पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

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पेटंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

13th Nov., 2015

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पेटेंट कार्यालय

कोलकाता, दिनांक 13/11/2015

• कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए है:-

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प	4	पेटेंट कार्यालय, भारत सरकार
	तथा व्यापार चिहन,		इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट
	एंटोप हिल डाकघर के समीप,		एसआईडीसीओ आरएमडी गोडाउन एरिया
	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत,		एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी
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			 आन्ध्र प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु
			तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार	5	पेटेंट कार्यालय, भारत सरकार
	बौद्धिक संपदा भवन,		कोलकाता, (प्रधान कार्यालय)
	एंटोप हिल डाकघर के समीप,		बौद्धिक संपदा भवन,
	एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037,		सीपी-2, सेक्टर- V, साल्ट लेक सिटी,
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	दमन तथा दीव, दादर और नगर हवेली।		
			भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार		
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	हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,राजस्थान,		
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पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे। शुल्क: शुल्क या तो नगद रूप में या "Controller of Patents" के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

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.

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

CORRIGENDUM (KOLKATA)

The Patent Nos. 187055 (1656/CAL/1995), 222031(29/CAL/2000), 195080(2205/CAL/1997) & 209254 (2105/CAL/1997) were erroneously published u/s 57 in the Official Journal Nos. 22/2015 & 41/2015dated 29.05.2015 and 9.10.2015 respectively hence the same may be treated as unpublished u/s 57 of the Patents Act.

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.3311/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date: 13/11/2015

(54) Title of the invention: "ELECTRIC CONTROL SYSTEM OF CLIMB FREE SYSTEM†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B66B1/06 :201420594563.3 :15/10/2014 :China :NA :NA :NA :NA	(71)Name of Applicant: 1)Ficont Industry (Beijing) Co., Ltd. Address of Applicant: Building 1, No. 15, Chuangyi East 2nd Road, Xiji Town, Tongzhou District, Beijing 101106, China China (72)Name of Inventor: 1)LIU, Zhixin 2)WANG, Xijun 3)LIU, Chun
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(57) Abstract:

The present invention discloses an electric control system of a climb free system, wherein the electric control system of the climb free system includes: a host control unit, a car body control unit, a remote control unit, a wireless signal processing unit, a controller, a frequency converter and a driving motor, wherein the host control unit performs signal transmission with the controller via cable connection, the car body control unit and the remote control unit perform signal transmission with the wireless signal processing unit respectively via a wireless transmission technology, the wireless signal processing unit is connected with the controller, and the controller is configured to drive the frequency converter and the driving motor to operate. The present invention is more applicable to a climb free system of a vertical ladder of a wind turbine tower in the field of wind power, simple and safe to operate, and capable of carrying personnel and goods, thereby solving the technical problem that a climbing device of a vertical ladder of an existing wind turbine tower is complicated and unsafe to operate.

No. of Pages: 24 No. of Claims: 14

(22) Date of filing of Application :14/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: "HOISTING DEVICE FOR WORKING IN HEIGHTS†•

(51) International classification	:B66D3/18	(71)Name of Applicant:
(31) Priority Document No	:201410577207.5	
(32) Priority Date	:27/10/2014	Address of Applicant :Building 1, No. 15, Chuangyi East 2nd
(33) Name of priority country	:China	Road, Xiji Town, Tongzhou District, Beijing 101106, China
(86) International Application No	:NA	China
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)LIU, Zhixin
(61) Patent of Addition to Application Number	:NA	2)WANG, Xijun
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a hoisting device for working in heights, specifically including a vehicle body, a lower bracket installed at a bottom of a safety ladder, a host driver fixed on the lower bracket and providing lifting power, an upper bracket installed at a top of the safety ladder, a traction rope connecting the upper bracket, the vehicle body and the host driver, and a sliding rail installed on the safety ladder, and further including a fall arrester installed on the sliding rail, a guiding device assembly installed on a back portion of the vehicle body, a stall protection device installed on the vehicle body and matched with the sliding rail, a collapsible pedal installed on a lower portion of the vehicle body and configured to carry people and goods, an operation handle fixed to an upper portion of the vehicle body and a position-limiting bracket installed on an upper portion of the safety ladder. The host driver drives, trough the traction rope, the vehicle body to ascend or descend along the sliding rail, thus enabling the vehicle body to ascend or descend so as to convey people and goods. The hoisting device is simple and convenient to operate, occupies a small floor space and can be installed without changing a structure of an original safety ladder.

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

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR FACILITATING OPTIMIZATION OF SPACE IN A WAREHOUSE

(51) International classification	·G06N5/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)R M, Madhusudhan
(87) International Publication No	: NA	2)PASHA, Ashar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a system and method for facilitating optimization of space in a warehouse. A data capturing module captures dimension data associated to zero or more objects present in a pallet of a plurality of pallets of a pallet rack present in a warehouse. A surface space computation module computes empty surface space in the pallet based on the dimension data and a predefined pallet dimension data associated with the pallet. The surface space computation module further determines whether the empty surface space, in the pallet, is greater or less than a predefined threshold value. A data transmission module transmits data to an external system communicatively coupled with the IoT device, the data indicating the empty surface space, in the pallet, being greater or less than the predefined threshold value thereby facilitating a user to optimize the space in the pallet of the pallet rack present in the warehouse.

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

(22) Date of filing of Application :24/09/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR FACILITATING AVOIDING HUMAN ERRORS

(51) International classification	:G06Q20/10	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HCL Technologies Limited
(32) Priority Date	:NA	Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar
(33) Name of priority country	:NA	Pradesh, India Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BOSE, Deepak
(87) International Publication No	: NA	2)HIRLEKAR, Vidya Padmanabh
(61) Patent of Addition to Application Number	:NA	3)VENKATASWAMY, Gopinath
Filing Date	:NA	4)VERMA, Mukesh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure discloses system 102 and method for facilitating avoiding of human errors in human error detection environment. At first, a plurality of configurations corresponding to a plurality of machines may be received. Further, a plurality of scripts may be configured corresponding to the plurality of machines based on the plurality of configurations. Further, a script, of the plurality of scripts, may be executed on a machine, of the plurality of machines. Based on the executing of the script, a message and a graphical user interface (GUI) may be displayed on the machines. Further, the message and the GUI may be customized based on the configuration of the machine. Further, the customized message and the GUI guide the user interacting with the machine to avoid the human errors.

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

(22) Date of filing of Application :26/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : VEHICLE TO CLOUD (V2C) REMOTE MANAGEMENT OF ELECTRIC, HYBRID AND PLUG IN HYBRID ELECTRIC VEHICLE CHARGING

(51) International classification	:B60W10/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.MOHAMMAD SAAD ALAM
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELECTRICAL
(33) Name of priority country	:NA	ENGINEERING, ALIGARH MUSLIM UNIVERSITY,
(86) International Application No	:NA	ALIGARH, U.P202002 Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR.MOHAMMAD SAAD ALAM
(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 the methods. and systeins for remote management of electric, hybrid and plug-in hybrid electric, vehicle charging system using vehicle to cloud (V2C) strategy operated in coordination of the vehicle communication portal, vehicle human machine interface system, vehicle battery management system and the dedicate cloud based app. for the sake of the reliability and availability of convenient charging management for future electric, hybrid and plug-in hybrid electric vehicle fleet in India, which is also economical and environnlentally friendly.

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

(22) Date of filing of Application :02/11/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: NATURAL GAS PIPELINE LEAKAGE DETECTION SYSTEM POWERED BY SCAVENGING AMBIENT ENERGY FROM UHF SIGNALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)MOHAMMAD AFZAL SHADAB Address of Applicant: A-3, KAILASH APARTMENT, AGRA CHOWK, PALWAL-121102, HARYANA, INDIA Haryana India 2)BHANU PANDEY (72)Name of Inventor: 1)MOHAMMAD AFZAL SHADAB 2)BHANU PANDEY
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

PIPELINE LEAKAGE DETECTION IS DONE BY ULTRASONIC INTELLIGENT PIGGING, SMART-BALL AND ACOUSTIC WAVE DETECTION TECHNIQUES PIGGING LACKS FREQUENT MONITORING AND INVOLVES HUGE MAINTENANCE AND OPERATING COSTS, RENDERING IT INCAPABLE OF PROMPT LEAKAGE DIAGNOSIS. SMART-BALL, ANOTHER SIMILAR I TECHNIQUE, ALSO LAGS ON THE SAME. HE ACOUSTIC LEAKAGE DETECTION TECHNOLOGY IS INCAPABLE OF PRECISE PRESSURE MONITORING INSIDE THE PIPELINE. ALL THE ABOVE MENTIONED TECHNOLOGIES LAG ON THE GROUNDS OF FREQUENT PRESSURE MONITORING. THE PRESENT INVENTION RELATES TO A NATURAL GAS PIPELINE LEAKAGE DETECTION SYSTEM POWERED BY SCAVENGING AMBIENT ENERGY FROM UHF SIGNALS WHICH MONITORS AND COMPUTES TIME AVERAGING OF TRANSIENT STATIC PRESSURE AT EACH MOTE, WHICH IS POSITIONED AT FIXED DISTANCES ON THE PIPELINE AT FREQUENT INTERVALS OF TIME AND IS POWERED VIA UHF HARVESTING, THEREFORE, MAKING THE LEAKAGE DETECTION SYSTEM HIGHLY PRECISE AND SELF-SUSTAINABLE.

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

(22) Date of filing of Application :27/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : A LOW COST, MORE EFFICIENT, MORE FLEXIBLE AND LESS COMPLEX FRACTIONAL VOLTAGE BASED DIGITAL MAXIMUM POWER POINT TRACKING SYSTEM

		(71)Name of Applicant :
(51) International classification	:H02J7/00	1)MR.MOHAMMED ASIM
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF ELECTRICAL
(32) Priority Date	:NA	ENGINEERING INTEGRAL UNIVERSITY, LUCKNOW-
(33) Name of priority country	:NA	226026, U.P., INDIA Uttar Pradesh India
(86) International Application No	:NA	2)MR.MOHD TARIQ
Filing Date	:NA	3)MR.MOHAMMAD TAUQUIR IQBAL
(87) International Publication No	: NA	4)DR.MOHAMMED ARIFUDDIN MALLICK
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MR.MOHAMMED ASIM
(62) Divisional to Application Number	:NA	2)MOHD TARIQ
Filing Date	:NA	3)MOHAMMAD TAUQUIR IQBAL
		4)DR.MOHAMMED ARIFUDDIN MALLICK

(57) Abstract:

The present invention relates to the novel fractional voltage based maximum power point tracking system wherein pilot PV panel is replaced by a look up table stored in the microprocessor. Elimination of pilot PV panel helps in the reduction of cost, increase of efficiency, increase in flexibility and an easy control. In the present invention, look up table is formed after taking several readings of open circuit voltage (Voc) at different operating conditions such as changing temperature, insolation, etc. from the PV panel. The temperature and insolation sensors are placed in the system which gives the reading of the actual environment and exact Voc can be taken from the look up table. The reference signal is generated by taking a fraction of the Voc and is compared with the actual voltage of PV panel. The generated error is passed through the control action and PWM is generated for dc-dc converter. PWM switching signal is generated such that as to have the maximum power output from the PV panel. The use of lookup table .instead of PV panel reduces cost, eliminates manufacturing defect errors in the reading oftwo panels and with the use of digital control, the effect of noise and attenuation signals will be removed and it will also increase the flexibility of changing the sizing of the system.

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

(22) Date of filing of Application :27/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: A LOW COST SOLAR VISCOMETER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G01N11/06, G01F23/24 :NA :NA :NA :NA	(71)Name of Applicant: 1)DR.MOHAMMED ARIFUDDIN MALLICK Address of Applicant: DEPARTMENT OF ELECTRICAL ENGINEERING INTEGRAL UNIVERSITY, LUCKNOW- 226026, U.P., INDIA Uttar Pradesh India 2)MOHAMMED ASIM
Filing Date	:NA	3)MIRZA MOHAMMAD SHADAB
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR.MOHAMMED ARIFUDDIN MALLICK
Filing Date	:NA	2)MOHAMMED ASIM
(62) Divisional to Application Number Filing Date	:NA :NA	3)MIRZA MOHAMMAD SHADAB

(57) Abstract:

In the present invention a new solar viscometer has been developed for measurement of saturated fats in edible oils. The viscosity of the oil is directly related to the saturated fats present in all edible oils used in hopes. The higher the quantity of saturated oils more will it be harmful for heart patients. So a low cost solar viscometer has been developed which does not need the grid supply for driving the d. c. motor which has been used in the instrument. The solar viscometer is suitable for both the urban and rural people. The solar "viscometer uses a simple circuitry whose components are easily available in the market. The accuracy of the meter is sufficient that could be relied by the people.

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

(21) Application No.3532/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: RE USE WATER POWER TECHNIQUE

(51) International classification(31) Priority Document No(32) Priority Date	:NA :NA	(71)Name of Applicant: 1)DERA SACHA SAUDA Address of Applicant:SHAH SATNAM JI DHAM, SIRSA-
(33) Name of priority country(86) International Application No	:NA :NA	122055 HARYANA Haryana India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)SAINT GURMEET RAM RAHIM SINGH JI INSAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Water is taken up by the plant through its roots and rest of the water goes into the deeper layers of the soil by seepage. The amount of water which goes to the deeper layer of the soil goes waste and is not utilized by the plant. In the present technique the water which goes waste to the deeper layers of the soil is collscted and is re-utilized for irrigation for the same crop.

No. of Pages: 6 No. of Claims: 1

(22) Date of filing of Application :07/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AN IMPROVED SYSTEM AND METHOD FOR BRAILLE EMBOSSING

(51) International classification	:G09B21/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MR.ANNU AGGARWAL
(32) Priority Date	:NA	Address of Applicant :16-A, OLD SURVEY ROAD,
(33) Name of priority country	:NA	DEHRADUN, UTTARAKHAND, INDIA PIN-248001
(86) International Application No	:NA	Uttarakhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR.ANNU AGGARWAL
(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 ari electrically assisted mechanical device which is a selective Braille embosser. The novel Braille embosser uses a controlled Hammer-impression mechanism to emboss Braille characters on substrates such as Braille papers or other surfaces. which can be used in Braille embossing. The Braille embosser is capable of functioning in a Continuous Embossing Mode (CEM). It is also capable of being used as a Computer Controlled Embosser (CCE) where it is capable to interface with multiple embossers in a daisy chain mechanism. The Braille embosser device comprises of a sequence of hammers configured to strike a substrate and thereby produce Braille readable projections. These hammers are connected to a motor assembly which moves from side to sid.e to print a line. A controller is connected to the hammers & motor that controls the striking by the hammers as well as motor movement. The controller includes drivers, each of which is connected to hammers & motors. An electrically-assisted mechanical Braille writer includes a main solenoid to apply force to emboss Braille onto a printing medium, and advance an embossing mechanism to the next cell. A second solenoid engages a mechanical stop to prevent one or more embossing keys .from being fully depressed, to prevent kickback from the keys mechanically coupling to the main solenoid. In unpowered operation, the mechanical stop is disengaged, and the embossing keys may be fully depressed "to apply force to emboss Braille and advance the embossing mechanism. Accordingly, with electrical power, the user may supply a lesser amount of force and still fully" emboss Braille cells, while without electrical power, the Braille, writer remains fully operational.

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

(21) Application No.3290/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :13/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : "FURNITURE COMPONENT†•

(51) International classification(31) Priority Document No(32) Priority Date	:20 2015 005 002.6	(71)Name of Applicant: 1)GIC Consulting GmbH Address of Applicant: Mýhlenstrasse 206, 45475 Mülheim, Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)DESAI, Anil
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 concerns a furniture component comprising a fixing portion (11, 31) by way of which the furniture component can be releasably fixed to a wall or a furniture element, and a carrier portion (12, 32) disposed on the side remote from the fixing portion (11, 31) for a motif carrier (15, 35); wherein the carrier portion (12, 32) has a flat receiving surface (14, 34) for the motif carrier (15, 35) and a projecting rim portion (13, 33) surrounding said receiving surface (14, 34) and serving as a guide when applying the motif carrier (15, 35), wherein the rim portion (13, 33) has a rounded outside contour.

No. of Pages: 14 No. of Claims: 10

(22) Date of filing of Application :27/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYNERGISTIC COMPOSITION FOR TREATING GLUTEN INTOLERANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	A61K38/00 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Dr. Jogesh Passi Address of Applicant: 25 - Avtar nagar, Threeke, Ferozpur road, Ludhiana, Punjab Punjab India (72)Name of Inventor: 1)Dr. Jogesh Passi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a therapeutically effective synergistic composition to treat gluten intolerance. Micro fined extracts of herbal ingredients obtained after the process of distillation formulated in optimally balanced ratio to provide synergistic action. The composition as an immunomodulator restores the bodyâ C^{TM} s immunity to optimum levels thereby improves the ability to tolerate / digest Gluten. The composition further enhances the digestive power and regenerates bodyâ C^{TM} s atrophied tissues and maintains overall wellbeing of the individual.

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

(22) Date of filing of Application :23/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : A NEW DETACHABLE FLOATING DEVICE FOR DOMESTIC WATER HEATING IMMERSION ROD.

(51) International classification	:H05B3/80	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAVED HASAN KHAN
(32) Priority Date	:NA	Address of Applicant :4TH FLOOR, G-78, SHAHEEN
(33) Name of priority country	:NA	BAGH, OKHLA, NEW DELHI-110025 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAVED HASAN KHAN
(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 pertains to an extended horizontal floating device perpendicularly attached with submersible water heating rod for free floatation. The said floating device comprises of a coupling of half round casings made up of heat resistant and buoyant plastic material compactly filled with a solid piece of Expanded Polystyrene and sealed with a top cover. Subsequently, coupling of said half rounds is to be pressed together to get both the pieces locked firmly with one another, with the help of a flip top locking system provided on the edge of lateral ends of the said device. The compacted device holds the upright immersion rod, submerged in water, passing through the core of the said device, and attached with the help of either a supporting metal strip or a selfclamping unit. Now a seamless gadget is ready to float on water. In fact, existing hook in immersion rods is an unjustifiable mean to hang the said rod on the rim of conventional plastic buckets, which not only wastes extra power by deferred heating of water due to inappropriate placement but also melts the edges of the bucket hazardously and compels surprisingly almost all the users to hit upon some risky tactics. The novel invented device, if attached, makes the immersion rod absolutely free from all aforementioned flaws and demerits as well as saves energy.

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

(22) Date of filing of Application :29/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: PRE COOLING SYSTEM HAVING CONTROLLED INTERNAL ADJUSTMENT

(51) International classification: B21B45/02,C21D9/573,F27B9/14 (71) Name of Applicant: 1)COCKERILL MAINTENANCE & INGÃ%NIÃ%RIE (31) Priority Document No :61/817113 (32) Priority Date :29/04/2013 (33) Name of priority country Address of Applicant : Avenue Greiner 1, B -4100 Seraing :U.S.A. (86) International Application Belgium :PCT/EP2014/056523 No (72) Name of Inventor: :01/04/2014 Filing Date 1)LANGEVIN, Stéphane (87) International Publication 2) DUBOIS, Michel :WO 2014/177337 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

The invention relates to equipment for cooling a metal strip (2) having a liquid coating to be solidified wherein said strip is continuously moving. Said equipment is characterized in that each half-cooler (11, 12) is divided, over the length thereof, into at least two sections, a first section (13) and a second section (14), in the direction of the movement of the strip (2). The first section (13) is separated from the second section (14) in each half-cooler (11, 12) by a respective internal adjustment device (7, 8) making it possible to change the gas flow/pressure parameter so that the value of said gas flow/pressure parameter in the first section (13) from the value of said parameter in the second section (14).

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

:NA

(21) Application No.3522/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: HERBAL OIL FOR MUSCLAR AND JOINT PAIN

(74) 7	1 51 77 2 5 10 0 5	
(51) International classification	:A61K36/886	(71)Name of Applicant:
(31) Priority Document No	:NA	1)PAWAN TIWARI
(32) Priority Date	:NA	Address of Applicant :PLOT NO.12, SECTOR NO.2,
(33) Name of priority country	:NA	MALVIYA NAGAR, JAIPUR-302017 (RAJ.) Rajasthan India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PAWAN 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 is directed towards a novel herbal oil useful in relieving muscular and joint pain and method for preparing the same. The herbal oil of the present invention comprises 1 ml-338 ml ginger oil, 3 ml-793 ml sesame oil, and 1.ml-297 ml oil of wintergreen. Optionally, it may include pharmaceutically acceptable excipients. The excipients include stabilizers, antioxidants, preservatives, emulsifiers, flavouring agents, colouring agents, solvents, co-solvents etc.

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

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: "INTRAVENOUS CATHETER DEVICE WITH NEEDLE STICK SAFETY MECHANISM.†•

(51) International classification(31) Priority Document No(32) Priority Date	:A61M5/178 :NA :NA	(71)Name of Applicant: 1)NEERAJ GUPTA Address of Applicant:110-111, Udyog Vihar Phase-4
(33) Name of priority country	:NA	Gurgaon, Haryana-122015, (India). Haryana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NEERAJ GUPTA
(87) International Publication No	: NA :NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed invention relates to an IV catheter device (100) with needle stick safety mechanism. Said device (100) includes a needle (1) having a first part (32), a second part (33) and a third part (4) having a diameter larger than the other parts of the needle (1). A catheter tube (3), which slidably encases the third part (4) and partially encases the first part (32) and the second part (33) of the needle (1), is in a fluid contact with a catheter hub (5). Needle cover assembly, (8) partially encases the first part (32) of the needle (1), is connected to the catheter hub by a lock (25) and jaws (26), comprises a casing (30) connected to the needle cover (24) via projections (23) and connected to the needle hub (2) by engaging flanges (17) and hooks (18) in slots (15) provided on the needle hub (2).

No. of Pages: 32 No. of Claims: 10

(21) Application No.3450/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :26/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: HUMAN TO NANOGRID (H2N) BACK UP POWER SYSTEM

(51) International classification	:H04M19/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.YASSER RAFAT
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING, ALIGARH MUSLIM UNIVERSITY,
(86) International Application No	:NA	ALIGARH, U.P202002 Uttar Pradesh India
Filing Date	:NA	2)DR.MOHAMMAD SAAD ALAM
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR.YASSER RAFAT
Filing Date	:NA	2)DR.MOHAMMAD SAAD ALAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to the methods and systems for the back-up or standby power sources using Human to Nano grid strategy operated through weight training/ dynamic machine(s) coupled with bio mechanical converters to delivers the mechanical energy to flywheel energy storage system(s) which supplies electric power to Nano grid for the sake of the reliability of the demand side management of the allocated essential load to the Nano grid which is also economical and environmentally friendly.

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

(22) Date of filing of Application :23/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: A NOVEL/ NEW CRICKET HELMET AND METHOD OF MANUFACTURING THEREOF

(51) International classification	:B32B27/12	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VIRENDER NAGPAL
(32) Priority Date	:NA	Address of Applicant :C-139-140, NEW MULTAN NAGAR,
(33) Name of priority country	:NA	DELHI-110056. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIRENDER NAGPAL
(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 of cricket helmet comprises an outer shell member and disposed adjacent its inner surface a layer comprising an inflatable element operatively connected with inflation element operatively connected with inflation. The layer comprising the inflatable element preferably comprises a plurality of individual cells or pockets defined by a fluid impermeable plastics membrane material, the individual cells or pockets being mutually in communication for pressurization and pressure release purposes and connected to the inflation means. The cells or pockets may contain impact absorption or cushioning materials which are preferably porous to allow absorption. The cricket helmet exhibits improved resistance to transmission of impact forces compared with conventional helmets. The outer shell is usually hard and made of compound material such as PC, ABS, carbon fibers, glass fibers and Kevlar. In the hard shell is filled with a light and soft material layer that is in direct contact with the user"s head. When a collision occurs the soft inner shell is responsible for absorbing the impact.

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

(22) Date of filing of Application :21/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : EMULSIFICATION PROCESS OF OMEGA-3 FATTY ACIDS WITH FRUIT PULP FOR PALATABLE TEST AND LESS ODOUR

(51) International classification	:C07D	(71)Name of Applicant:
(31) International classification	493/22	1)DR.VIVEK WAYSE
(31) Priority Document No	:NA	Address of Applicant :RASIK BUNGALOW, AMBIKA
(32) Priority Date	:NA	NAGAR,RING ROAD,BARAMATI 413102,PUNE
(33) Name of priority country	:NA	MAHARASHTRA,INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR.VIVEK WAYSE
(87) International Publication No	: NA	2)MRS.SWATI WAYSE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an emulsification process of omega-3 fatty acids with a fruit pulp for palatable taste. The emulsification of omega-3 fatty acids produced by the present invention significantly reduces the offensive odour of the fish oil and/or omega-3 fatty composition and has higher storage and operational stability. Further, the present invention provides an emulsification process whose resulting product Omega-3 fatty acid, has significantly reduced offensive odour, and can easily be converted into liquid homogenized liquid Omega 3 /tablets/capsules/beadlets/soft or two-piece hard gelatin capsule or a sachet. Further, the resulting product from the present invention is suitable for formulating delicious homogenized liquid omega 3, tablets, chewable tablets, smoothies etc., which is useful in various health benefits in children as well as adults.

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

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

(43) Publication Date: 13/11/2015

(54) Title of the invention : A METHOD FOR GENERATING POWER USING A MAGNET & DIAMAGNETIC MATERIAL ASSEMBLY

(51) International classification (31) Priority Document No (32) Priority Date	1/38 :NA :NA	(71)Name of Applicant: 1)MR.NACHIKET R.BHURKE Address of Applicant: 1467/1-2,FLAT NO F-2 METHE BHAWAN,SANGAR GALLI, MANGALWAR PETH DIST
(33) Name of priority country(86) International Application No	:NA :NA	KOLHAPUR,416012 MAHARASHTRA,INDIA Maharashtra India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor: 1)MR.NACHIKET R.BHURKE
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides method for generating power using an assembly of magnet & diamagnetic material assembly without the use of any external conventional resources. The present invention aims to develop an MCO which when attached to any mechanical locomotive device not limiting to cars, bikes, airplanes which when are in motion, can produce power. This power so generated can be used to generate electrical energy which is stored in batteries of the locomotive devices and any other electrical energy storage devices, using magnet & diamagnetic material assembly which is otherwise conventionally provided using external resources.

No. of Pages: 14 No. of Claims: 4

(21) Application No.3759/MUM/2015 A

(19) INDIA

(22) Date of filing of Application :02/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUTOMATED SOLID JAGGERY MAKING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:B64G 1/10 :NA :NA :NA :NA	(71)Name of Applicant: 1)Bandu Prallhad Pawar Address of Applicant: Goyal Garima, E 704, Keshavnagar, Chinchwadgaon, Pune- 411033, Maharashtra, India Maharashtra India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	1)Bandu Prallhad Pawar

(57) Abstract:

The Automated Solid Jaggery Making System is invented to reduce un-burn Bagasse, to reduce heat loss due to high temperature flue gas and which reduces the manpower required for shifting juice from one pan to another, comprises of 1. Grate 2. Fire Door 3. Ash Door 4. Insulation and fire Brick wall 5. Feeder 6. Spreader 7. 7 To 10 Pans 8. 11 to 13 valves 9. Tubular Heat exchanger 10. Forced Draft Blowers 11. Cyclonic Dust Collector 12. Induced Draft fan 13. Mild Steel chimney 14. Jaggery Pond

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

(22) Date of filing of Application :29/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: LIVES SAVING FLYING AMBULANCE DRONE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A61G 3/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)BAWANE SONAL SURESH Address of Applicant:PLOT NO.18, SHIVAJINAGAR, VARANGAON, TAL.: BHUSAWAL, DIST.: JALGAON - 425305, MAHARASHTRA, INDIA Maharashtra India 2)AP ROOPITA (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)BAWANE SONAL SURESH 2)AP ROOPITA

(57) Abstract:

A drone for locating, rescuing, healing to injured soldiers, it said that system uses a gps transmitter and a cardio device which should be triggered for 5 seconds then it will sends message to lives saving flying ambulance drone (LSFAD) through satellite, by which it will get a specific position and fly direct to him by using gps and rescue him in a mean time with maximum efficiency and we have on board x-ray and ecg machine. LSFAD will be their it will scan the position how he is laying then trolley get down and lift him up in LSFAD and we will save its life and it is very cost effective without sending many more lives in danger to save injured soldiers, it will also track safer place to escape from danger by using satellites imaging, this system also delivered rations and ammunitions direct to soldiers.

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

(22) Date of filing of Application :26/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: COST EFFECTIVE IMPACT TEST SPECIMEN MACHINING PROCESS

(51) International classification	:B23O	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIJAYA KUMAR.T
(32) Priority Date	:NA	Address of Applicant :G.S.T. ROAD, KOLAMBAKKAM
(33) Name of priority country	:NA	VILLAGE, PALAYANOOR(POST), MADURANTAKAM TK
(86) International Application No	:NA	603 308, Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VIJAYA KUMAR.T
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The cost effective process for impact test specimen machining relates to the improvement of machining process and is applicable where ever the requirement of impact strength of materials to be determined. This process is applicable in forging industries and metal strength testing laboratories. The process reduces the total machining cost and increases the productivity. The process is conventional and the procedure is different from existing procedure. This process eliminates the requirement of milling machine for the specified purpose. The process consists of selection and marking of axis, machining the specimen in to circular around the axis, square machining and grinding with the aid of atomized spray coolant system. The square machining is done in a lathe by using a specially designed fixture. The coolant system provides cooling makes the specimen to retain the surface and core properties. Thus results in reduced total machining cost with better quality and accuracy.

No. of Pages: 35 No. of Claims: 5

(21) Application No.5839/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :29/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: THERMAL CONTROLLED FILTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B03C :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PAUL PANDIYAN M Address of Applicant:1/531, UMA FLATS, "A" BLOCK, F2, GAJENDRAN NAGAR, 4TH STREET, PERUMBAKKAM, CHENNAI - 600 100, Tamil Nadu India (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)PAUL PANDIYAN M

(57) Abstract:

My invention, thermal controlled filter is an industrial filter which uses thermal control effect as dust collecting technique. Industrial filter is an important system used to collect dust particles in industries such as cement plants, power plants and mineral processing plants. Even though different types of industrial filters are available, each filter has its own merits and demerits. Electrostatic precipitator has less maintenance cost but high initial cost whereas fabric filter has less initial cost but high maintenance. In order to avoid demerits and integrate merits, a new type of industrial filter based on thermal control has been invented. As thermal controlled filter does not have any particular dust collecting medium such as fabric filter, collecting plates and etc, cost and weight of the filter is considerably reduced. Also, the power requirement for thermal controlled filter is very less comparing with all other types of industrial filters.

No. of Pages: 5 No. of Claims: 9

(21) Application No.5881/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: HARMFUL GAS DETECTION SYSTEM IN WELL

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F01N :NA :NA :NA	(71)Name of Applicant: 1)Bharath University Address of Applicant:173, Agharam Road, Selaiyur, Chennai 600 073, Tamil Nadu India
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor: 1)Dr.J.Hameed Hussain
(87) International Publication No	: NA	2)Dr. X.Charles
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention discloses a method of detecting the presence of harmful and obnoxious gases in a well before a human is allowed to enter it. This is very useful to avoid the incidence of fatalities that occur due to asphyxiation.

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

(22) Date of filing of Application :26/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR ALTERING THE COLOR, APPEARANCE, OR FEEL OF A VEHICLE SURFACE

(51) International classification :A41D (31) Priority Document No :14227859 (32) Priority Date :27/03/201 (33) Name of priority country :U.S.A. (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	
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(57) Abstract:

Systems and methods for altering the appearance and/or texture of a vehicle surface include installing a vest relative to a vehicle surface such that an exterior side of the vest, spaced from the vehicle surface, defines a fluid-tight space between the vehicle surface and the exterior side of the vest. Visual media can be provided into and from the fluid-tight space using one or more ports, the exterior side being at least partially transparent or translucent such that the visible media within the fluid-tight space are visible through the exterior side of the vest, thereby allowing the repeatable alteration of the appearance of the surface. FIG. 1

No. of Pages: 43 No. of Claims: 23

(21) Application No.5623/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : OPTIMIZED NUTRIENT FATTY ACID COMPOSITION

(51) International classification	·C09C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VADAKKEMURI MATHEW JOLLY
(32) Priority Date	:NA	Address of Applicant :KOCHERY HOUSE, MALIEKAL
(33) Name of priority country	:NA	ROAD, THEVERA P.O, KOCHI - 682 013 Kerala India
(86) International Application No	:NA	2)KOCHERY PAUL THOMSON
Filing Date	:NA	3)KOCHERRY PAULOSE THOMSON JOLLY
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)VADAKKEMURI MATHEW JOLLY
Filing Date	:NA	2)KOCHERY PAUL THOMSON
(62) Divisional to Application Number	:NA	3)KOCHERRY PAULOSE THOMSON JOLLY
Filing Date	:NA	

(57) Abstract:

No. of Pages: 67 No. of Claims: 20

(21) Application No.5002/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :18/09/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: FLAME FAILURE DETECTION AND GAS LEAK ALARMING SYSTEM

71)Name of Applicant :
1)SHANMUGH H.
Address of Applicant :NARAYANAN KULANGARA,
THATHAMPILLY P.O., ALAPPUZHA DISTRICT - 688 013,
Kerala India
72)Name of Inventor:
1)SHANMUGH H.
TI Ke 7:

(57) Abstract:

A system for flame failure detection and gas leak prevention is disclosed. System is based on opto-electro mechanical operation and consists of multple sensors, switching circuit, modified solenoid valve, user interface controls and alarm. Fig. 2

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

(21) Application No.5747/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :26/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : VIDEO INPUT BASED SYSTEM FOR WARNING ANOMALIES AND AUTOMATING ATTENDANCE OF STUDENTS

(51) International classification	:G07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr.S Viswanadha Raju
(32) Priority Date	:NA	Address of Applicant :Professor and HOD of CSE
(33) Name of priority country	:NA	JNTUHCEJ, Jawaharlal Nehru Technological University,
(86) International Application No	:NA	Hyderabad, Andhra Pradesh 500085 Telangana India
Filing Date	:NA	2)Dr. B. Surekha
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)Dr.S Viswanadha Raju
Filing Date	:NA	2)Dr. B. Surekha
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to the technical field of biometrics, automated systems, security and protection, and provides model for automated attendance management, tracking, and anomaly detection system. VISWAAAS is a framework where a pair of visible and thermal video images is acquired from different hybrid camera units placed in different lecture halls are processed and analyzed in accordance with the parameters set by the system administrator based on the requirements of the automated attendance and anomaly detection application. following invention is described in detail with the help of figure 1 of sheet 1 showing the system architecture.

(21) Application No.5861/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

$(54) \ Title \ of the invention: PROCESS \ FOR \ SIMULTANEOUS \ PRODUCTION \ OF \ BIS(HYDROXYPHENYL) \ METHANES \ AND \ SEPARATION \ OF \ 4,4'-BIS(HYDROXYPHENYL)METHANE$

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ANABOND (R & D) CENTRE
(32) Priority Date	:NA	Address of Applicant :CHAIRMAN AND MANAGING
(33) Name of priority country	:NA	DIRECTOR, ANABOND LIMITED (R&D CENTRE), NO. 86,
(86) International Application No	:NA	INDUSTRIAL ESTATE, PERUNGUDI, CHENNAI - 600 096,
Filing Date	:NA	Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR.MUTHUKARUPPAN ALAGAR
Filing Date	:NA	2)RAMACHANDRAN SASIKUMAR
(62) Divisional to Application Number	:NA	3)MATHIVATHANAN ARIRAMAN
Filing Date	:NA	4)KALIAPPAN ADHINARAYANAN

(57) Abstract:

The present invention relates to the production of bis(hydroxyphenyl)methanes (bisphenol-F) by the condensation reaction of phenol and formaldehyde using the combination of inorganic acids as catalyst and organic acid as co-catalyst under aqueous medium at moderate temperature and also the separation of 4,4"-bis(hydroxyphenyl)methane isomer through a facile solvent extraction method. The separation of 4,4"-isomer, the yield and composition of isomers of bis(hydroxyphenyl)methane varies according to the feed ratio of the reactants, catalytic composition and reaction conditions.

(21) Application No.5767/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :27/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: DOUBLE OR EVEN MORE ENERGY GENERATION OF ELECTRICITY FROM GENERATOR BY UTILIZATION OF INNER AND OUTER MAGNETIC FIELDS OF A HOLLOW SHAPED MAGNETS AND ALSO HOLLOW SHAPED MAGNETIC CORES.

(51) International classification	:F03B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)kamarthi sivakumar
(32) Priority Date	:NA	Address of Applicant :K.Sivakumar, S/o:K.Yellaiah, H/no:81-
(33) Name of priority country	:NA	5-5-18-2, Sai nagar, Near raghunath complex, Kurnool,
(86) International Application No	:NA	Pin:518002. Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)kamarthi sivakumar
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In common generators to generate electricity only outer side of the hollow magnetic field of a magnet is used but not the inner magnetic field.

(19) INDIA

(22) Date of filing of Application :27/10/2015

(43) Publication Date: 13/11/2015

(54) Title of the invention : METHODS FOR SELECTING AND SEQUENCING OPTIMAL PROJECT REQUIREMENTS IN A PROJECT WITH MULTI-PASS EXECUTION AND DEVICES THEREOF

(51) International classification	:G06F	(71)Name of Applicant:
(31) Priority Document No	:14/660,371	1)WIPRO LIMITED
(32) Priority Date	:17/03/2015	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:U.S.A.	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SOURAV SAM BHATTACHARYA
(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 technology obtains requirements data on types of requirements for a project. Next, each conflict between one of the requirements in one of the types of requirements and one of the requirements in another one of the types of requirements is identified. In each of the identified conflicts one of the one of the requirements in one of the types of requirements or the one of the requirements in another one of the types of requirements is selected based on stored attribute value data for the obtained requirements retrieved from one or more value databases. A schedule with a sequence of execution phases of the project is generated based on any non-conflicting ones of the requirements and the selected one of the one of the requirements in one of the types requirements and one of the requirements in another one of the types of requirements for each of the identified conflicts.

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: DATA CENTER TRANSFORMATION SYSTEMS AND METHODS

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

(57) Abstract:

This disclosure relates to systems and methods for gamification of data center transformation. In one embodiment, a processor-implemented method is disclosed, comprising: dynamically generating in real-time, via a hardware processor, a multi-player gaming environment including a plurality of graphical elements; wherein at least one constraint applying to one of the graphical elements reflects a constraint applying to a real-world data center; wherein a configuration of at least one of the graphical elements reflects a configuration parameter of the real-world data center; providing, via the hardware processor, the gaming environment to a plurality of users; modifying, via the hardware processor, the configuration of the at least one of the graphical elements based on game play of the plurality of users; and providing, via the hardware processor, an output indicating a modified configuration of the at least one of the graphical elements for modifying the configuration parameter of the real-world data center.

(21) Application No.5886/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMICALLY SWITCHING HIGH-SPEED CLOCK OF A HOST DEVICE

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

(57) Abstract:

This disclosure relates generally to a host-peripheral interface, and more particularly to system and method for dynamically switching a high-speed clock of a host device. In one embodiment, a method is provided for dynamically switching a high-speed clock of a host device. The method comprises determining a status of the host device and a peripheral device coupled to the host device with respect to a transmission and a reception of high-speed data respectively, and switching the high-speed clock between the host device and the peripheral device based on the status. Figure 5

(21) Application No.5776/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :28/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: CRUTCHES ATTACHED WHEEL CHAIR FOR PHYSICALLY CHALLENGED

(57) Abstract:

This invention discloses a method of attaching the crutches of a physically challenged person in a wheel chair such that it works as a handle for the person when he is using the wheel chair.

(21) Application No.5873/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: MAGNETIC REFRIGERATION SYSTEM

(51) International classification	:F25B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Bharath University
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	600 073, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr.R.Venkatesh Babu
(87) International Publication No	: NA	2)Dr.S.Kabilan
(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 method of refrigeration using the technology based on the magneto caloric effect. This is an alternate method of producing refrigeration which is environmentally friendly.

(21) Application No.5745/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :26/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: HYDRAULIC OPERATED COCONUT CLIMBING MACHINE

(51) International classification	:B62D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHAJU K P
(32) Priority Date	:NA	Address of Applicant :S/O ACHUTHAN K P, KARIYAM
(33) Name of priority country	:NA	PARAMBIL HOUSE, KANJIRAMUKKU P O, MALAPPURAM
(86) International Application No	:NA	DISTRICT, PIN 679 584, Kerala India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHAJU K P
(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 hydraulically operated palm climbing machine designed to carry a person along with it while climbing. It consists of a hydraulically operated telescopic boom that serves as a platform for raising and lowering the person on the climbing device. It is attached to two clamping unit on both ends for holding on the climbing object. The movement of telescopic boom and clamping unit are controlled by two hydraulic control valve, the operation of both the valves bring upward or downward motion and the non-operation of valve makes the whole unit in static position. A hydraulic pump is used to pressurizing the hydraulic oil from the hydraulic tank for generating the required pressure for bringing motion. The require drive for the hydraulic pump is taken from a gasoline engine through a set of reduction gear mechanism. The safety features attached to the device enhances operators comfort.

(21) Application No.5864/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHODS FOR DETECTING ONE OR MORE AIRCRAFT ANOMALIES AND DEVICES THEREOF

(71) 1	DetG	
(51) International classification	:B64C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India. Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAJA SEKHAR AMIRAPU
(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:

Methods, devices, and non-transitory computer readable media that detect an anomaly in an aircraft include obtaining aircraft flight data acquired from multiple aircraft sensor devices. The obtained aircraft flight data is clustered into two or more data groups. A distance between the clustered aircraft flight data in one of the two or more groups associated with a part of the aircraft and stored baseline flight data for the part of the aircraft is determined. A statistical model analysis is executed on the determined distance to detect any anomaly with the part of the aircraft.

(21) Application No.5752/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :26/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: A HIGH PRESSURE VERTICAL MULTI-STAGE PUMP WITH INDEPENDENT MOTOR AND PUMP SHAFTS, AN IMPROVISED COUPLING AND SIMPLE MECHANICAL-SEAL ARRANGEMENT

(51) Let an all and all all all all all all all all all al	E04D	(71) Nieuwa a C. Augulia and a
(51) International classification	:F04D	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RASAPPAN KALYANSUNDARAM
(32) Priority Date	:NA	Address of Applicant :No: 12/1, Jothi Nagar Second Street,
(33) Name of priority country	:NA	Ramanuja Nagar, Coimbatore - 641 015 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RASAPPAN KALYANSUNDARAM
(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 HIGH PRESSURE VERTICAL MULTI-STAGE PUMP WITH INDEPENDENT MOTOR AND PUMP SHAFTS, AN IMPROVISED COUPLING AND SIMPLE MECHANICAL SEAL ARRANGEMENT, wherein Split Coupling (B) and Mechanical Seal (D) arrangement is characterized in an independent Motor Shaft (Q) and Pump Shaft (E). Motor (A) is placed vertically above the Pump (T). Key (R) as a fastener is provided on Motor Shaft (Q), whereas Dowel Pin (S) as a locking mechanism is provided on the Pump Shaft (E). Key provided on motor shaft ensures better grip and transmission, whereas, combination of Key (R) on Motor Shaft (Q) and Dowel Pin (S) on the Pump Shaft (E) allows linear flexibility for assembling the unit. Mechanical seal (D) provided in such a combination using Collar (C) as the seal positioning arrangement effectively seals water leakage through shaft. Impeller-Diffuser set (I) is of Engineering Plastic, resulting in smooth operation, less vibration, saving power and cost.

(21) Application No.5773/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :28/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: HUMAN ANGER RELEASE WRIST WATCH BASED ON BLOOD PRESSURE

(54) T	0040	
(51) International classification	:G04G	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BHARATH UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country	:NA	– 600 073 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Dr. R.Chidambaram
(87) International Publication No	: NA	2)Dr.Vijayakumar
(61) Patent of Addition to Application Number	:NA	3)Dr. H.Sheik Mohammed Riyaz
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention discloses a method of using a wrist watch for controlling our anger. When a person gets angry, immediately this wrist watch will monitor the increasing blood pressure and body temperature. Based on BP and temperature wrist watch gives a caution by means of an audio signal to the person.

(21) Application No.5774/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :28/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUTOMATIC FAN BLADE CLEANER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, Agharam Road, Selaiyur, Chennai – 600 073 Tamil Nadu India (72)Name of Inventor: 1)Dr. M. Prem Jeyakumar 2)Dr.J.Hameed Hussain
* * *		
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(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 device and a method for cleaning the ceiling fans. The device has a provision for rotatable brushes along with a means for spraying of water to expedite the cleaning of the fans.

(19) INDIA

(22) Date of filing of Application :31/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : GEAR SYSTEM FOR ACHIEVING INFINITELY VARIABLE TRANSMISSION AND METHOD EMPLOYED THEREOF

(51) International classification (31) Priority Document No	:F16H :NA	(71)Name of Applicant: 1)ARUDRA VENKATT GYANI
(32) Priority Date	:NA	Address of Applicant: 5173, MAC Society, BHEL, R. C.
(33) Name of priority country	:NA	Puram, Hyderabad- 502032, Telangana, India. Telangana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARUDRA VENKATT GYANI
(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 gear system for achieving an infinitely variable transmission comprising an input shaft for receiving rotational input into the transmission system and output shaft for delivering rotational output from the transmission system, a flywheel component for applying resistive forces of inertia into the transmission wherein the flywheel stores and stabilizes rotational energy in the transmission system, a high gear reduction mechanism achieved by assembly of one or more epicyclic gears wherein the flywheel accelerates with increasing difference of angular velocity between the input shaft and the output shaft, wherein the high gear reduction mechanism is based on the equation. (a)Z=(n+a)R-(n)X, where Z is angular velocity of flywheel, X is angular velocity of input shaft and R is angular velocity of output shaft, n & a are integer constants where a << n or a < n. The gear ratios vary from 0 to 1, wherein another gear can be meshed with the output shaft to achieve overdrive gear ratios.

(21) Application No.5784/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :28/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: FAN BLADE DESIGN STRUCTURE FOR MORE AIR FLOW

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, Agharam Road, Selaiyur, Chennai – 600 073 Tamil Nadu India (72)Name of Inventor: 1)Dr. X.Charles 2)Dr.J.Hameed Hussain
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	3)Dr.M.Prem Jeyakumar

(57) Abstract:

This invention discloses a novel design of a fan blade, wherein the blade is designed like that of a fish scale. This aerodynamic design helps to achieve more air flow.

(21) Application No.5788/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :28/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: GPS BASED BAG

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01S :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BHARATH UNIVERSITY Address of Applicant:173, Agharam Road, Selaiyur, Chennai â& 600 073 Tamil Nadu India (72)Name of Inventor: 1)Dr.K.P. Kaliyamurthie
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)Dr.J.Hameed Hussain 3)Dr.M.Prem Jeyakumar

(57) Abstract:

This invention discloses a GPS enable bag whose location can be tracked by means of the GPS and standard tracking software installed in a mobile phone or in a computer.

(21) Application No.5835/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :29/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : REMOTE CONTROLLED AIR CONDITIONING SYSTEM OF A PASSENGER AUTOMOBILE THROUGH GSM

(51) International classification		(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:NA :NA	1)DR.V.SUGUMARAN Address of Applicant :SMBS, VIT UNIVERSITY, CHENNAI
(33) Name of priority country	:NA	CAMPUS, CHENNAI -600 127, Tamil Nadu India
(86) International Application No	:NA	2)MR.AMEET SINGH
Filing Date	:NA	3)MR.SIJU.K.ABRAHAM
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR.V.SUGUMARAN
Filing Date	:NA	2)MR.AMEETSINGH
(62) Divisional to Application Number	:NA	3)MR.SIJU.K.ABRAHAM
Filing Date	:NA	

(57) Abstract:

A method for controlling air conditioning system inside passenger automobile through remote controlled device for sending wireless control signals, a receiver at a vehicle for receiving the signals and generating the air conditioning control signals and hence thereby controlling internal environment of vehicle. Along with it, we have focussed on other method of controlling Air * conditioning system of passenger automobile through GSM (Global System for Mobile Communications) in which control signals will be generated by GSM module thereby controlling climate environment of vehicle. The functionality of both the system proposed is applicable on all types of passenger automobiles and is particularly used when it is parked. There are mainly two conditions which will be checked before starting of either of the systems: 1. Handbrake of the passenger automobile should be "ON". 2. Gear should be in "NEUTRAL".

(21) Application No.5836/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :29/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUTOMATIC WIPER LIFTING SYSTEM FOR AUTOMOBILES PARKED IN HOT CONDITIONS

(51) International classification	:B60S	(71)Name of Applicant:
(31) Priority Document No	:NA	1)DR.V.SUGUMARAN
(32) Priority Date	:NA	Address of Applicant :SMBS, VIT UNIVERSITY, CHENNAI
(33) Name of priority country	:NA	CAMPUS, CHENNAI -600 127, Tamil Nadu India
(86) International Application No	:NA	2)MR.SIJU.K.ABRAHAM
Filing Date	:NA	3)MR.AMEET SINGH
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)DR.V.SUGUMARAN
Filing Date	:NA	2)MR.SIJU.K.ABRAHAM
(62) Divisional to Application Number	:NA	3)MR.AMEETSINGH
Filing Date	:NA	

(57) Abstract:

The wiper lifting system consists of a servo motor, a lifting cam, temperature sensor, microcontroller and relays. The temperature . sensor activates the circuits when the temperature rises beyond the preset limits, thereby rotating the lifting cam which lifts die wiper arm away from the windshield. A microcontroller controls all the operations. The lifted wiper arm is expected to have more life, free from temperature effects of the windshield which is touching otherwise.

(21) Application No.5135/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :25/09/2015 (43) Publication Date : 13/11/2015

$(54) \ Title \ of the invention: NOVEL \ SMALL \ MOLECULES \ OF \ 5-SULFONAMIDE-PYRIMIDINE-2, 4(1H,3H)-DIONE \ DERIVATIVES \ AS \ ANTI-HIV \ AGENTS$

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VENKATA SASIDHAR BALLA
(32) Priority Date	:NA	Address of Applicant :C/O. PROF. RAMAKRISHNA
(33) Name of priority country	:NA	KARIPEDDI INSTITUTE OF SCIENCE, DEPARTMENT OF
(86) International Application No	:NA	CHEMISTRY, GITAM UNIVERSITY, GANDHI NAGAR,
Filing Date	:NA	RUSHIKONDA, VISAKHAPATNAM - 530 045, Andhra
(87) International Publication No	: NA	Pradesh India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VENKATA SASIDHAR BALLA
(62) Divisional to Application Number	:NA	2)KARIPEDDI RAMAKRISHNA
Filing Date	:NA	

(57) Abstract:

Disclosed herein are novel small molecules of 5-substituted sulfonyl amides of pyrimidine-2,4(1 H,3H)-dione [uracil] derivatives, processes for their preparation, pharmaceutical compositions comprising the derivatives, and methods of use thereof for treating various disorders that are related to HIV.

(21) Application No.5852/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ANGRY CHAIR

(51) International classification :A47	C (71)Name of Applicant :
(31) Priority Document No :NA	1)Bharath University
(32) Priority Date :NA	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country :NA	– 600 073. Tamil Nadu India
(86) International Application No :NA	(72)Name of Inventor :
Filing Date :NA	1)Dr.J.Hameed Hussain
(87) International Publication No : NA	2)Dr. X.Charles
(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 determining the state of a person as to whether he is angry or calm. The sensors in the chair determine the mood of the person sitting on it to determine if the person is angry.

(21) Application No.5853/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUTOMATIC TOILET WATER FLUSHER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:E03D :NA :NA :NA :NA	(71)Name of Applicant: 1)Bharath University Address of Applicant:173, Agharam Road, Selaiyur, Chennai – 600 073. Tamil Nadu India (72)Name of Inventor: 1)Dr.P.Naveenchandran
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	2)Dr. X.Charles

(57) Abstract:

This invention relates to a method of providing a flushing for the toilet before and after every use. A sensor senses the presence of a human being and automatically activates the flushing mechanism.

(21) Application No.5854/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ELECTROMAGNETIC RETARDER BRAKING

(51) International classification :B	60T (71)Name of Applicant :
(31) Priority Document No :N	IA 1)Bharath University
(32) Priority Date :N	Address of Applicant :173, Agharam Road, Selaiyur, Chennai
(33) Name of priority country :N	IA – 600 073. Tamil Nadu India
(86) International Application No :N	(72)Name of Inventor:
Filing Date :N	IA 1)Dr.P.Naveenchandran
(87) International Publication No : 1	NA 2)Dr.J.Hameed Hussain
(61) Patent of Addition to Application Number :N	IA
Filing Date :N	TA
(62) Divisional to Application Number :N	TA
Filing Date :N	IA

(57) Abstract:

This invention relates to a method of providing braking solution by means of electromagnetic retarder. EMR is an auxiliary braking system where the retardation force is produced without any contact.

(21) Application No.5874/CHE/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : SPINBIKE - MOTORIZED TROLLEY SUITABLE TO CARRY RINGFRAME ATTENDEES TO ATTEND THE END BREAKS AND OTHER WORKS IN THE RINGFRAME

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:D01H :NA :NA :NA	(71)Name of Applicant: 1)KARTHIKEYAN Address of Applicant: E-302, SREEVATSA RESIDENCY, G.N.MILLS POST, COIMBATORE - 641 029, Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KARTHIKEYAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In Ringframes the attendees will be given work load to lake care no. of sides in Ringframe based on the process parameters like count, ho of spindles in the ringframe, breakage rate and etc... It varies from 1 side to 10 sides. With the given trend of increased spindles in the Ringframes, length of the Ringframe is going on increasing and now it is 80mtrs length. Ringframe attendees finding it very difficult to walk all the way which results in loss of working efficiency, increase in waste, package defects and etc. My invention is a motorized trolley to carry the Ringframe attendees to the place where needs attendance.

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.1215/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR USER AUTHENTICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04L9/30 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Samsung India Electronics Pvt Ltd Address of Applicant: Logix Cyber Park Tower C 8th to 10th floor, Tower D, Ground to 10th floor, Plot No.C - 28-29, Sector - 62, Noida-201301 (U.P), India, Uttar Pradesh India (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	: NA :NA :NA :NA :NA	1)Shubham Joshi 2)Brij Mohan Purohit 3)Saurabh Mishra

(57) Abstract:

The embodiments herein provide a system and method for unlocking a screen of an electronic device. The method includes generating a random number in response to receiving an event in the electronic device. The random number is generated between in a range predefined by a user of the electronic device. Further, the method includes dynamically rendering plurality of items in a shape representing the random number on the screen. Further, the method includes receiving at least one interaction event performed on at least one item rendered in the shape to unlock the screen of the electronic device. Furthermore, the method includes computing an interaction pattern performed on at least one item based on at least one interaction event. Further, the method includes determining a match between the interaction pattern and a preconfigured interaction pattern, and unlocking the screen of the electronic device in response to determining match. FIG. 2

(21) Application No.1280/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "ADAPTIVE TURN SIGNAL CONTROL SYSTEM"

(51) International classification	:H04N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HERO MOTOCORP LIMITED
(32) Priority Date	:NA	Address of Applicant :34 COMMUNITY CENTER, BASANT
(33) Name of priority country	:NA	LOK, VASANT VIHAR, NEW DELHI-110057 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARJUN BHASIN
(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 turn indicator control system for a vehicle including at least one turn indicator, a data storage device to store at least one set of time values for switching OFF the turn indicator, and a controller. The controller is configured to generate a control signal for switching ON the turn indicator based on a user control signal for switching ON the turn indicator, and to generate a control signal for switching OFF the turn indicator based on at least one of a receipt of a user control signal for switching OFF the turn indicator and the at least one set of time values. The controller is further configured to update the at least one set of time values based on a time of receipt of the user control signal for switching OFF the turn indicator.

(21) Application No.1281/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "BRAKING SYSTEM FOR SADDLE RIDING TYPE VEHICLE"

:B68C	(71)Name of Applicant:
:NA	1)HERO MOTOCORP LIMITED
:NA	Address of Applicant :34 COMMUNITY CENTER, BASANT
:NA	LOK, VASANT VIHAR, NEW DELHI-110057 Delhi India
:NA	(72)Name of Inventor:
:NA	1)BASKAR ANTONY SAMY
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

A braking system for a saddle riding type vehicle is disclosed. The braking system comprises a brake pedal, a cam member, a side stand member and a stand link. The brake pedal is pivotally mounted on a lower portion of a main frame body of the saddle riding type vehicle. The cam member is pivotally mounted to the lower portion of the main frame body where a side surface of the cam member slidably abuts against the brake pedal. The stand link is adapted to be pivotally connected to the cam member and the side stand member. The stand link actuates the cam member and thereby the brake pedal during the movement of the side stand member of the saddle riding type vehicle.

(21) Application No.1409/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AN IMPROVED AQUEOUS METHOD FOR PRODUCING TRANSPARENT ALUMINUM OXYNITRIDE (AION) ARTICLES"

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(51) International classification	:C22C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INTERNATIONAL ADVANCED RESEARCH CENTRE
(32) Priority Date	:NA	FOR POWDER METALLURGY AND NEW MATERIALS
(33) Name of priority country	:NA	(ARCI)
(86) International Application No	:NA	Address of Applicant :PLOT NO. 102, INSTITUTIONAL
Filing Date	:NA	AREA, SECTOR-44 GURGAON-122003, HARYANA. Haryana
(87) International Publication No	:NA	India
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAJENDRAN SENTHIL KUMAR
(62) Divisional to Application Number	:NA	2)ROY JOHNSON
Filing Date	:NA	

(57) Abstract:

The invention discloses an improved aqueous processing method for making sintered polycrystalline transparent Aluminum Oxynitride (AION) articles which comprises, the steps involving (a) producing AION powder using stoichiometric mixture of high pure alumina and AIN powders (b) provision of hydrolysis protection layer over AION particles through surface modification treatment using an inorganic or organic phosphoric acid compound (c) preparing high solid loaded aqueous AION suspension with sintering aids (d) shaping through slip casting to obtain green bodies (d) drying and primary heat treating the green bodies at temperatures between about 400ŰC and about 800ŰC for the removal of organic residues (e) sintering the resulting green bodies at temperatures between about 1700ŰC and about 2100ŰC to obtain transparent AION articles. Example of the sintered polycrystalline transparent AION articles which can be made by this method are transparent armors, supermarket scanner windows, IR windows and domes, windows for laser, ceramic semiconductors, ceramic lamp envelops and alternative to sapphire.

(21) Application No.1208/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: TOUCH & VANISH

(57) Abstract:

Removes stains from clothes without wash

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: DOUBLE DISK ULTRASONIC ASSISTED MAGNETIC ABRASIVE POLISHING SETUP

(51) International algorities	.C01N	(71) Name of Amiliant.
(51) International classification	:GUIN	(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)PANDEY PULAK MOHAN
(61) Patent of Addition to Application Number	:NA	2)SUMIT KUMAR
Filing Date	:NA	3)KALA PRETEEK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided herein is a device and process for polishing of non ferromagnetic planar workpieces that includes the use of two aluminum disks, which contains four set of permanent magnetic disk, which are located opposite to and spaced from one another so as to form a magnetic field with a magnetic flux extending perpendicular to the magnets. The work piece is mounted on a aluminium tray such that the magnetic flux passes through the workpiece. The aluminium tray and hence the workpiece is subjected to ultrasonic vibration by the ultrasonic horn. The magnetic abrasive powder is supplied in the working gap over the work piece. A relative motion between the magnetic abrasive brush is and the workpiece is provided by rotating the upper aluminium disk, the bottom disk automatically rotates with the upper disk as the both are magnetically coupled, which removes the undesired material from the planar workpiece. In order to get a uniform finish, the workpiece is given feed along the X-Y plane according to the CNC programme.

(21) Application No.1473/DEL/2012 A

(19) INDIA

(22) Date of filing of Application: 14/05/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention : SOFTWARE REQUIREMENT SPECIFICATION DOCUMENT BASED SOFTWARE TESTING EFFORT ESTIMATION.

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H04L 29/06 :NA :NA :NA	(71)Name of Applicant: 1)DR. DHARMENDER SINGH KUSHWAHA Address of Applicant: ASSOCIATE PROFESSOR, COMPUTER SC. & ENGINEERING DEPTT. MNNIT ALLAHABAD 211004 Uttar Pradesh India
(86) International Application No	:NA	2)MR. ASHISH SHARMA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)DR. DHARMENDER SINGH KUSHWAHA
(61) Patent of Addition to Application Number	:NA	2)MR. ASHISH SHARMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

At the onset, a measure for early estimation of software complexity based on SRS is proposed. Later, the claim presents Requirement Based Software Development Effort Estimation measure (RBDEE) that is based on IRBC. RBDEE measure is systematically derived from the SRS, in order to get a close approximation with existing prevalent practices for effort estimation like algorithmic, function point analysis and use case based software development effort measures. Also, the proposed RBDEE measure is validated against various established development effort measures and results obtained further validate the claim that the measure is robust, comprehensive and compares well with various categories of development effort estimation. This approach is novel and computes Software Development effort at an early phase of software development process. This has not been done by anyone else.

(21) Application No.1474/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : A VERSATILE SOFTWARE DEVELOPMENT EFFORT ESTIMATION METRIC SUITE BASED ON SOFTWARE REQUIREMENT SPECIFICATION DOCUMENT

(51) International classification(31) Priority Document No(32) Priority Date	29/06 :NA :NA	(71)Name of Applicant: 1)DR. DHARMENDER SINGH KUSHWAHA Address of Applicant: ASSOCIATE PROFESSOR, COMPUTER SC. & ENGINEERING DEPTT. MNNIT,
(33) Name of priority country	:NA	ALLHABAD-211004. Uttar Pradesh India
(86) International Application No	:NA	2)MR. ASHISH SHARMA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)DR. DHARMENDER SINGH KUSHWAHA
(61) Patent of Addition to Application Number	:NA	2)MR. ASHISH SHARMA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Requirement engineering is a disciplined application of proven principles, methods, tools and notations to describe the behavior of a system. Generally project suffers because of improper determination and documentation of software requirements. The intricacies in software development processes are often not understood by client. Hence, requirements submitted by client need a careful examination. In order to produce proper artifact, it is necessary that the software requirements should be documented on the basis of the recommendations of IEEE 830:1998 document. For the generation of software requirement specification (SRS) of the proposed software to address these issues, a measure for early estimation of software complexity based on SRS of yet to be developed software is proposed. This complexity measure serves as basis for computing and deriving early estimation of software development effort too. The results obtained from the proposed measure are able to establish that the measure is as accurate and precise as compared to various existing measures that are based on the algorithm I parameters, software code, function point analysis and use case points. All this is accomplished using SRS document at an early phase of software development process. The proposed measure is robust, comprehensive, early alarming and compares well with other prevalent measures proposed in the past.

(19) INDIA

(22) Date of filing of Application :06/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: A METHOD AND SYSTEM FOR PROVIDING RECOMMENDATIONS TO ONE OR MORE USERS

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)iYogi Limited
(32) Priority Date	:NA	Address of Applicant :c/o Multiconsult Limited, 33, Edith
(33) Name of priority country	:NA	Cavell Street, Les Cascades Building, Port Louis, Mauritius
(86) International Application No	:NA	Mauritius
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Krishnendu Guha
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A user recommendation system for providing personalized recommendations to one or more users among a group of users having a behavior metrics is disclosed. The user recommendation system comprises of a recommendation data repository configured to store the data relating to each recommendations and an user data repository configured to store data relating to each user. The user recommendation system further comprises of a processor having a user identification module, selectively in operative communication with the user data repository, configured to generate a unique identification parameter for each user based on the behavior metrics of the respective user. The unique identification parameter comprises of a ranking indicative showing the ranking status of the user. The processor further having a recommendation module, selectively in operative communication with the recommendation data repository, configured to identify an identification parameter associated with one or more recommendation and a data comparison module, selectively in operative communication with the user identification module and the recommendation module, configured for matching the identified identification parameter of one or more recommendations with the unique identification parameter of each user among the group of users to estimate the likeliness of one or more recommendations being of interest to the users. The data comparison module is further configured to classify the users as an interested or non-interested user and to provide the personalized recommendations to each interested user among the group of users. Figure 4

(21) Application No.1417/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 13/11/2015

$(54) \ Title \ of the \ invention: "A \ BIO \ PESTICIDAL \ COMPOSITION \ FOR \ PROTECTION \ OF \ SEEDS \ \& \ GRAINS \ FROM \ STORAGE \ INSECTS \ PESTS"$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:AOIN :NA :NA :NA	(71)Name of Applicant: 1)NATIONAL RESEARCH DEVELOPMENT CORPORATION Address of Applicant: 20-22, ZAMROODPUR COMMUNITY CENTRE, KAILASH COLONY EXTENSION, NEW DELHI-110048. Delhi India (72)Name of Inventor: 1)SURENDRA NATH TIWARI 2)ANIL KUMAR 3)NILANJAN DUTTA 4)DIWAKAR SINGH 5)RAKESH KUMAR SINGH
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(57) Abstract:

A bio pesticidal composition for protection of seeds 85 grains from storage insects pests comprising the plant parts of:

(19) INDIA

(22) Date of filing of Application :09/05/2012

(43) Publication Date: 13/11/2015

$(54) \ Title \ of the \ invention: "A \ BIO \ PESTICIDAL \ COMPOSITION \ FOR \ PROTECTION \ OF \ SEEDS \ \& \ GRAINS \ FROM \ STORAGE \ INSECTS \ PESTS"$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:A01N :NA :NA :NA :NA :NA :NA :NA :1697/DEL/2006 :24/07/2006	(71)Name of Applicant: 1)NATIONAL RESEARCH DEVELOPMENT CORPORATION Address of Applicant: 20-22, ZAMROODPUR COMMUNITY CENTRE, KAILASH COLONY EXTENSION, NEW DELHI-110048. Delhi India (72)Name of Inventor: 1)SURENDRA NATH TIWARI 2)ANIL KUMAR 3)NILANJAN DUTTA 4)DIWAKAR SINGH 5)RAKESH KUMAR SINGH
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(57) Abstract:

A bio pesticidal composition for protection of seeds & grains from storage insects pests comprising the plant parts of:

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SHARING EXCESS COMMITTED NETWORK APPLIANCE RESOURCES"

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)CISCO TECHNOLOGY, INC
(32) Priority Date	:NA	Address of Applicant :170 WEST TASMAN DRIVE SAN
(33) Name of priority country	:NA	JOSE, CALIFORNIA 95134-1706, U.S.A. U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DORON, OZ
(87) International Publication No	:NA	2)UBEROI, ROHIT
(61) Patent of Addition to Application Number	:NA	3)JOSHI, DUSHYANT
Filing Date	:NA	4)M. SIVAKUMAR, SENTHIL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In one embodiment, excess committed network appliance resources are sh:tred for providing services within a network appliance. One approach maintains seJVice resources in a committed service resource pool and one or more other pools of serYice resources. Service resources are taken from a corresponding pool as needed. Service resources are reallocated to the committed resource pool as needed to ensure that service resources are available to service corresponding packet streams at their corresponding committed rate. Examples of such services provided by a network appliance include, but are not limited to, network address translation (NAT), firewall, Internet Protocol Security (IPsec), virtual private network (VPN), or deep packet inspection (DPI) services. 21

(21) Application No.168/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :19/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUTOMATIC TRAIN OPERATION DEVICE

(51) International classification	·B61L27/04	(71)Name of Applicant:
(31) Priority Document No	:2014- 011135	1)Hitachi, Ltd. Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
(32) Priority Date	:24/01/2014	Tokyo 100-8280, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ODA Atsushi
Filing Date	:NA	2)OHMURA Masafumi
(87) International Publication No	: NA	3)SUGAWARA Toshiharu
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Even when a regenerative brake is invalidated, the deterioration in stopping accuracy and riding comfort due to frequent switches of brake commands is prevented. An automatic train operation device to automatically stop a train at a fixed position of a station includes a first running pattern (407) that is based on a deceleration when an air brake is independently actuated corresponding to a predetermined notch, and a second running pattern (404) that is based on a deceleration when the air brake and a regenerative brake are cooperatively actuated corresponding to a predetermined notch. At the start of a stopping control, based on the second running pattern (404), a notch command for the stop at the fixed position is performed to the air brake and the regenerative brake. Thereafter, when the regenerative brake is invalidated, or when the invalidation of the regenerative brake is predicted, the notch command is loosened. Then, when the kilometer-base distance and speed of the train cross the first running pattern (407), the switch to the first running pattern (407) is performed, and a notch command is performed to the air brake, so that the train is stopped at the fixed position.

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "AN ECO-FRIENDLY REVERSE OSMOSIS BASED WATER PURIFIER HAVING ZERO WASTE WATER DISCHARGE†•

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Mahesh Gupta
(32) Priority Date	:NA	Address of Applicant :H-35Â South Extension Part IÂ New
(33) Name of priority country	:NA	Delhi 110 049Â India Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Mahesh Gupta
(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 eco friendly reverse osmosis based water purifier having zero waste water discharge comprising wherein at least one reverse osmosis (RO) membrane and flow restricting means are provided along with and at least one water chamber divided in two part construction or two separate chambers wherein one part or one chamber is for collecting purified water through reverse osmosis membrane and another part or other chamber is for collecting the discharged waste water from RO membrane. Also the present invention relates to a method for performing the water purification by a reverse osmosis based water purifier wherein firstly subjecting the water to reverse osmosis membrane and flow restricting means and collecting the purified water and discharged waste water in separate chambers or in two different parts of water purifier. Also, the present invention relates to a reverse osmosis based water purifier wherein the flow restricting mean is provided with a solenoid valve disposed across the flow restricting mean and operationally configured with the controller with or without an electronic control unit, so as to achieve the flushing of RO membrane at different desired time intervals. (Figure 5)

No. of Pages: 36 No. of Claims: 21

(21) Application No.1469/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AN ADAPTIVE CONTROL DEVICE AND THE PROCESS OF OPERATING THE ADAPTIVE CONTROL DEVICE STIMULATING DIFFERENT NEURAL SUBSTRATE"

(51) International classification	:G06N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NEURO REHAB SERVICES LLP
(32) Priority Date	:NA	Address of Applicant :S - 132, GREATER KAILASH - II
(33) Name of priority country	:NA	NEW DELHI - 110048 INDIA., Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. ANIRBAN DUTTA
(87) International Publication No	:NA	2)DR. YOGESH RATHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an adaptive control device (2) for stimulating different neural substrate, comprising at least one recording sensor (1) for measuring electrical potential produced by a target neural substrate (4); means for (2) analysing data captured by said at least one recording sensor (1) to detect any abnormally in the acquired data; at least one simulation electrode (3) enabled to target an abnormal neural substrate upon detection and implement an appropriate protocol to electrically stimulate the targeted neural substrate to normalize the abnormality; wherein the selected protocol comprises one of electrical current amplitude, duration, waveform, besides others and/or combination thereof, wherein the initial configuration and properties such as on shape, size, electrical conductivity of the recording sensor (1) and the stimulation electrode (3) are selected based on aprioro information from conventional imaging, wherein the initial configuration of the sensor (1) and the electrode (3) is adaptively changeable based on online detection and simulation, and wherein the neural substrate is targeted based on individual 3-dimensional model derived from conventional imaging techniques.

No. of Pages: 15 No. of Claims: 4

(21) Application No.1868/DEL/2012 A

(19) INDIA

(22) Date of filing of Application: 18/06/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: "FORMULATION AND EVALUATION OF ORAL DISPERSIBLE TABLETS IN COMBINATION OF LEVOCETIRIZINE DIYDROCHLORIDE, PARACETAMOL AND MONTELUKAST SODIUM USING DRY GRANULATION METHOD"

(51) International classification	:A61K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VIPIN SAINI
(32) Priority Date	:NA	Address of Applicant :MAHARISHI MARKANDESHWAR
(33) Name of priority country	:NA	UNIVERSITY, MULLANA AMBALA (HARYANA)-133207
(86) International Application No	:NA	Haryana India
Filing Date	:NA	2)SUMEET GUPTA
(87) International Publication No	: NA	3)DEEPAK GARG
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIPIN SAINI
(62) Divisional to Application Number	:NA	2)SUMEET GUPTA
Filing Date	:NA	3)DEEPAK GARG

(57) Abstract:

Oral dispersible tablets (ODTs) are the novel dosage form rapidly disintegrates in the mouth (1-3 min) without chewing upon oral administration and without the need of water. The main aim of our study is to formulate the ODTs get immediate effect rather to obtain in 10-15 min for chronic respiratory diseases. Methodology Dry granulation technique proves a new valuable research in this NDDS. In this method, the initial blend of powders (levocetirizine + Paracetamol + Montelukast sodium + Binder) is forced into the dies of a large capacity tablet press and is compacted by means of flat faced punches, to form slugs and the process is called slugging. The slugs are then screened to produce a granular form of mixture, this granular mixture is subjected into compression machine to get required product. Out of 9 batches, one batch give significant results in the parameter disintegration time which is 32 seconds compared to other batches of same formulation which were increases in disintegration time. The other parameters were also found to be significant in the same batch like friability, weight variation and, flow properties of mixture. This is the preliminary findings which may be give the better results in pediatric and geriatric patients for rapid onset of action compared to liquid dosage form.

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

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 13/11/2015

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

(51) International classification :H04W 16/14 (71)Name of Applicant: (31) Priority Document No 1)SONY CORPORATION :2012128217 (32) Priority Date Address of Applicant :1-7-1 Konan Minato- ku ,Tokyo :05/06/2012 (33) Name of priority country 1080075 Japan :Japan (86) International Application No :PCT/JP2013/057237 (72)Name of Inventor: Filing Date :14/03/2013 1)TAKANO Hiroaki (87) International Publication No :WO 2013/183332 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Provided is a communication control device that is equipped with: a terminal device that is provided with a wireless communication service via a first operator, said terminal device being capable of communicating wirelessly by using one primary frequency band and one or more auxiliary frequency bands; a wireless communication unit for communicating wirelessly; and a control unit that controls access of the terminal device in such a manner that a frequency band, which is temporarily used by the first operator, among one or more frequency bands maintained by a second operator is not used as the first primary frequency band of the terminal device.

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

(21) Application No.1452/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "ISOLATION AND CHARACTERIZATION OF MOLECULES(PM-2) FROM CINNAMON AND ITS ANTIGLYATING POTENTIAL

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S INDIAN COUNCIL OF MEDICAL RESEARCH
(32) Priority Date	:NA	Address of Applicant: V. RAMALINGASWAMI BHAWAN,
(33) Name of priority country	:NA	ANSARI NAGAR, NEW DELHI-110029 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GEEREDDY BHANUPRAKASH REDDY
(87) International Publication No	:NA	2)PUPPALA MUTHENNA
(61) Patent of Addition to Application Number	:NA	3)CHANDRASEKHAR AKILESHWARI
Filing Date	:NA	4)GANUGULA RAGHU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a compound with a general formula A, isolated from the bark of spice, Cinnamomum zeylanicum, having AGE inhibitory activity. HO OH General formula compound A The invention further discloses a process for the isolation of the said compound comprising the steps of grinding the bark of the cinnamon plant into a fine powder and extracting the same into water followed by extraction with ethanol, to obtain the ethanol extract, extraction of the ethanol extraction with ethyl acetate, separating the high molecular weight insoluble material by and concentrating the same followed by $\hat{A}\cdot$ chromatographic separation of the concentrate to obtain the compound.

No. of Pages: 58 No. of Claims: 16

(21) Application No.1453/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "CONSTRUCTION OF AMPEROMETRIC BIOSENSORS FOR DETERMINATION OF GLYCATED HEMOGLOBIN (HB AIC) IN WHOLE BLOOD UTILIZING FRUCTOSYL AMINO ACID OXIDASE, NANOMATERIALS AND CONDUCTING POLYMER COMPOSITE FILM"

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)M/S INDIAN COUNCIL OF MEDICAL RESEARCH
(32) Priority Date	:NA	Address of Applicant : V. RAMALINGASWAMI BHAWAN,
(33) Name of priority country	:NA	ANSARI NAGAR, NEW DELHI - 110029 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)C.S. PUNDIR
(87) International Publication No	:NA	2)SHEETAL CHAWLA
(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 Amperometric biosensors for quantitative analysis of HbAlc in blood comprising FAO/MnNPsfcMW CNT/PANI/Au electrode and FAO/ZnONPs/PPy I Au electrode, where FAO:Fructosyl aminoacid oxidase MnNPs: Manganese nanoparticles ZnOPs:Zinc oxide nanoparticles CMWCNT:Carboxylated multiwalled carbon nanotubes PANI: Polyaniline PPy: Polypyrrole Au: Gold

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

(21) Application No.1866/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012 (43) Publication Date : 13/11/2015

$(54) \ Title \ of the invention: "DEVELOPMENT \ AND \ CHARACTERIZATION \ OF \ NANO-CARRIER \ MODULES \ FOR \ MACROPHAGE \ TARGETED \ ANTIUBERCULAR \ MULTIDRUG \ THERAPY"$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)PARVEEN GARG Address of Applicant: I.S.F. COLLEGE OF PHARMACY, MOGA(PUNJAB) INDIA Punjab India (72)Name of Inventor: 1)RAJ KUMAR NARANG 2)RAMJI DASS BUDHIRAJA 3)AMIT GOVAL
(61) Patent of Addition to Application Number Filing Date	:NA :NA :NA	3)AMIT GOYAL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to the development and characterization of nano-carrier modules for macrophage targeted anti-tubercular multidrug therapy. This invention also relates to the high concentration of anti-tubercular drugs (ATDs) in the selectively cellular tropics of infection compared to blood plasma pool region by formulating novel ligand appended liposomal delivery systems with increased bioavailability and site specificity.

No. of Pages: 27 No. of Claims: 7

(22) Date of filing of Application :18/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SIMULTANEOUS ESTIMATION OF LEVOCETIRIZINE DIYDROCHLORIDE, PARACETAMOL AND MONTELUKAST SODIUM IN COMBINATION TABLET DOSAGE FORM"

		(71)Name of Applicant:
(51) International classification	:A61K	1)VIPIN SAINI
(31) Priority Document No	:NA	Address of Applicant :MAHARISHI MARKANDESHWAR
(32) Priority Date	:NA	UNIVERSITY, MULLANA AMBALA(HARYANA)-133207
(33) Name of priority country	:NA	Haryana India
(86) International Application No	:NA	2)SUMEET GUPTA
Filing Date	:NA	3)DEEPAK GARG
(87) International Publication No	: NA	4)VICHITRA KAUSHIK
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VIPIN SAINI
(62) Divisional to Application Number	:NA	2)SUMEET GUPTA
Filing Date	:NA	3)DEEPAK GARG
		4)VICHITRA KAUSHIK

(57) Abstract:

High performance liquid chromatography is the novel technique of separation from mixture of components into individual components through which the simultaneous estimation of three or more drugs can be easily determined under suitable laboratory conditions. The retention times were 2.848, 3.342 and 7.941 min for Levocetirizine Dihydrochloride, Paracetamol and Montelukast Sodium, with flow rate 1 ml/min. respectively. The proposed method provided linear responses within the concentration 1-10 ug/ml, 25-75 ug/ml and 2-20 ug/ml. Correlation coefficients (r) of the regression equations were greater than 0.999 in all cases. All the process has been carried under ambient temperature. The proposed methods successfully applied for the determination of investigated drugs in tablets.

No. of Pages: 10 No. of Claims: 6

(22) Date of filing of Application :09/05/2014 (43) Publication Date : 13/11/2015

$(54) \ Title \ of \ the \ invention: NOVEL \ 3,4,5-TRIMETHOXYSTYRYLARYLAMINO \ PROPENONES \ AS \ POTENTIAL \ ANTICANCER \ AGENTS$

(51) International alocation	:C07D	(71)Name of Applicant :
(51) International classification	405/00	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(31) Priority Document No	:NA	RESEARCH
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(33) Name of priority country	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AHMED KAMAL
(87) International Publication No	: NA	2)GAJJELA BHARATH KUMAR
(61) Patent of Addition to Application Number	:NA	3)ANVER BASHA SHAIK
Filing Date	:NA	4)VANGALA SANTHOSH REDDY
(62) Divisional to Application Number	:NA	5)MAHESH RASALA
Filing Date	:NA	

(57) Abstract:

The present invention relate to compounds of general formula A. The invention also provides the synthesis of 3,4,5-trimethoxystyrylarylaminopropenones useful as potential antitumor agents against human cancer cell lines and a process for the preparation thereof.

No. of Pages: 100 No. of Claims: 8

(22) Date of filing of Application :20/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: TRIGGERING WORKFLOWS FROM A MULTIFUNCTION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06F3/12 :14/176,363 :10/02/2014 :U.S.A. :NA :NA :NA :NA	· · · · · · · · · · · · · · · · · · ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A three dimensional (3D) printer and method for dispensing a material to form a 3D substructure and for dispensing an adhesive onto the 3D substructure. The adhesive printed onto the 3D substructure may be used to attach the 3D substructure to another substructure such as a conventionally formed substructure or another 3D printed substructure. Printing the adhesive using the 3D printer during the same 3D manufacturing process used to print the 3D substructure may improve precision of the location at which the adhesive is dispensed, thereby improving the quality of superstructure created by joining the substructures. An embodiment of the present teachings may decrease the overall time and cost to attach substructures.

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

(21) Application No.1854/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: ARCHITECTURE OF PRIVACY PROTECTION SYSTEM FOR RECOMMENDDATION SERVICES

(51) International classification(31) Priority Document No	:A47J :NA	(71)Name of Applicant: 1)ALCATEL-LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD
(33) Name of priority country		PARIS 75007, FRANCE France
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)NANDI, ANIMESH
(87) International Publication No	: NA	2)AGHASARYAN, ARMEN
(61) Patent of Addition to Application Number	:NA	3)CHHABRA, ISHAN
Filing Date	:NA	4)BOUZID, MAKRAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method(s) and system(s) for providing privacy to personal information of end users while utilizing recommendation services and personalized content are described. According to the present subject matter, the system(s) implement the described method(s) for providing privacy to personal information of end users. The method for privacy protection includes receiving user consumption data associated with one or more end users where the user consumption data comprises at least a slice of interest profile and associated interest group id of the slice of interest profile; and where the user consumption data is received through a network anonymization layer. The method may further include routing the user consumption data to an interest group aggregator node from amongst a plurality of intermediary nodes based on distributed hash table routing mechanism, and wherein the interest group aggregator node is associated with the interest group id present in the user consumption data.

No. of Pages: 45 No. of Claims: 17

(21) Application No.1854/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/03/2015

(43) Publication Date: 13/11/2015

(54) Title of the invention: CHANNEL ROTATING ERROR CORRECTION CODE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L1/00 :13/605218 :06/09/2012 :U.S.A. :PCT/US2013/056557 :26/08/2013 :WO 2014/039297 :NA :NA :NA	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC. Address of Applicant: 1 AMD Place Sunnyvale California 94085 U.S.A. (72)Name of Inventor: 1)OSBORN Michael 2)HUMMEL Mark 3)MAYHEW David
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(57) Abstract:

A write or read method for use in a computer having multiple channels of memory includes writing or reading data to or from one channel in the memory and simultaneously in parallel writing or reading an error correction code corresponding to the data to or from a different channel in the memory.

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

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ADJUSTABLE GRAFT FIXATION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61F2/08 :61/860,680 :31/07/2013 :U.S.A. :PCT// :01/01/1900	Address of Applicant :Chemin-Blanc 38, 2400 Le Locle, Switzerland Switzerland (72)Name of Inventor : 1)MEGHAN A. PASQUALI
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)MEGHAN A. PASQUALI 2)ADAM C. GUSTAFSON
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

ABSTRACT: Systems and methods for securing a soft tissue graft to bone are provided herein. In one embodiment, a surgical implant can include an elongate body having a longitudinal axis extending therealong and having first and second through-holes that are offset to a first side of the longitudinal axis and a third through-hole that is offset to a second side of the longitudinal axis and that is positioned between the first and second through-holes. The implant can also include a suture length extending through the first, second, and third through-holes such that a self-locking knot is formed on a first side of the body and a plurality of suture loops are formed on a second side of the body opposite the first side. 2578886.1

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

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "ROOF MOUNTED BATTERY BANK CONTAINER FOR BATTERY POWERED ELECTRIC VEHICLE"

(51) International classification	:B60J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SINGAL, CHANDER MOHAN
(32) Priority Date	:NA	Address of Applicant :45C, BB-BLOCK, JANAK PURI,
(33) Name of priority country	:NA	NEW DELHI - 110058, INDIA. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SINGAL, CHANDER MOHAN
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:746/DEL/2012	
Filed on	:15/03/2012	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Detailed technological design and method thereof is given for creating additional space in the form of a roof mounted battery bank container, which also provides for quick replacement of discharged battery bank along with its container by a charged battery bank along with its container of matching design and size, and provides natural air convection and air ventilation around the batteries in the battery bank for extracting the heat generated in the batteries of the battery bank, for use in a battery powered electric vehicle.

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

(21) Application No.155/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: DEVICE FOR ESTIMATING RESIDUAL CAPACITY OF ELECTRICITY STORAGE DEVICE

(51) International classification	:G01R31/36	(71)Name of Applicant:
(31) Priority Document No	:2014- 010034	1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:23/01/2014	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)WADA, Yosuke
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:

If correlation coefficients of respective batteries (3A, 3B, $\hat{a} \in \hat{\phi}$ $\hat{a} \in \hat{\phi}$) calculated by a correlation coefficient calculating means (10) satisfy prescribed conditions, an estimating means (11) combines, with weighting, for every battery, a first residual capacity and a second residual capacity calculating means (6) and a second residual capacity calculating means (9), respectively.

No. of Pages: 19 No. of Claims: 3

(21) Application No.2104/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DPF SYSTEM FOR AN ENGINE GENERATOR

(51) International classification :F01N9/0 (31) Priority Document No :2013- 159627 (32) Priority Date :31/07/20 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)DENYO KABUSHIKI KAISHA Address of Applicant: 2-8-5, Nihonbashi-horidomecho, Chuo- ku, Tokyo-to, Japan, Japan (72)Name of Inventor: 1)SEIJI MATSUO 2)YASUHIRO KOBAYASHI 3)SHINJI MATSUDA 4)TADAHIRO FUJITA
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(57) Abstract:

A DPF system for an engine generator (E,G) that performs a recovery process on a filter (DPF), provided to remove particulate matter generated by combustion of fuel when an amount of the particulate matter in the DPF exceeds a predetermined value, the engine generator performing the recovery process by carrying out an automatic recovery operation to raise a temperature of exhaust gas to combust the particulate matter, the system comprising: a dummy load (L) connected to the engine generator when necessary; and control device (ECU) for allowing the engine to perform a recovery preparation operation in such a manner that, once the amount of the particulate matter exceeds the predetermined value, the recovery operation is performed when the temperature of exhaust gas reaches a reference temperature, and the dummy load is connected to the generator to raise the temperature of exhaust gas when the temperature thereof fails to reach the reference temperature.

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

(21) Application No.2106/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: HYDRAULIC TURBINE AND PIPE

(51) International classification	:F03B11/02	(71)Name of Applicant:
(21) Drievites Decomposit No	:2013-	1)KABUSHIKI KAISHA TOSHIBA
(31) Priority Document No	170681	Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,
(32) Priority Date	:20/08/2013	Tokyo, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NAKAMURA Kazuyuki
Filing Date	:NA	2)MUKAI Toshimasa
(87) International Publication No	: NA	3)KUBOYA Satoru
(61) Patent of Addition to Application Number	:NA	4)KOYAMA Hajime
Filing Date	:NA	5)TOMIOKA Takuya
(62) Divisional to Application Number	:NA	6)NAKAMURA Takanori
Filing Date	:NA	7)NAKAGAWA Naritoshi

(57) Abstract:

A hydraulic turbine according to an embodiment includes a turbine body, a running water surface provided in the turbine body, the running water surface defining a channel for water, and a coating layer provided on the running water surface, the coating layer being formed by water-repellent paint or hydrophilic paint.

No. of Pages: 54 No. of Claims: 16

(22) Date of filing of Application :27/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: GASKET STRUCTURE IN INTERNAL COMBUSTION ENGINE

		(71)Name of Applicant:
(51) International classification	:F16J15/02	1)HONDA MOTOR CO., LTD.
(31) Priority Document No	:2014-	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(31) Thomy Document No	012240	ku, Tokyo 107-8556, Japan Japan
(32) Priority Date	:27/01/2014	2)OHTSUKA POLY-TECH CO., LTD.
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KAYOKO TAKEICHI
Filing Date	:NA	2)RYOTA TAKAHASHI
(87) International Publication No	: NA	3)DAISUKE SUGIO
(61) Patent of Addition to Application Number	:NA	4)YASUO TERADA
Filing Date	:NA	5)HIROYUKI YOKOYAMA
(62) Divisional to Application Number	:NA	6)YASUHIKO NAKANO
Filing Date	:NA	7)TOMOFUMI KURAMITSU
		8)YOSHITAKA UCHIDA

(57) Abstract:

A gasket 48 comprises an insertion portion 52 and a flange portion 53 which are integrally formed. The insertion portion 52 is inserted into an insertion groove 49 with one end part of the insertion portion 52 being in contact with a closed end wall 49a of the insertion groove 49. The flange portion 53 is continued from another end part of the insertion portion 52, and includes: an inner flange section 53a extending toward an inner side of a cylinder head 25 and a head cover 26 from a virtual line VL which passes through a widthwise center of the insertion portion 52 and extends in parallel with a clamping direction of the gasket 48; and an outer flange section 53b extending toward an outer side of the cylinder head 25 and the head cover 26 from the virtual line VL. An extension length L1 of the inner flange section 53a from the virtual line VL is set to be larger than an extension length L2 of the outer flange section 53b from the virtual line VL. [SELECTED DRAWING] FIG. 8

No. of Pages: 39 No. of Claims: 9

(21) Application No.10702/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :15/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING SYSTEM

(51) International classification (31) Priority Document No	:G06F :2012154391	(71)Name of Applicant: 1)OKI ELECTRIC INDUSTRY CO. LTD.
(32) Priority Date	:10/07/2012	Address of Applicant :1 7 12 Toranomon Minato ku Tokyo
(33) Name of priority country	:Japan	1058460 Japan
(86) International Application No	:PCT/JP2013/066517	(72)Name of Inventor:
Filing Date	:14/06/2013	1)SASAKI Akihiro
(87) International Publication No	:WO 2014/010368	2)NOROTA Youichi
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is an information processing device set up between a cash processing terminal group in a local network and an external network that is external to the local network. The information processing device comprises: an information acquisition unit that acquires in the local network a serial number obtained by reading paper money using a cash processing terminal that constitutes the cash processing terminal group and a paper money recognition result from the cash processing terminal; a storage control unit that associates the serial number and the recognition result and stores said serial number and recognition result in the storage unit; and a comparison unit that if the serial number and a paper money recognition result have been acquired from any of the cash processing terminals constituting the cash processing terminal group compares the recognition result of the paper money in question and the recognition result that has been associated with the serial number and stored.

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

(21) Application No.1485/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "SPONGY TIN DOPED INDUM OXIDE (ITO) AND PROCESS FOR THE PREPARATION THEREOF"

(51) International classification(31) Priority Document No(32) Priority Date	:C07C :NA :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No Filing Date	:NA :NA	MARG NEW DELHI-110 001, DELHI Delhi India (72)Name of Inventor:
(87) International Publication No	:NA	1)BISWAS PRASANTA KUMAR
(61) Patent of Addition to Application Number	:NA	2)JANA SUNIRMAL
Filing Date	:NA	3)DAS NILANJANA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Preparation of organic-inorganic composite indium tin oxide (ITO) foam and spongy ITO by sol-gel process is presented. The preparation process includes doping of Sn in In2O3 (In; Sn = 99; 01 to 90;10) in precursor sol (4-8 wt% equivalent metal oxides content) starting from aqueous solution of metal salts and an organic binder. This newly made spongy porous ITO foam possesses relatively high electrical conductivity may have potential applications in various fields including DSSC and QD based organic-inorganic hybrid solar cell which presently belongs to the frontier research area as an energy related system.

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

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PLASTIC BACK DOOR

(51) International classification	:E06B1/34	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)SUZUKI MOTOR CORPORATION
(31) Thomas Bocument No	161488	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:02/08/2013	Hamamatsu-shi, Shizuoka-ken, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HAYASHI, Katsuaki
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 plastic back door that can secure stiffness and resistance to shock without depending on metal parts and is advantageous to reduction in weight and cost. [Solution]In a plastic back door 1, an outer panel 2 and an inner panel 3 are integrally joined to each other in peripheral portions thereof, an upper end portion 11 is pivotally connected to an upper side of a vehicle body back opening by means of hinges 5, a latch 6 attached to a lower end portion 14 is engageable and disengageable with a striker fixed to a lower side of the vehicle body back opening, and a harness 7 for connecting the upper end portion 11 to a main body portion 13 is arranged in an internal space. In the plastic back door 1 thus configured, right and left sides of the window opening are respectively defined by pillar portions 12; a pair of ribs 33 is projectingly provided on an inner surface of the at least one pillar portion, the inner surfaces facing the internal space of the inner panel; a passage 33c for arranging the wire cable and/or the harness 7 is defined between the pair of ribs 33; and a reinforcing long-fiber 33f is insert-molded into a cross-section of the inner panel along the passage. [Selected Drawing] Figure 1

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

(21) Application No.225/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD FOR SYNTHESISING POLYARYLETHERKETONES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G61/12 :12.57068 :20/07/2012 :France :PCT/FR2013/051735 :18/07/2013 :WO 2014/013202 :NA :NA :NA	(71)Name of Applicant: 1)ARKEMA FRANCE Address of Applicant:420 Rue dEstienne dOrves F 92700 Colombes France (72)Name of Inventor: 1)LE Guillaume 2)JOUANNEAU Julien 3)AMSTUTZ Jérome
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(57) Abstract:

The invention relates to a method for synthesising polyaryletherketones having low residue content either being residual monomers or solvents from the synthesis method.

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

(22) Date of filing of Application :27/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "ADVANCED HYBRID DIESEL/BATTERY POWER SOLUTION FOR TELECOM BASE STATIONS"

(51) International classification	:A61M	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ORUN ENERGY GLOBAL
(32) Priority Date	:NA	Address of Applicant :4TH FLOOR, LES JAMAIACS
(33) Name of priority country	:NA	BUILDING, VIEUX CONSEIL STREET, PORT LOUIS (MU)
(86) International Application No	:NA	Mauritius
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)SMITH, KWABENA RANGI
(61) Patent of Addition to Application Number	:NA	2)UKABAM, MICHAEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A power management system for efficiently managing power resources in a telecommunication facility is disclosed. The power management system comprises of at least one primary source of power for supplying power to the telecommunication facility. A battery bank is provided acting as an alternate source for providing power to the telecommunication facility. The battery bank comprises of one or more main batteries configured for supplying power when the telecommunication facility is unable to receive power h m the primary source of power and one or more emergency batteries configured for supplying power when the main batteries have run out of power and the telecommunication facility is unable to receive power from the primary source of power. A site controller is provided for automatically switching a power load between the primary source of p e r , the main batteries and the emergency batteries and depending on a remaining power load in the main batteries or the emergency batteries, automatically performing switching OFF of one or more non-essential equipments at the telecommunication facility and/or switching OFF a first equipment at the telecommunication facility, wherein the second equipment is a functional equivalent of the h i equipment and the second equipment consumes lesser power as compared to the first equipment.

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

(21) Application No.1835/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SWAP & CLEAN LIQUID SOAP DISPENSOR"

(51) International alassification	. 4.471	(71)Nama of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)VINAY KATIYAR
(32) Priority Date	:NA	Address of Applicant :X-1/140-A, KRISHNAPURAM
(33) Name of priority country	:NA	KANPUR, UTTAR PRADESH, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VINAY KATIYAR
(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 Swap & Clean liquid soap dispenser_helps to save (1) money (the detergent cake which is used in most of the homes for cleaning utensils, the most part of it melts in water and we loose our money). (2) liquid soap (At present there is so many brands of liquid soap for utensils cleaning, but you have to put some drops of that on the sponge or cloths by squeezing the bottle of liquid, (some more pressure and more liquid will come out accidentally)) and then wash your utensils. Therefore lots ofwaste of soap. (3) Time (We can continue with the old habit of swapping over the detergent soap.). Because there is a button in this dispenser, when we swap with a sponge or cloth over this button, a small quantity of liquid comes out and absorbed by the sponge or cloth automatically, there is no waste of liquid. It is easy to handle. Easy to refilling of your choice of liquid soap for cleaning utensils or hands

No. of Pages: 8 No. of Claims: 1

(22) Date of filing of Application :28/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : WINDOW/ DOOR SYSTEM WITH FLAT TRACK HAVING "⊏†• -SHAPED ROLLER SUPPORTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10-2014- 0021779	(71)Name of Applicant: 1)KIM, SOON SEOK Address of Applicant:154, Deungwon-ri, Jori-eup, Paju-si, Gyeonggi-do, 413-821, Republic of Korea. Republic of Korea (72)Name of Inventor: 1)KIM, SOON SEOK
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(57) Abstract:

There is provided a window/door system with a flat track having $\hat{a} \in \mathbb{Z} = 0$ -shaped roller supports to provide a nice appearance and to improve air tightness and water tightness by reducing the number of grooves exposed on a window/door frame when a window/door is opened, by using the roller supports in a cross sectional shape of $\hat{a} \in \mathbb{Z} = 0$ which is open at one side. The window/door system with the flat track according to the present invention comprises: a rail unit stably positioned lengthwise in a window/door frame, the rail unit including a rail panel in a flat shape, rails to allow the window/door to move in the sliding motion on the rail panel, and a rail cover 10 joining channel expending to protrude upward from a top surface of the rail panel; a $\hat{a} \in \mathbb{Z} = 0$ -shaped roller support including rollers, a roller mounting section in a lower position under which the rollers are mounted, a window/door connecting section in a upper position, and a connection section connecting one end of the roller mounting section and one end of the window/door 15 connecting section to each other, thereby forming a cross sectional shape of $\hat{a} \in \mathbb{Z} = 0$ which is open at one side, wherein a pair of the roller supports is installed such that the open sides of the $\hat{a} \in \mathbb{Z} = 0$ shapes face each other and the rollers are stably positioned on the rails of the rail unit; a rail cover having: a rail covering panel and rail cover joining flanges extending to protrude downward under the 20 rail covering panel and to securely fit into the rail cover joining channel of the rail unit, wherein the rail cover is poisoned between in each $\hat{a} \in \mathbb{Z} = 0$ shaped roller support installed to face each other such that the rail covering panel is positioned within each roller mounting section and each window/door connecting section; and a window/door to be securely connected by mounting 25 a lower part of a window/door sash on the window/door connecting section.

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

(21) Application No.10151/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PHARMACEUTICAL FORMULATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C07K 16/28 :61/662621 :21/06/2012 :U.S.A. :PCT/EP2013/062898 :20/06/2013 :WO 2013/190047	3)CLIPSTONE, James, Gregory (72)Name of Inventor :
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	1)YATES ,Andrew ,Jeffrey 2)CLIPSTONE, James, Gregory

(57) Abstract:

The present invention relates to a methods and means for reducing the viscosity of a pharmaceutical formulation comprising an antibody or other therapeutic protein at a high concentration. The present invention provides a liquid pharmaceutical formulation comprising an antibody at a high concentration with reduced viscosity that does not impede processing or injection of the pharmaceutical formulation.

No. of Pages: 40 No. of Claims: 14

(21) Application No.1423/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "FERMENTATIVE PRODUCTION OF ALCOHOLS"

(71) I	G07G	(71)NJ 6 A P
(51) International classification	:00/0	(71)Name of Applicant:
(31) Priority Document No	:NA	1)BUTAMAX TM ADVANCED BIOFUELS LLC
(32) Priority Date	:NA	Address of Applicant :ROUTE 141 & HENRY CLAY,
(33) Name of priority country	:NA	DUPONT EXPERIMENTAL STATION WILMINGTON, DE
(86) International Application No	:NA	19880, U.S.A. U.S.A.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)PATNAIK, RANJAN
(61) Patent of Addition to Application Number	:NA	2)BHADRA, BHASKAR
Filing Date	:NA	3)BHALLA, RITU
(62) Divisional to Application Number	:NA	4)NAGARAJAN, VASANTHA
Filing Date	:NA	

(57) Abstract:

The invention relates to the development of microorganisms capable of producing fermentation products via an engineered pathway in the microorganisms. The invention also relates to microorganisms with improved cell viability and methods to improve cell viability and cell productivity of a microorganism.

No. of Pages: 497 No. of Claims: 28

(21) Application No.2242/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: HANGING LOAD SUPPORT

(51) International classification	:F16L3/14	(71)Name of Applicant :
(31) Priority Document No	:14/120,104	
(32) Priority Date	:25/04/2014	
(33) Name of priority country	:U.S.A.	Malvern, PA – 19355, USA U.S.A.
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Brett W. Sareyka
(87) International Publication No	: NA	2)Joshua L. Neal
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for supporting loads from a support structure. The load is supported with threaded rods that are connected from above and below a suspended ceiling of roll-formed sheet metal beams. Clips on the rods connected to the beams pass the load through the suspended ceiling grid without bending or twisting the grid, so that the suspended ceiling remains level, balanced, and intact above the suspended load.

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

(21) Application No.284/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :13/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: UNLOCKING UNIT FOR A VEHICLE SEAT AND VEHICLE SEAT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:25/07/2013 :WO 2014/019930 :NA :NA :NA	(71)Name of Applicant: 1)JOHNSON CONTROLS GMBH Address of Applicant: Industriestrasse 20 30 51399 Burscheid Germany (72)Name of Inventor: 1)KUZMA Martin 2)ROVNY Maros
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an unlocking unit (10) for a vehicle seat (1) for unlocking at least two locking devices (90) said unlocking unit transmitting a movement introduced via an actuation element (62) to the at least two locking devices (90) for unlocking purposes. Each locking device (90) is paired with an unlocking element (11,12) said unlocking element (11,12) being in the locked position when the respective locking device (90) is locked and in the unlocked position when the respective locking device (90) is unlocked. A display element (64) which is in the display position when the at least two locking devices (90) are unlocked and which is in the non display position when the at least two locking devices (90) are locked is provided. Each unlocking element (11,12) which can be found in the unlocked position prevents the display element (64) from moving into the non display position and the display element (64) remains in the display position as long as at least one locking device (90) is unlocked.

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

(22) Date of filing of Application :14/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ROTATING MECHANICAL SEAL ARRANGEMENT WITH IMPROVED GAS SEPARATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F16J15/18 :102014208738.4 :09/05/2014 :Germany	(71)Name of Applicant: 1)EAGLEBURGMANN GERMANY GMBH & CO. KG Address of Applicant: Aussere Sauerlacher Str. 6-10, 82515 Wolfratshausen, Germany. Germany
(86) International Application No Filing Date	:NA :NA : NA	(72)Name of Inventor : 1)Wolfgang BERGER
(87) International Publication No(61) Patent of Addition to Application Number Filing Date		2)Michael RIEDL 3)Ernst POCHMANN 4)Josef GERG
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a rotating mechanical seal arrangement (1) for sealing a product side (5) at a rotating component, comprising a first rotating mechanical seal (2) with a first rotating slide ring (21) and a first stationary slide ring (22) which define a first sealing gap (23) between them, a second rotating mechanical seal (3) with a second rotating slide ring (31) and a second stationary slide ring (32) which define a second sealing gap (33) between them, a fluid space (4) which is limited by the first and second rotating mechanical seals (2, 3), wherein the first rotating mechanical seal (2) is lubricated with a product medium of the product side (5), and wherein the second rotating mechanical seal (3) is lubricated with a liquid quench medium of a quench supply unit (7), the quench medium being located in the fluid space (4), a quench outlet (8) via which quench medium may be discharged from the fluid space (4), a gas outlet (9) via which a gas located in the fluid space may be discharged, and a throttle device (10) which is arranged in the fluid space (4) between the first rotating mechanical seal (2) and the second rotating mechanical seal (3) and divides the fluid space (4) into a product-side fluid space region (4a) and an atmosphere-side fluid space (4b), wherein the gas outlet (9) is arranged at the product-side fluid space region (4a) and the quench outlet (8) is arranged at the atmosphere-side fluid space region (4b).

No. of Pages: 16 No. of Claims: 13

(21) Application No.10692/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application: 15/12/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: POINT TAKE OFF AND LANDING OF UNMANNED FLYING OBJECTS

(51) International classification	:B64F 1/00	(71)Name of Applicant:
(31) Priority Document No	:219836	1)YOFFE Meir
(32) Priority Date	:16/05/2012	Address of Applicant :27 HeHalutz St. 58435 Holon Israel
(33) Name of priority country	:Israel	(72)Name of Inventor:
(86) International Application No	:PCT/IL2013/050351	1)YOFFE Meir
Filing Date	:23/04/2013	
(87) International Publication No	:WO 2013/171735	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Point take off and landing systems for an unmanned flying object. In one embodiment the flying object is guided along a flight trajectory and approaches a landing body such that a latching element coupled with a suspension cable suspended from the flying body latches with a receiving latch coupled with an extendable retractable beam projecting horizontally from a landing body side surface. A cable release/retraction mechanism engages and then releases/retracts the suspension cable. The beam is maneuvered to haul the flying object onto a landing surface. In another embodiment the flying object is guided along a flight trajectory and approaches a landing body such that a latching element coupled with a suspension cable suspended from the flying body latches with a receiving cable supported by cable supports projecting vertically from a landing body top surface. A cable release/retraction mechanism releases/retracts the suspension cable hauling the flying object onto the landing surface.

No. of Pages: 97 No. of Claims: 44

(21) Application No.1241/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: KABBADI CARDS GAME BY ASHISH TRIKHA

(51) International classification	:A63F1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ASHISH TRIKHA
(32) Priority Date	:NA	Address of Applicant :150, KOHAT ENCLAVE,
(33) Name of priority country	:NA	PITAMPURA, DELHI-110034. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ASHISH TRIKHA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The Present invention is about a Card Game for simulating the Match of Kabbadi; The Game will be played in the form of two teams competing against each other and like in the Modern International format of the Game, Kabbadi Cards Game will also have two teams with 7 players in each team, represented by 7 different special cards. Each player will have different Pulling Power Points representing their strength. Raider will start the Raid by opening one card and keep on chanting "Kabbadi-Kabbadi" and open the cards of Anti team and if the card has lower value then the Raider card then he (Raider) wins and the Anti card is kept aside as "Out" card. If Raider opens a card having higher value then his card then Raider's card is kept aside as "Out" card. Winner card will be put back, in his team line, face downwards. Both the team Raids each other one by one and tries to out other's players as soon as possible. The team which is able to out all the players of the opposition team is winner.

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

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : THREE-DIMENSIONAL MODEL GENERATION APPARATUS, THREE-DIMENSIONAL MODEL GENERATION METHOD, AND PROGRAM

(51) International classification	:G06K9/36	(71)Name of Applicant:
(31) Priority Document No	:2013- 222481	1)HITACHI, LTD. Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
(32) Priority Date	:25/10/2013	Tokyo 100-8280, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KATSUMURA Yoshiteru
Filing Date	:NA	2)NAKANO Takahiro
(87) International Publication No	: NA	3)NONAKA Youichi
(61) Patent of Addition to Application Number	:NA	4)ERDOS Gabor
Filing Date	:NA	5)VANCZA Jozsef
(62) Divisional to Application Number	:NA	6)LASZIO Monostori
Filing Date	:NA	

(57) Abstract:

Provided is a technology capable of generating a 5 three-dimensional model from measured data. A three-dimensional model generation apparatus includes: a storage unit which stores a three-dimensional model of a structure and a three-dimensional measurement value ofthe structure; a segment generation unit which generates aplurality of segments by dividing the three-dimensional 10 model; aconnection relationship specification unit which specifies a connection relationship of the generated plurality of segments; a shape characteristic specification unit which specifies, based on a part of the plurality of segments and other segments of the plurality of segments specified by the connection relationship and 15 connected to the part of the plurality of segments, a shape characteristic of the three-dimensional model formed from the plurality of segments; a shape informatj-on specification unit which specifies shape information defining the specified shape characteristic; an orientation specification unit which specifies 20 an orientation of the structure based on a distance between a structure matchingthe specified shape characteristic and the specified shape information, and the three-dimensional measurement value; and a model generation unit which generates a three-dimensional model based on the specified shape characteristic, the specified shape 25 information, and the specified orientation.

No. of Pages: 58 No. of Claims: 12

(22) Date of filing of Application :09/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : 16A-HETEROARYL PREGNENOLONE ACETATE AND A PROCESS FOR PREPARATION THEREOF

(51) International classification(31) Priority Document No	:C07D 409/14 :NA	(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
(32) Priority Date	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(33) Name of priority country	:NA	MARG, NEW DELHI-110001, INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANJIB GOGOI
(87) International Publication No	: NA	2)ROMESH CHANDRA BORUAH
(61) Patent of Addition to Application Number	:NA	3)PALLABI SAIKIA
Filing Date	:NA	4)ANTHONY ADDLAGATTA
(62) Divisional to Application Number	:NA	5)VENKATESHWARLU SADDANAPU
Filing Date	:NA	

(57) Abstract:

The present invention relates to Microwave assisted facile Michael addition of benzimidazole and imidazole to steroidal α , $\tilde{A}\tilde{Y}$ - unsaturated ketones under solvent-free condition to afford corresponding Michael adducts 16α -(lH-benzimidazol-l-yl)-pregnenolone acetate (1) and 16α - (lH-imidazol-l-yl)-pregnenolone acetate (2). Compound 1 showed in vitro cytotoxic activities almost comparable to the drug doxorubicin against cervical HeLa cancer cell line (compound 1, IC50 = 8.3317, doxorubicin IC50 = 7.8126), prostate DU 205 cancer cell line (compound 1, IC50 = 12.0192, doxorubicin IC50 = 9.1194) and breast cancer MCF-7 cell line (compound 1, IC50 = 8.2855, doxorubicin IC50 = 7.5094).

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

(21) Application No.2118/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: GENERATOR CONTROL DEVICE

(32) Priority Date (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (87) International Publication Number Filing Date (88) International Publication Number Filing Date (89) Divisional to Application Number Filing Date (80) Divisional to Application Number Filing Date (81) Patent of Addition to Application Number Filing Date (81) Patent of Addition to Application Number Filing Date (81) Patent of Addition to Application Number Filing Date (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) Priority Date Filing ARTIENGESELLSCHAT Address of Applicant: Wittelsbacherplatz 2, 80333 München, Germany Filing ARTIENGESELLSCHAT Address of Applicant: Wittelsbacherplatz 2, 80333 München, Germany Filing Date 1) THOMAS DIPPL 2) GÃ@NTHER GAMBKE 3) HELMUT GOLLWITZER 4) SULTAN HAIDER 5) MATTHIAS WEIG	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:Germany :NA :NA : NA :NA :NA	Address of Applicant: Wittelsbacherplatz 2, 80333 München, Germany Germany (72)Name of Inventor: 1)THOMAS DIPPL 2)GÜNTHER GAMBKE 3)HELMUT GOLLWITZER 4)SULTAN HAIDER
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(57) Abstract:

The invention relates to a generator control device for a system generating x-radiation and to associated operating methods, arrangements and systems. The operating method for a generator control device (GS) has the following steps: - providing configuration data for a system which generates the x-radiation via at least one first communication interface (K), - receiving at least one signal for triggering generation of x-radiation via a second communication interface or the same first communication interface, - receiving information for displaying image data from a unit receiving the x-radiation, and - providing at least one smart device (UI) with this information via possibly a further communication interface (K')

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

(21) Application No.3334/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :18/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : LOCKING ASSEMBLY FOR SECURING ELECTRONIC EQUIPMENT WITHIN AN EQUIPMENT RACK

(51) International classification :H05K7/ (31) Priority Document No :61/907, (32) Priority Date :21/11/20 (33) Name of priority country :U.S.A. (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	· ·
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(57) Abstract:

A locking assembly is provided for securing an electronic module to a chassis of a rack enclosure within a mounting slot of the chassis. The locking assembly includes a lock configured to be secured to a vertical rail of the chassis. The lock further is configured 5 ed to prevent the electronic module from being slidably installed into and removed from its respective mounting slot and to prevent a latch of the electronic module from being opened when the electronic module is secured in place within the chassis of the rack enclosure. The locking assembly further includes a key configured to enable the lock to be removed from the 10 chassis thereby enabling the installation and removal of the electronic module from the chassis.

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

(21) Application No.3335/DEL/2014 A

(19) INDIA

(22) Date of filing of Application: 18/11/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention : MEASURING UNIT FOR MEASURING THE BENDING RADIUS AND THE FORWARDING OF A WORKPIECE IN A BENDING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G01B5/213 :TO2013A000936 :19/11/2013 :Italy :NA :NA : NA :NA	(71)Name of Applicant: 1)CTE SISTEMI S.r.l. Address of Applicant: Via Galeazzo Alessi 5-1, I-16128 GENOVA, Italy Italy (72)Name of Inventor: 1)MARCO DANI
. ,		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

ABSTRACT Measuring unit for measuring the bending radius and the forwarding of a workpiece in a bending machine The measuring unit (10) comprises a first carriage (12) arranged to be connected to the bending machine and to be passed through by the workpiece (M) under bending coming from the bending machine. The first carriage (12) comprises: a main body (20); a pair of measure rollers (34, 36) mounted on respective support bodies (30, 32) so as to be rotatable about respective axes of rotation (z1, z2) perpendicular to the bending plane; first measur-ing means (50, 52) arranged to provide a signal indicative of the angular position of each of the measure rollers (34, 36) about the respective axis of rotation (z1, z2); guide means (28) mounted on the main body (20) to guide the support bodies (30, 32) of the measure rollers (34, 36) along a straight direction (y) perpendicular to, and passing through, the axes of rotation (z1, z2) of the measure rollers (34, 36); elastic means (58) arranged to apply on the support bodies (30, 32) an elastic force tending to urge these bodies towards each other, and therefore to urge each measure roller (34, 36) against the workpiece (M) under bending so as to cause each measure roller (34, 36) to roll on a respective intrados surface (Si) or extrados surface (Se) of the workpiece (M) while the latter is being forwarded; second measuring means (60) arranged to provide a signal indicative of the distance between the axes of rotation (z1, z2) of the measure rollers (34, 36); and positioning means (66, 68, 74, 76) arranged to define the positioning of the main body (20), and hence of the guide means (28), relative to the workpiece (M) under bending, whereby during bending with a constant bending radius (Ri) the tangent (t) to the longitudinal axis (x) of the workpiece (M) in the point of intersection between this axis (x) and the straight direction (y) of the guide means (28) is perpendicular to this direction (y).

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

(22) Date of filing of Application :02/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: An Improved and Accurate Gravity Die Casting System for Alloy Castings

(51) International classification (31) Priority Document No (32) Priority Date	:NA :NA	(71)Name of Applicant: 1)ANAND, BHUPINDER PAL SINGH Address of Applicant: D-192, PHASE 8 B, INDUSTRIAL AREA MOLALLES AS NACAR 160071, INDIA Purish India
(33) Name of priority country(86) International Application No Filing Date(87) International Publication No	:NA :NA :NA : NA	AREA, MOHALI, S.A.S. NAGAR-160071, INDIA Punjab India (72)Name of Inventor: 1)ANAND, BHUPINDER PAL SINGH 2)KAPOOR, VIVEK
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	3)THAKUR, RAJEEV SINGH
Filing Date	:NA	

(57) Abstract:

The present invention provides an improved Gravity Die Casting System for Alloy based castings. The invention is semi-automatic in nature and hence requires minimum manual works. The electronic panel controls the different process under the invention while casting the components. The invention provides casting of alloy based components with accuracy and consistency.

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

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: BELT SELF ADJUSTABLE TO THE WAIST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A41F9/02 :BR1020120271265 :23/10/2012 :Brazil :PCT/BR2013/000435 :22/10/2013 :WO 2014/063215 :NA :NA	(71)Name of Applicant: 1)SILVA, Renata Moisés Iwamizu Address of Applicant: Av. Miguel Dhama, 1889 Casa 19N, CondomÃnio Village Mirassol II, CEP: 15130- 000 Mirassol ,São Paulo Brazil (72)Name of Inventor: 1)SILVA, Renata Moisés Iwamizu
(61) Patent of Addition to Application	:NA	1)SILVA, Renata MoisA©s Iwamizu
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A belt that is self- adjustable to the waist comprises a long flexible strap (1), which constitutes the belt itself with a cross-section formed by a complete flattened loop with a free gap (2), like a flattened tube ,one of the ends of the strap being folded (3) and normally receiving at least one belt loop (4) and a conventional coupling device (5) suitable for providing means for quickly adjusting and coupling or uncoupling the other end of the strap (1); the strap (1) is split into two parts near the fold (3), forming two adjacent ends (6) and (7), inside which an elastic element (8) and a guide tongue (9) operate and together allow a variable belt diameter to be achieved after the belt is adjusted to the user's body. This effect can also be obtained with other arrangements, i.e. coupling the buckle (5) to other elastic means (11), (25) and (26), which also cooperate such that the belt (1), after being adjusted to the user's waist can be automatically adjusted, the circumference of the belt increasing or decreasing sufficiently to provide the comfort desired when the user changes position, mainly when sitting down and standing up again, eliminating the uncomfortable sensation of a tight belt.

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

(22) Date of filing of Application :21/04/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ACOUSTIC DAMPING SYSTEM FOR A COMBUSTOR OF A GAS TURBINE ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F23M99/00 :13/670564 :07/11/2012 :U.S.A. :PCT/US2013/067584 :30/10/2013 :WO 2014/074369 :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2, 80333 Munich Germany (72)Name of Inventor: 1)PORTILLO BILBAO, Juan E. 2)RAJARAM, Rajesh 3)YOU, Danning
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(57) Abstract:

An acoustically dampened gas turbine engine having a combustor with an acoustic damping system is disclosed. The acoustic damping system may be formed from an acoustic damping body having at least one orifice configured to receive a combustor nozzle assembly. The acoustic damping body may be positioned in a head region of a combustor basket and may include one or more orifices in the acoustic damping body. The acoustic damping system may mitigate longitudinal mode dynamics thereby increasing an engine operating envelope and decreasing emissions

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

(21) Application No.3346/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :19/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR TESTING COMPRESSION PANELS

(51) International classification	:G01B11/16, G01M5/00,	(71)Name of Applicant: 1)THE BOEING COMPANY
(31) Priority Document No	:14/184,550	Address of Applicant :100 North Riverside Plaza, Chicago,
(32) Priority Date	:19/02/2014	Illinois 60606-2016, USA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)KENNETH H. GRIESS
Filing Date	:NA	2)JACK J. ESPOSITO
(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:

An alignment apparatus 300 for aligning a test panel 150 with a testing machine 102 may include a laser measuring system 302 and an adjustment mechanism 400. The laser measuring system 302 may include at least one laser measuring device 304 coupled to a test fixture 200 5 andlor a testing machine 102. The laser measuring system 302 may generate laser measurement data representative of an orientation of a test panel 150 relative to a platen andlor a loading axis 120 of the testing machine 102. The adjustment mechanism 400 may adjust, based on the laser measurement data, a location andlor orientation of the test panel 150 relative to the platen audlor the loading axis 120 in a manner such that the test panel 150 is moved into substantially 10 alignment with the platen and/or the loading axis 120.

No. of Pages: 50 No. of Claims: 10

(21) Application No.242/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: STATIC GEL STRENGTH TESTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N11/14 :NA :NA :NA :PCT/US2013/041121 :15/05/2013 :WO 2014/185899 :NA :NA :NA	(71)Name of Applicant: 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant: 10200 Bellaire Boulevard Houston TX 77072 U.S.A. (72)Name of Inventor: 1)GAUGLER Drew H. 2)MORGAN Ronnie G. 3)GRAY Dennis 4)PINDIPROLU Sairam K.S.
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(57) Abstract:

A method of performing a static gel strength test on a composition can include placing the composition into a static gel strength test instrument stirring the composition with at least one helical blade of the instrument and measuring resistance to rotation between a stator and a rotor of the instrument. A static gel strength test instrument can include a rotor and a stator having at least one helical blade. The static gel strength test instrument characterizes gelation of a composition. Another static gel strength test instrument can include a stator having at least one helical blade and a rotor having at least one helical blade.

No. of Pages: 21 No. of Claims: 20

(21) Application No.3336/DEL/2014 A

(19) INDIA

(22) Date of filing of Application: 18/11/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention : APPARATUS AND METHOD FOR BENDING AND WINDING CONDUCTORS TO MAKE SUPERCONDUCTIVE COILS

 (51) International classification (31) Priority Document No (32) Priority Date (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	(71)Name of Applicant: 1)CTE SISTEMI S.r.l. Address of Applicant: Via Galeazzo Alessi 5-1, I-16128 GENOVA, Italy Italy (72)Name of Inventor: 1)MARCO DANI
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The apparatus comprises a first working unit (10) for unwinding a coil of conductor (C) and providing straightened conductor (C), and a second working unit (12) comprising a bending device (14) arranged to bend the straightened conductor (C) leaving the first working unit (10) and a rotary table (16) on which the bent conductor (C) leaving the bending device (14) is laid, whereby a set of turns is formed to make the superconductive coil (B). The rotary table (16) is rotatably mounted about a stationary vertical axis (z). The bending device (14) is mounted so as to be translatable both in a longitudinal direction (x) coinciding with the direction of a longitudinal axis of the straightened conductor (C) that is fed by the first working unit (10) to the bending device (14) and in a transverse direction (y) perpendicular to the longitudinal direction (x). The first working unit (10) is mounted so as to be translatable, along with the bending device (14), in the transverse direction (y) only.

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

(21) Application No.3339/DEL/2014 A

(19) INDIA

(22) Date of filing of Application: 19/11/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD OF JOINING PANEL PARTS

(51) International classification	:C09J5/04	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)SUZUKI MOTOR CORPORATION
(31) Thority Document ivo	246119	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:28/11/2013	Hamamatsu-shi, Shizuoka-ken, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KOBARI, Kentaro
Filing Date	:NA	2)YASUIKE, Shigeaki
(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 is to provide a method of joining panel parts which causes no deterioration of an external appearance quality and requires no post-processing such as correction of strain due to welding or removal of burrs formed by friction stir welding and which can improve joint strength between the panel parts without causing displacement between the panel parts and causing deterioration of the external appearance quality and anti-corrosion characteristics. [Solution] An edge portion 11 of a first panel part 10 and an edge portion 21 of a second panel part 20 are overlapped with each other with a front end portion of the edge portion 11 protruding beyond the edge portion 21, the edge portions 11, 20 are friction stir welded to each other, and then the edge portion 11 of the first panel part 10 and the edge portion 21 of the second panel part 20 are hem-joined to each other by causing a folded-back portion 12 of the first panel part 10 to hold the edge portion 21. [Selected Drawing] Fig. 2

No. of Pages: 28 No. of Claims: 8

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INLET BAFFLE ASSEMBLY FOR AN IN-LINE INTERCEPTOR

(51) International classification	:E03F5/16	(71)Name of Applicant :
(31) Priority Document No	:2,835,578	1)CANPLAS INDUSTRIES LTD.
(32) Priority Date	:29/11/2013	Address of Applicant :500 Veterans Drive, P.O. Box 1800,
(33) Name of priority country	:Canada	Barrie, Ontario L4N 9J3, Canada Canada
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Andrew Bird
(87) International Publication No	: NA	2)Timothy James Hendrie Poupore
(61) Patent of Addition to Application Number	:NA	3)Steve Armstrong
Filing Date	:NA	4)Michael F. Wilson
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There is an inlet baffle assembly for use in an in-line interceptor for separating FOG from wastewater and a method of cleaning the inlet baffle assembly without the need for removal from the interceptor. The inlet baffle assembly has an inlet baffle for the grease collecting chamber of an in-line interceptor. The inlet baffle defines a flow channel through which 10 influent enters the collecting chamber. The inlet baffle has a moveable section which is moveable between an open and a closed position. The inlet baffle assembly also has a flow control element associated with the inlet baffle to control the rate of flow of influent entering the flow channel when the moveable section is in the closed position. The flow control 15 element is positioned to be accessible for cleaning when the moveable section is in the open position. After cleaning, the moveable section is moved into the closed position in order to facilitate fluid flowing through the inlet baffle assembly into the grease collecting chamber.

No. of Pages: 37 No. of Claims: 22

(21) Application No.10908/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application:19/12/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: FRICTION MODIFIER AND THEIR USE IN LUBRICANTS AND FUELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:17/05/2013 :WO 2013/189675 :NA :NA	(71)Name of Applicant: 1)CASTROL LIMITED Address of Applicant: Wakefield House Pipers way Swindon Wiltshire SN3 1RE U.K. (72)Name of Inventor: 1)CHAHINE Samir 2)MOSS James Edward
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The use as an ashless anti-wear additive in a non-aqueous lubricating composition and/or in a fuel composition, of at least one compound represented by the structural formula (I):wherein R4 represents H or a C i to C hydrocarbyl group or formula (II) x, y and z are independently integers in the range 1 to 6; and R 1, R2 and R3 each independently represent H or a C i to Cio hydro carbyl group. Also, a non-aqueous lubricating composition and a fuel composition for an internal combustion engine which com prise at least one of said compounds represented by structural formula (I).

No. of Pages: 56 No. of Claims: 42

(21) Application No.1284/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AIR CLEANER FOR TWO WHEELED VEHICLE"

(57) Abstract:

An air-cleaner to be mounted on a main frame body of a two-wheeled vehicle is disclosed. The air-cleaner comprises an air-cleaner housing member, a cover member and a filter element. The air-cleaner housing member comprises a housing wall structure extending substantially perpendicular to a surface of the aircleaner housing member. The cover member comprises a cover wall structure extending substantially perpendicular to a surface of the cover member. The filter element is adapted to be disposed between the housing wall structure of the aircleaner housing member and the cover wall structure of the cover member.

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

(21) Application No.245/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :12/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : PROCESS FOR THE PROTECTION AGAINST CORROSION OF AN ARTICLE IN A WET ENVIRONMENT AND COMPOSITION THEREFORE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C08K11/00 :12176335.3 :13/07/2012 :EPO :PCT/NL2013/050532 :12/07/2013 :WO 2014/011051	(71)Name of Applicant: 1)FRANS NOOREN AFDICHTINGSSYSTEMEN B.V. Address of Applicant: Gasselterstraat 20 NL 9503 JB Stadskanaal Netherlands (72)Name of Inventor: 1)NOOREN Franciscus Petrus Marie 2)DODDEMA Jan Frederik
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA :NA	3)BROESDER Hindrik Harm

(57) Abstract:

The present invention relates to a process for the protection against corrosion of an article comprising the steps of (a) application of a layer of a corrosion protecting composition comprising (i) an amorphous polymer composition comprising an amorphous polymer having a glass transition temperature of $20\hat{A}^{\circ}C$ or less and (ii) a water absorbing filler on a surface of the article and(b) application of a mechanical protective layer on top of the layer of said corrosion protecting composition wherein the article is in a wet environment. The invention further relates to a corrosion protecting composition and to a tape comprising a layer comprising a corrosion protecting composition according to the invention. The invention also relates to an article comprising (a) a layer of a corrosion protecting composition according to the invention on a surface of the article and (b) a mechanical protective layer to protect said layer of said composition.

No. of Pages: 51 No. of Claims: 17

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

(43) Publication Date: 13/11/2015

(54) Title of the invention : PIGMENTED COATING COMPOSITION WITH A SULFONIC ACID FUNCTIONALIZED DISPERSANT AND A PHOSPHORUS ACID FUNCTIONALIZED BINDER

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) International Application No (35) Filing Date (37) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (30) Patent of Addition to Application Number (30) Filing Date (31) Filing Date (31) Filing Date (31) Filing Date (32) Filing Date (33) Name of priority country (34) Substitution No (35) International Application No (36) International Application No (37) International Application Number (38) Filing Date (39) Filing Date (30) Filing Date (30) Filing Date (30) Filing Date (31) Filing Date (31) Filing Date (31) Filing Date (31) Filing Date (32) Filing Date (33) Name of priority Country (34) Filing Date (35) Filing Date (36) Filing Date (37) Filing Date (38) Filing Date (39) Filing Date (30) Filing Date (30) Filing Date (30) Filing Date (30) Filing Date (31) Filing Date (32) Filing Date (33) Filing Date (34) Filing Date (35) Filing Date (36) Filing Date (37) Filing Date (37) Filing Date (38) Filing Date (39) Filing Date (30) Filing Date (31) Filing Date (31) Filing Date (31) Filing Date (32) Filing Date (33) Filing Date (34) Filing Date (35) Filing Date (36) Filing Date (37) Filing Date (37) Filing Date (38) Filing Date (38) Filing Date (39) Filing Date (30) Filing Date (31) Filing Date (32) Filing Date (33) Filing Date (34) Filing Date (35) Filing Date (36) Filing Date (37) Filing Date (37) Filing Date (37) Filing Date (38) Filing Date (38) Filing Filing Date (38) Filing Filing Filing Filing Fi	1)DOW GLOBAL TECHNOLOGIES LLC Address of Applicant :2040 Dow Center Midland MI 48674
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(57) Abstract:

The present invention is a composition comprising a) a stable aqueous dispersion of polymer particles functionalized with structural units of a phosphorus acid monomer or a salt thereof and; b) a dispersion of pigment particles stabilized by an adsorbing water-soluble dispersant functionalized with structural units of a sulfonic acid monomer or a salt thereof. The composition of the present invention is useful in providing excellent storage stability for pigmented paints formulated with the sulfonic acid functionalized dispersant described herein.

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

(21) Application No.3463/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AQUEOUS DISPERSIBLE SILOXANE-CONTAINING POLYMER INKS USEFUL FOR PRINTING

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	14/139,811 23/12/2013 U.S.A. NA NA NA NA NA	(71)Name of Applicant: 1)XEROX CORPORATION Address of Applicant: 45 Glover Avenue, P.O. Box 4505, Norwalk, Connecticut 06856-4505 (US) U.S.A. (72)Name of Inventor: 1)MOORLAG, Carolyn 2)BRETON, Marcel 3)SACRIPANTE, Guerino 4)ZHOU, Ke
(62) Divisional to Application Number	NA NA	1)ZHOU, IK

(57) Abstract:

A siloxane- containing ink composition for variable data lithographic printing includes a nano-particle polymer or blend of nano-particle polymers, wherein the polymer or polymers of the blend are water dispersible at temperatures below 100 degrees Celsius; and solids content is in an amount of greater than 25 percent by total weight.

No. of Pages: 41 No. of Claims: 10

(22) Date of filing of Application :04/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ELECTROPLATING CELL, AND METAL COATING AND METHOD OF FORMING THE SAME

(51) International classification	:H01M4/86	(71)Name of Applicant:
(31) Priority Document No	:2014- 019018	1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1, Toyota-cho, Toyota-shi, Aichi-ken
(32) Priority Date	:04/02/2014	471-8571, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MIURA Fusayoshi
Filing Date	:NA	2)MURASE Atsushi
(87) International Publication No	: NA	3)HASEGAWA Naoki
(61) Patent of Addition to Application Number	:NA	4)HIRAOKA Motoki
Filing Date	:NA	5)SATO Yuki
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An electroplating cell (10) includes an anode chamber (12) in which an anode chamber solution (20) is stored and a separator (16) that separates the anode chamber (12) and a cathode (26) from each other. An organic plating additive is added to a base material in the separator (16). The separator (16) selectively allows permeation of metal ions contained in the anode chamber solution (20). REFER TO FIGURE 1

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

(21) Application No.321/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: FLUID TYPE DECELERATION DEVICE

(51) International classification	:F16D57/02	(71)Name of Applicant:
(31) Priority Document No	:2012179320	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:13/08/2012	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2013/071853	Tokyo 1008071 Japan
Filing Date	:13/08/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2014/027653	1)YAMAGUCHI Hiroyuki
(61) Patent of Addition to Application	:NA	2)NOGAMI Hiroshi
Number	:NA	3)IMANISHI Kenji
Filing Date	INA	4)FUTABA Takashi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This fluid type deceleration device comprises: a rotary disk provided to a rotary shaft; a rotary housing rotatably supported by the rotary shaft and including a pair of disk parts and a cylindrical part that connects the respective outer peripheral parts of the disk parts together in a manner so as to surround the rotary disk; and a friction brake that brings the rotary housing to a standstill by pressing a friction member against the rotary housing at the time of braking. On at least one surface of the rotary disk are formed disk blades that extend from the inner periphery toward the outer periphery side. On the inner surface of the disk part(s) that corresponds to the disk blades are formed housing blades that extend from the inner periphery toward the outer periphery. A working fluid is housed inside the rotary housing.

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

(22) Date of filing of Application :01/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: KNOTLESS COLLAPSIBLE SUTURES AND METHODS FOR SUTURING

Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (87) International Publication Number Eling Date (87) Principal to Application Number (88) International Publication Number ENA ENA ENA ENA ENA ENA	(87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA	Address of Applicant :325 Paramount Drive, Raynham, MA 02767, USA U.S.A. (72)Name of Inventor:
(62) Divisional to Application Number :NA Filing Date :NA	(62) Divisional to Application Number :NA	

(57) Abstract:

Various exemplary methods and devices are provided for improved surgical sutures, suture systems, and methods for suturing. In general, the sutures, suture systems, and methods can allow a suture to form a secure, closed loop without tying a knot. The suture can include a barbed portion configured to be threaded through a hollow portion. The barbed portion can have a plurality of barbs thereon, which can grasp onto an inner wall of the hollow portion when disposed therein to help secure the loop at a desired size. The barbs can all be oriented in one direction that corresponds to a direction of movement of the suture when the loop is being tightened. Thus, the barbs can be configured to allow for a size of the loop to be easily reduced to any desired size to approximate tissue, but can be configured to resist subsequent expansion of the loop to ensure that the tissue remains in place.

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

(22) Date of filing of Application :01/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: OIL COOLER OF POWER UNIT FOR STRADDLE TYPE VEHICLE

(51) International classification	·F16H57/04	(71)Name of Applicant:
` '	:2013-	1)HONDA MOTOR CO., LTD.
(31) Priority Document No	264359	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:20/12/2013	ku, Tokyo 107-8556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TERUHIDE YAMANISHI
Filing Date	:NA	2)SATORU WATANABE
(87) International Publication No	: NA	3)KAZUHITO TAKAHASHI
(61) Patent of Addition to Application Number	:NA	4)MAKOTO OGASAWARA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In an oil cooler 50 provided on any one of cover members 42 that an internal combustion engine 20 mounted on a stgaddle type vehicle has on its left and right sides, a bulging portion 45 bulging to the outer side of the vehicle is formed on a side b face of the cover member 42. A front side face 45a of the bulging portion 45 is formed so as to recede toward the vehicle rear as it extends from the center in the vehicle width direction toward the side of the vehicle, and multiple radiating fins 46 directed horizontally to the vehicle front are arranged fn the vertical direction of the vehicle while being spaced apart from one another on the front side face 45a. An oil coolink oil passage 55 is formed inside the bulging portion 45 on which the radiating fins 46 are positioned. [selected Drauringl FIG. 11

No. of Pages: 33 No. of Claims: 5

(22) Date of filing of Application :05/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: BAYONET COUPLING FOR THE DISCONNECTABLE CONNECTION OF PIPELINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16L37/113 :1451250 :17/02/2014 :France :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)STAUBLI FAVERGES Address of Applicant: Place Robert Stäubli, FR-74210 Faverges, France France (72)Name of Inventor: 1)ALAIN-CHRISTOPHE TIBERGHIEN 2)CHRISTOPHE DURIEUX 3)IGOR BAHNO
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(57) Abstract:

The coupling (1) according to the invention is suitable for the disconnectable connection of pipelines (C1, C2) and comprises a coupling element (4) and a complementary coupling element (2) that can fit into one another. The coupling element (4) comprises: - a first body (12), - a locking ring (14) mounted around the first body (12), - means for securing the first body (12) in translation with the locking ring, the locking ring comprising: - a slot (141) able to receive a radially protruding part (8) of the complementary element (2), - a locking notch (145) in which the protruding part (8) can be axially locked. A lever (15) is radially rotatable in the slot (141). Elastic means are able to recall the lever (15) toward a locking position in which the lever (15) locks the protruding part (8) in the notch (145). The coupling (1) comprises a single sealing gasket mounted on an outer surface of the first body (12) and able to cooperate radially with the complementary element (2). Figure 1

No. of Pages: 32 No. of Claims: 17

(22) Date of filing of Application :03/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : YARN PROCESSING PREDICTING DEVICE, YARN PROCESSING DEVICE, AND YARN PROCESSING PREDICTION METHOD

(51) International classification	·R65H63/08	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)Murata Machinery, Ltd.
•	005195	Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(32) Priority Date		Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NISHIYAMA Yoshihiro
Filing Date	:NA	2)YAMADA Shuji
(87) International Publication No	: NA	3)ITO Makoto
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A yarn processing predicting device 50 adapted to predict yarn processing includes an acquiring section on 501, a clearing setting input key B, a predicting section 505, and a display section 100. The acquiring section 501 is adapted to acquire distribution data indicating a yarn state of a spun yarn 10. The clearing setting input key B is a key to input clearing settings for cutting and removing a yarn defect. The predicting section 505 is adapted to generate prediction results D and DX relating to the yarn processing based on the distribution data and the clearing settings. The display section 100 is adapted to output the prediction results D and DX generated by the predicting section 505. The prediction result D generated based on the newest clearing setting and the prediction result DX generated based on the clearing setting previously input are simultaneously displayed on the display section 100. REFER TO FIG. 7

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

(22) Date of filing of Application :03/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INTAKE APPARATUS FOR ENGINE

(51) International classification	:F02M35/04	(71)Name of Applicant:
(31) Priority Document No	:2013- 258947	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, Takatsuka-Cho, Minami-Ku,
(32) Priority Date	:16/12/2013	Hamamatsu-Shi, Shizuoka-Ken 432-8611, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NAKANO Atsushi
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 engine unit includes an engine, a cylinder block provided with a cylinder forming a combustion chamber, a cylinder head joined to one end of the cylinder block to form a top portion of the combustion chamber and provided with an intake port for guiding a combustion gas into the combustion chamber, and an intake apparatus including an intake air adjusting mechanism, in which the combustion gas is generated by mixing air and fuel, the combustion gas is then supplied to the intake port of the engine through a main intake passage. The intake air amount adjusting mechanism includes a sub intake passage that branches from the main intake passage and adjusts a supply amount of the air into the intake port, and the sub intake passage is configured to have a sectional area of flow passage smaller than that of the main intake passage, the sub intake passage has an inlet provided to the main intake passage and an outlet provided to the intake port of the engine.

No. of Pages: 35 No. of Claims: 9

(22) Date of filing of Application :03/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DISTANCE MEASURING APPARATUS

(31) Priority Document No :2014- 047817	7/36 (71)Name of Applicant: 1)Kabushiki Kaisha Toshiba Address of Applicant:1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan Japan (72)Name of Inventor: 1)TEKEMURA Shota 2)AIZAWA Kenji
(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 distance measuring apparatus is characterized in that: a detection unit 1 is provided with a light beam generating unit 12 which is provided with a plurality of light beam generation optical units each of which is provided with a laser light source, and a collimator, and a light beam lighting control unit which generates pulse signals for lighting laser beams as pulse lights in time series, a camera unit 11 which generates position detection information of a plurality of the laser beams, and an optical setting unit 13 which sets the light beam generating unit and the camera unit; and projects the plurality of laser beams, and sets distances of cut lines which are respectively locus lines of the laser beams between intersection points of viewing angle end lines of the camera unit and locus lines of the laser beams, in the vertical direction, as the plurality of distance measurement ranges; and a distance calculation unit 2 obtains a distances from a reference surface, from the position detection information, and discrimination signal, with reference to a calibration table corresponding to the distance measurement range; and thereby the distance measurement range can be expanded by measuring a plurality of different distance measurement ranges by one camera.

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

(21) Application No.1282/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "BRAKING SYSTEM FOR VEHICLE"

(51) International classification (31) Priority Document No	:B68C :NA	(71)Name of Applicant: 1)HERO MOTOCORP LIMITED
(32) Priority Date	:NA	Address of Applicant :34 COMMUNITY CENTER, BASANT
(33) Name of priority country	:NA	LOK, VASANT VIHAR, NEW DELHI-110057 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VELMURUGAN MA
(87) International Publication No	:NA	2)SHIWALIK GHOSH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A braking system for a vehicle includes a rear brake master cylinder, a rear brake valve fluidically connected to the rear brake master cylinder, a rear wheel brake assembly fluidically connected to the rear brake valve, a front brake master cylinder, an integrated brake valve fluidically connected to the rear brake master cylinder and fluidically to the front brake master cylinder, and a front wheel brake assembly fluidically connected to the integrated brake valve.

No. of Pages: 39 No. of Claims: 24

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SEAT FOR TWO WHEELED VEHICLES"

(51) International classification	:A61M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HERO MOTOCORP LIMITED
(32) Priority Date	:NA	Address of Applicant :34 COMMUNITY CENTER, BASANT
(33) Name of priority country	:NA	LOK, VASANT VIHAR, NEW DELHI-110057 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BASKAR ANTONY SAMY
(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 seat apparatus for a two-wheeled vehicle comprises a vehicle rear seat, at least one seat arm and at least one bracket arm. The at least one seat arm is adapted to be rotatably connected to the vehicle rear seat. The at least one bracket arm is adapted to be rotatably connected to the at least one seat arm at a first end portion of the at least one bracket arm and the at least one bracket arm adapted to be rotatably connected to a vehicle rear portion. A rotatable connection between the at least one seat arm and the at least one bracket arm, a rotatable connection between the at least one bracket arm and the vehicle rear portion are configured to enable the vehicle rear seat to assume one of a normal position and a deployed position.

No. of Pages: 12 No. of Claims: 15

(21) Application No.1411/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AN IMPROVED ENERGY METER"

(51) International classification	:G01R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LANDIS+GYR LIMITED
(32) Priority Date	:NA	Address of Applicant :C-48, SECTOR 57, NOIDA, UTTAR
(33) Name of priority country	:NA	PRADESH, INDIA. Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KHAN, MASLHUDDIN
(87) International Publication No	:NA	2)MISHRA, ANUKRAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
· · ·		

(57) Abstract:

The present invention relates to an improved energy meter with a battery power saving and tamper proof feature. This present invention is directed towards a method to enhance the battery life of an energy meter during storage and transportation approximately from just 12 months to > 15 years.

No. of Pages: 14 No. of Claims: 4

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : LIGHT-WEIGHT, MULTI-LAYERED COMPOSITE SUBSTRATE AND METHOD OF MAKING THE SAME

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No Filing Date (35) International Publication No Filing Date (86) International Publication No Filing Date (87) International Publication No Filing Date (88) International Publication No Filing Date (89) International Publication No Filing Date (80) Divisional to Application Number Filing Date (81) NA (82) Divisional to Application Number Filing Date (83) Na (84) NA (85) NA (86) NA (87) NA (88) NA	(71)Name of Applicant: 1)HANIL E-HWA CO., LTD Address of Applicant: 330, Gangnam-daero, Gangnam-gu, Seoul 135-750, Republic of Korea Republic of Korea (72)Name of Inventor: 1)Ki-Sung, KIM 2)Sung-Ho, PARK
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(57) Abstract:

A lightweight, multi-layered composite substrate for a vehicle interior material and a method for manufacturing the same are disclosed. A method for manufacturing a lightweight, multi-layered composite substrate including a core layer being a foam sheet and reinforcement layers stacked on both surfaces of the core layer includes preparing the foam sheet, forming each of the reinforcement layers by forming a lowdensity reinforcement sheet by mixing a natural fiber with a synthetic fiber by carding, subjecting the mixed natural fiber and synthetic fiber to cross wrapping and needle punching, coating polyolefin-based powder to a weight per unit area of 10g/m2 to 100g/m2 on the low-density reinforcement sheet, and pressing the low-density reinforcement sheet by a heat roller set to 150 to $230\mathack{A}^{\circ}$ C, and obtaining a multi-layered composite substrate by stacking the reinforcement layers on both surfaces of the foam sheet by heat.

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

(21) Application No.354/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :10/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: VEHICLE USB PORT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:2014- 033132	(71)Name of Applicant: 1)NHK SPRING CO., LTD. Address of Applicant:10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004, Japan. Japan (72)Name of Inventor: 1)Donghyoun KIM 2)Hidemi HAGA
(87) International Publication No	: NA	3)Takeshi MUTO
(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 vehicle USB port including: a base body attached to a vehicle-body-side member; a hook main body that is provided with a hinge portion rotatably attached to the base body and a hook portion to anchor an anchored member, and that is rotatable between an in-use position in which the hook portion is usable and a stowed position in which the hook portion is not used; a hook main body retaining portion that is formed at the base body and that retains the hook main body moved to the stowed position; a port opening that is formed at the hook main body retaining portion and that is covered by the hook main body moved to the stowed position; and a USB port that is provided in a position facing the port opening, and to which a USB cable can be coupled through the port opening.

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

(22) Date of filing of Application :20/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : SAFETY VALVE WITH GRADUAL DISPLACEMENT AND PRESSURE COOKER EQUIPPED WITH SAME

(31) Priority Document No :13621	Address of Applicant :Les 4 M - Chemin du Petit Bois 69130
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(57) Abstract:

Safety valve with gradual displacement and pressure cooker equipped with same. - The invention relates to a safety valve (1) for steam pressure cooking appliance (2), said appliance being equipped with a communication orifice (7), said valve (1) compri5 sing - an assembly seal (9) fitted in the orifice (7), said seal being provided with a passage (10) between the inside and the outside of the appliance and a valve seat (11), - and a rigid valve (20) formed by a rod (25B) with a first stop means (30) and 10 mounted in the passage (10) and capable of moving in said passage under the effect of the pressure inside the appliance between a position where the passage (10) is closed and at least one open position characterised in that the valve (1) is equipped with gradual leak means (25) which are made gradually active as the pressure increases from the threshold value P1. 15 - Valve for pressure cookers.

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

(22) Date of filing of Application :27/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : NATURAL FIBER POLYMER COMPOSITE AND ECO-FRIENDLY LIGHTWEIGHT BASE MATERIAL FOR AUTOMOTIVE INTERIOR

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:B32B5/18 :10-2013- 0150824 :05/12/2013 :Republic of Korea :NA
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(57) Abstract:

The present invention relates to an eco-friendly lightweight substrate material for the automotive interior, characterized in that isocyanate or epoxy is added to enhance the fuction of a substrate material having a sandwich-type structure for the automotive interior including natural fiber that is vulnerable to high temperature and humidity conditions, preventing degradation of physical properties by water-impregnation into the natural fiber and thus enhancing the humidity-resistance and strength of a natural fiber reinforcing layer; and the substrate material is continuously prepared in a thermoplastic foam sheet core layer by thermal-laminating. The substrate material prepared according to the present invention is an eco-friendly material, also is capable of weight lightening by weight reduction, and is excellent in humidity-resistance and strength, thus providing for application to various industries such as train interior, aircraft interior, and architectural interior as well as automotive interior.

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

(21) Application No.3540/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SEMICONDUCTOR DEVICE"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:07/10/2010 :WO 2011/052396 :NA :NA :NA	(71)Name of Applicant: 1)SEMICONDUCTOR ENERGY LABORATORY CO., LTD. Address of Applicant: 398, HASE, ATSUGI-SHI, KANAGAWA-KEN, 243-0036 JAPAN Japan (72)Name of Inventor: 1)SHUNPEI YAMAZAKI
Filing Date	:NA	

(57) Abstract:

Disclosed is a semiconductor device capable of functioning as a memory device. The memory device comprises a plurality of memory cells, and each of the memory cells contains a first transistor and a second transistor. The first transistor is provided over a substrate containing a semiconductor material and has a channel formation region in the substrate. The second transistor has an oxide semiconductor layer. The gate electrode of the first transistor and one of the source and drain electrodes of the second transistor are electrically connected to each other. The extremely low off current of the second transistor allows the data stored in the memory cell to be retained for a significantly long time even in the absence of supply of electric power.

No. of Pages: 123 No. of Claims: 32

(22) Date of filing of Application :04/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: A MATERIALS HANDLING VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:1322350.8 :18/12/2013 :U.K. :NA :NA :NA	,
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A materials handling vehicle having a chassis, two front ground engaging wheels, two rear ground engaging wheels, a front loading arm pivotally mounted relative to the chassis about a generally horizontal front loading arm axis extending laterally relative to the vehicle, a rear arm being a single rigid rear arm and being pivotally mounted at a first end relative to the chassis about a generally horizontal first axis, the rear arm being pivotable relative to the chassis about a generally vertical second axis and a piling rig for removing spoil to form a hole, the piling rig being pivotally mounted at a second end of the rear arm about a generally horizontal third axis extending laterally relative to the arm.

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

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHODS AND COMPOSITIONS FOR SELECTIVELY TREATING SKIN"

|--|--|

(57) Abstract:

This invention relates to compositions, methods and kits for selectively depositing a benefit agent on skin without depositing the benefit agent on the hair. The method relates to exposing the skin to a composition containing anionic proteins, anionic polymers, anionic dyes, anionic pigments, or mixtures thereof which have an isoelectric point of less than about 4.5, the compositions having a pH of about 3.5 to about 5.5. In accordance with the methods of this invention, the benefit agent becomes deposited on the skin; however, any hair that is also contacted by the benefit compositions remains substantially untreated.

No. of Pages: 23 No. of Claims: 19

(22) Date of filing of Application :02/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: VERTICAL TRANSISTOR DEVICE STRUCTURE WITH CYLINDRICALLY-SHAPED REGIONS

(51) International algoritication	.11011 20/79	(71) Name of Applicant
(51) International classification		(71)Name of Applicant :
(31) Priority Document No	:61/915,772	1)Power Integrations, Inc.
(32) Priority Date	:13/12/2013	Address of Applicant :5245 Hellyer Avenue, San Jose, CA
(33) Name of priority country	:U.S.A.	95138, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Sorin Stefan Georgescu
(87) International Publication No	: NA	2)Wayne Bryan Grabowski
(61) Patent of Addition to Application Number	:NA	3)Kamal Raj Varadarajan
Filing Date	:NA	4)Zhu Lin
(62) Divisional to Application Number	:NA	5)Kuo-Chang Robert Yang
Filing Date	:NA	

(57) Abstract:

A vertical power transistor device includes a semiconductor layer of a first conductivity type, with a plurality of cylindrically-shaped dielectric regions disposed in the semiconductor layer. The cylindrically-shaped dielectric regions extend in a vertical direction from a top surface of the semiconductor layer downward. Adjacent ones of the cylindrically-shaped dielectric regions being laterally separated along a common diametrical axis by a narrow region of the semiconductor layer having a first width. Each dielectric region has a cylindrically-shaped, conductive field plate member centrally disposed therein. The cylindrically-shaped, conductive field plate member extends in the vertical direction from the top surface downward to near a bottom of the dielectric region. The dielectric region laterally separates the cylindrically-shaped, conductive field plate member from the narrow region. A source region is disposed at the top surface, and a drain region is disposed at the bottom, of the semiconductor layer.

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

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ROTATING ELECTRIC MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2013- 256073 :11/12/2013 :Japan :NA :NA :NA	(71)Name of Applicant: 1)TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION Address of Applicant: 3-1-1 Kyobashi, Chuo-ku, Tokyo 104- 0031, Japan Japan (72)Name of Inventor: 1)TOMII Kengo 2)ZENGE Takao
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A rotating electric machine body 13 having a rotor core 11 provided around an outer periphery of a rotary shaft 16 and a stator core 12 provided around an outer periphery of the rotor core 11 at a predetermined gap therefrom is surrounded by a pressure vessel 14. A plurality of cooling pipes 19 are arranged in a space within the pressure vessel 14 and around a core surrounding an outer periphery of the rotating electric machine body 13 so as to extend along an axial direction. An around-core partition plate 20 is provided at an intermediate position of the cooling pipes 19 in a length direction so as to partition the space around the core, in which the plurality of cooling pipes 19 are arranged, into front and rear sections in the length direction.

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

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : ROLLING CONTROL APPARATUS, ROLLING CONTROL METHOD AND ROLLING CONTROL PROGRAM

(51) International classification	:B21B38/10	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)HITACHI, LTD.
(==,===================================	255133	Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
(32) Priority Date	:10/12/2013	Tokyo, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	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	

(57) Abstract:

It is an object of the present invention to suppress fluctuation of exit-side plate thickness of a rolling mill, by suitably executing control of configuration which generates tension to a material to be rolled at the entry-side or exit-side of the rolling mill, and control of roll gap of the rolling mill. A rolling control apparatus for controlling a rolling mill which continuously rolls a material to be rolled by material of two roll pairs, comprising: a roll gap control unit for controlling gap between the rolls in the roll pairs, based on tension of the material to be rolled, which is inserted to the roll pair for rolling by the roll pairs, or the material to be rolled, which is sent out from the roll pair for rolling by the roll pairs, or the material to be rolled, which is sent out from the roll pair after being rolled, based on plate thickness of the rolled material to be rolled; and an intermediate tension control unit for controlling tension of the material to be rolled between the two roll pairs, by adjusting roll speed of the roll pair arranged at the latter part side in a conveying direction of the material to be rolled.

No. of Pages: 54 No. of Claims: 5

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: GRAPHENE-POLYMER NANOCOMPOSITES AND PROCESS FOR PREPARATION THEREOF

		(71)Name of Applicant :
(51) International classification	:C08J3/07	1)DIRECTOR GENERAL, DEFENCE RESEARCH &
(31) Priority Document No	:NA	DEVELOPMENT ORGANISATION
(32) Priority Date	:NA	Address of Applicant :Ministry of Defence, Govt. of India,
(33) Name of priority country	:NA	Room No 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi-
(86) International Application No	:NA	110001 Delhi India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SINGH, Jyoti Prakash
(61) Patent of Addition to Application Number	:NA	2)SAHA, Uttam
Filing Date	:NA	3)ANAND, Raghubir Singh
(62) Divisional to Application Number	:NA	4)GOSWAMI, Thako Hari
Filing Date	:NA	5)SRIVASTAVA, Anurag
		6)SAXENA, Arvind Kumar

(57) Abstract:

The present disclosure provides a nanocomposite and a process for preparation of said composite. The present disclosure further relates to a device having a coating of the nanocomposite. The present disclosure also relates to a method of preparation of the device.

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

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SHORT ANTIMICROBIAL PEPTIDES WITH HIGH THERAPEUTIC VALUE AND ANTILEISHMANIA ACTIVITY"

		(71)Name of Applicant: 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(51) International classification	:C12P	RESEARCH
(31) Priority Document No	:NA	Address of Applicant : ANUSANDHAN BHAWAN, RAFI
(32) Priority Date	:NA	MARG, NEW DELHI - 110 001, INDIA Delhi India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)GHOSH JIMUT KANTI
Filing Date	:NA	2)SARFUDDIN
(87) International Publication No	:NA	3)SHUKLA PRAVEEN KUMAR
(61) Patent of Addition to Application Number	:NA	4)MISHRA NRIPENDRA NATH
Filing Date	:NA	5)DUNGDUNG SANDHYA REKHA
(62) Divisional to Application Number	:NA	6)APARNA GOMES
Filing Date	:NA	7)ROY SYAMAL
		8)GHOSH PRASANTA
		9)BHATTACHARYA SHAMIK

(57) Abstract:

The present invention articulate the design of a novel set of short antimicrobial peptides namely LRP, FRP, VRP and ARP on the basis of an amphipathic heptad repeat sequence by incorporating either leucine or phenyalanine or valine or alanine respectively at the "a" and "d" positions of the heptad. Another novel peptide, VPRP was designed by substituting two valine residies at a "d" and an adjacent "a" positions of VRP heptad. All these peptides show potent bactericidal and fungicidal activities. Of these peptides VRP, ARP and VPRP were significantly non-toxic against human red blood cells and rat fibroblast 3T3 cells; therefore these peptides are of high therapeutic index. Among these peptides VRP and its analogue VPRP turned out as very potent molecules against leisnmania; it appeared that these two peptides possesses better activity (in terms of in vitro antileishmanial activity and toxicity against mammalian cells) than the standard antileishmanial agent, "sodium antimony gluconate" and thus could be excellent lead molecules for the development of anti-leishmanial drug.

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

(21) Application No.3533/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :04/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BRAZED HEAT EXCHANGER

(57) Abstract:

A heat exchanger from a stack of plate pairs having fins which are disposed between the plate pairs, and having ducts which vertically extend through the stack, for conveying in and/or conveying out a medium which flows through the plate pairs and which exchanges heat with another medium which flows through the fins, wherein the ducts are formed from openings in the plates and have moldings which extend around opening peripheries, and having a plate, having corresponding openings, which finishes off the stack, wherein a thermally decoupling element, which is inserted either in an integrated or a separate manner and which is incorporated into the vertical duct formation, is disposed between the finishing-off plate and the stack. Such a heat exchanger displays improved resilience to alternating temperature loadings.

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

(21) Application No.363/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :10/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: MOTORCYCLE

(51) International classification	:B29D99/00	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)HONDA MOTOR CO., LTD.
(31) Thorny Document No	037543	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:27/02/2014	ku, Tokyo 107-8556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SATOSHI SAITO
Filing Date	:NA	2)KYOSUKE INADA
(87) International Publication No	: NA	3)MAKOTO MATSUMURA
(61) Patent of Addition to Application Number	:NA	4)KAZUHIKO TANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To arrange an interlocking cable so as to reduce loss in operating force of a front brake, while avoiding degradation in appearance. [Means for solving the problems] An interlocking cable (50) is inclined at substantially the same angle as a line (Ll), which extends between a start point (PI) of movement of a connection portion (42) of an equalizer (40) with the interlocking cable (50) upon operation of a brake pedal (30), and an end point (P2) of movement thereof, the interlocking cable being inclined between the start point (PI) of movement of the connection portion (42) and a cable holder (85); and the intkrlocking cable (50) behind the cable holder (85) is arranged in such a manner as to be curved and introduced frontward, so as not to depart rearward from a region (All on the front side of the rear wheel (WR). [Selected Drawing] FIG. 7

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

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : TRANSPORT AND PACKAGING CONTAINER FOR ACCOMMODATING A PLURALITY OF CONTAINERS FOR MEDICAL, PHARMACEUTICAL OR COSMETIC APPLICATIONS AS WELL AS METHODS AND USES THEREOF

(51) International classification	:A61J1/14	(71)Name of Applicant:
(31) Priority Document No	:10 2013 114 404.7	1)Schott AG Address of Applicant :Hattenbergstraße 10, 55122 Mainz
(32) Priority Date	:18/12/2013	(DE) Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)DEUTSCHLE, Gregor Fritz
Filing Date	:NA	2)PAWLOWSKI, Edgar
(87) International Publication No	: NA	3)WASSENBERG, Joern
(61) Patent of Addition to Application Number	:NA	4)WISSNER, Kai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a transport and packaging container for accommodating a plurality of cylindrical containers (2) for substances, comprising at least two segments (320, 330) of which each can be handled separately and which can be assembled or stuck together to jointly form the transport and packaging container (1), wherein a first segment (330; 320) of the at least two segments has a bottom (333; 323) for supporting the plurality of containers (2), and positioning devices (324; 25) are provided for positioning the plurality of containers (2) in the interior of the transport and packaging container (1) in a regular arrangement in such a manner that a collision of the directly adjacent containers (2) is prevented, and wherein at least one of the segments (320, 330) comprises sealing means (327, 328, 334, 335, 130). The containers can be processed in the transport and packaging container or also in a supporting structure, particularly at very high temperatures of up to 330 $\hat{A}^{\circ}C$ and preferably up to 350 $\hat{A}^{\circ}C$. The transport and packaging container can be opened and resealed and closed again easily and reliably, wherein at least the bottom (320) of the transport and packaging container or a supporting structure placed on it can be used together with a plurality of cylindrical containers (2) in a hot oven or hot tunnel at temperatures of up to 330 $\hat{A}^{\circ}C$ and preferably up to 350 $\hat{A}^{\circ}C$. (Fig. 2a)

No. of Pages: 58 No. of Claims: 23

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PACKAGING STRUCTURE AND METHOD FOR STERILE PACKAGING CONTAINERS FOR SUBSTANCES FOR MEDICAL, PHARMACEUTICAL OR COSMETIC APPLICATIONS AND METHODS FOR FURTHER PROCESSING OF CONTAINERS USING THIS PACKAGING STRUCTURE

(51) International classification	:A61J1/14	(71)Name of Applicant:
(31) Priority Document No	:10 2013 114 896.4	1)Schott AG Address of Applicant :Hattenbergstraße 10, 55122 Mainz
(32) Priority Date		(DE) Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)DEUTSCHLE, Gregor Fritz
Filing Date	:NA	2)PAWLOWSKI, Edgar
(87) International Publication No	: NA	3)WASSENBERG, Joern
(61) Patent of Addition to Application Number	:NA	4)WISSNER, Kai
Filing Date	:NA	5)REISSE, Andreas
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Packaging structure and method for sterile packaging containers for substances for medical, pharmaceutical or cosmetic applications and methods for further processing of containers using this packaging structure A packaging structure is disclosed, in which containers can be sterilized in a simple manner and can be transported subsequently sterile, safely and without glass-to-glass contact. A method for sterile packaging of a plurality of containers (2) comprises the steps of: providing a carrier (35) in which a plurality of receptacles (34) are formed, wherein the receptacles are each formed by a closed bottom (33) and a circumferential side wall (32), the upper ends of the receptacles, which are opposite to the respective bottom, are open and circumferential connecting webs (35) are provided at the upper ends of the receptacles (S1); placing the plurality of containers (2) in the receptacles (34) of the carrier (S2); providing a gasimpermeable protective foil (50); bonding the protective foil along the connecting webs (35) with the upper surface of the carrier (S5) to package all the receptacles (34) with the containers (2) accommodated individually therein; and sterilizing the receptacles (34) with the containers accommodated therein and/or the inner volumes of the containers by a gas flowing (S4) into the receptacles (34) of the carrier and/or into the inner volumes of the containers through at least one gas-permeable portion (54; 540), which is formed as a portion of the gas-impermeable protective foil (50) or of the packaging structure (30). Packaging subunits each comprising a single receptacle may be separated from the packaging structure, wherein the containers are still accommodated in the receptacles of the packaging subunits sterile and sealed against the environment. (Fig. 4b)

No. of Pages: 41 No. of Claims: 21

(21) Application No.164/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :19/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: INTERFERENCE GEOLOCATION USING A SATELLITE CONSTELLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B7/15 :14/221,673 :21/03/2014 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	· ·
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(57) Abstract:

A system includes a plurality of satellites including respective antennas and circuitry. The satellites form a satellite constellation aud revolve around a rotating astmnolnical object from which a source radiates interference toward a target satellite for at least some period of time as the target satellite revolves in a target orbit. The satellites' respective antetinas may capture the interference when the satellite constellation is substantially in-line between the source and target satellite, and their circuitry may generate respective measurements based thereon. The circuitry may geolocate or cause trans~nission of the respective tneasurements for geolocation of the source based on the respective measuretnents to thereby identify a location of the source on the astronomical object.

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

(21) Application No.1857/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AN EQUIPMENT TO STRENGTHEN LUNGS"

(51) International classification	:A61B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LAKHANI MEDICARE PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :136, SECTOR 24 FARIDABAD-121
(33) Name of priority country	:NA	005 Haryana India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PARMESHWAR DAYAL 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 an equipment to strengthen lungs in particular to the improved medical device used for lung exercise.

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

(21) Application No.2136/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FILTER DEVICE WITH A CONNECTION OF A FILTER ELEMENT

(51) International classification	:F02D	(71)Name of Applicant:
(21) Drie vite De sous est Ne	:10 2013	1)ROBERT BOSCH GmbH
(31) Priority Document No	216 807.1	Address of Applicant :Postfach 30 02 20, 70442 Stuttgart
(32) Priority Date	:23/08/2013	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT//	1)KROECKEL, Katrin
Filing Date	:01/01/1900	2)KAISER, Thomas
(87) International Publication No	: NA	3)BENITEZ, Cesar Garcia
(61) Patent of Addition to Application Number	:NA	4)RAMOS, Marina Camacho
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to a filter device (10) for filtering a fluid, in particular of a motor vehicle, comprising a filter housing (12) and a filter element (18), which is to be coupled to a filter housing (12) in a fluid-conducting connection (24), wherein the connection (24) is at least partially closed by means of a valve (34), wherein the valve (34) with a flap is designed as valve body (38).

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

(22) Date of filing of Application :02/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INSPECTION SYSTEM FOR VEHICLE AND CONTROL METHOD THEREOF

(57) Abstract:

An inspection system for a vehicle and a method thereof to inspect whether various electronic components mounted inside a completed vehicle may be normally operated, may include a wireless on-board diagnostics device (OBD) which may be mounted in the vehicle entering an inspection process, a plurality of inspection computers, which wirelessly communicates with the wireless OBD, and may be provided for each corresponding inspection step, and a barcode reader which may be provided in the inspection computers, recognizes a barcode of the vehicle, transmits a vehicle information about the vehicle, on which the inspection may be performed, to the inspection computers.

No. of Pages: 17 No. of Claims: 11

(21) Application No.3513/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :02/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ELECTRIC MOTOR

(57) Abstract:

In an electric motor having a stator and a rotor (200), said rotor (200) having a rotor core (300) having a plurality (210) of pole pieces (211, 212) in the rotor core (300) a plurality (231 form) of recesses (230) for receiving permanent magnet train (240) which are adapted to the respectively associated pole pieces (211, 212) corresponding to magnetic poles of the rotor (200) is on at least one face (201, 202) of the rotor core (300) in the region of at least one of the plurality (210) of pole pieces (211, 212) at least one axially magnetized permanent magnet for strengthening a generated in the at least one pole shoe (211, 212) magnetic pole (260) of the rotor (200) disposed.

No. of Pages: 25 No. of Claims: 12

(21) Application No.3705/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :15/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SPINNING MACHINE AND METHOD OF OPERATING THE SAME

	:D01H4/00.	(71)Name of Applicant:
(51) International classification	D01H4/42,	1)KAWASAKI JUKOGYO KABUSHIKI KAISHA
` '	D01H4/44	Address of Applicant: 1-1, Higashikawasaki-cho 3-chome,
(31) Priority Document No	:2013-	Chuo-ku, Kobe-shi, Hyogo, 650-8670, Japan Japan
	272224	(72)Name of Inventor:
(32) Priority Date	:27/12/2013	1)MASATOSHI HORIKIRI
(33) Name of priority country	:Japan	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A spinning machine 1 has a spinning nozzle 2 for discharging a spinning dope, an upstream side coagulation bath 4 which is arranged below the spinning nozzle 2 and stores a coagulation liquid 3, a downstream side coagulation bath 7 which is arranged downstream of the upstream side coagulation bath 4 and stores the coagulation liquid 3, an inter-bath connection unit 18 which connects the upstream side coagulation bath 4 with the downstream side coagulation bath 7 in order to deliver a yarn 9 formed by treating the spinning dope in the upstream side coagulation bath 4 to the downstream side coagulation bath 7, and a lifting drive unit 20 for driving the upstream side coagulation bath 4 so as to be lifted and lowered.

No. of Pages: 29 No. of Claims: 9

(22) Date of filing of Application :05/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : MACHINE COMPRISING MOTOR, CRANKSHAFT, LEVER ARMS FOR COMPRESSING MANUAL VENTILATOR MO BAGS AT VARIABLE FREQUENCY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06G7/70 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SANJEEV KUMAR JAIN Address of Applicant:1902, SECTOR-39B, CHANDIGARH- 160036 Chattisgarh India 2)NEELAM JAIN (72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application Number Filing Date	: NA :NA :NA	1)SANJEEV KUMAR JAIN 2)NEELAM JAIN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Presently in hospital emergency care, the manual ventilation with ambu bag is done by compressing it with hands manually. We have made a machine primarily for compressing ambu bag in hospital emergency settings which comprises of a crank shaft attached with a sleeve to the gear motor axle. This crank shaft is connected to a pressing arm which is further connected to a linker arm which moves on a hinge. (Fig 1) . the whole mechanism is encased in a frame which is given with nets to hold the ambu bag in place while compressing and a height adjustment sleeves mechanism through which machine can be tightened with bolts on any particular height on an iron pipe provided for height adjustment mechanism. The motor is connected to a power supply through resistance regulator switches in series.

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

(22) Date of filing of Application :08/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "A DEVICE FOR, AND A METHOD OF, COOLING FUEL CELLS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23Q :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWDER METALLURGY AND NEW MATERIAL (ARCI), DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOV. OF INDIA Address of Applicant: PLOT NO. 102, INSTITUTIONAL AREA, SECTOR-44, GURGAON-122003, HARYANA. Haryana India (72)Name of Inventor: 1)KAVERIPATNAM SAMBAN DHATHATHREYAN 2)NATARAJAN RAJALAKSHMI 3)BETHAPUDI VISWANATH SASANK
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(57) Abstract:

A device for cooling a fuel cell comprises primary and secondary cooling circuits, the primary cooling circuit circulating a primary coolant drawn from a reserve tank, through the Fuel Cell, and thereafter back into the said reserve tank which contains a reserve quantity of the primary coolant. A flow controller circulates the primary coolant through the Fuel Cell into the reserve tank, while measuring the inlet temperature and flow rate of the primary coolant to the Fuel Cell. The secondary cooling circuit cools the primary coolant reserve in the said reserve tank, the said secondary cooling circuit consisting of a secondary coolant flowing through the entire secondary cooling circuit to a coil/heat exchanger immersed inside the said reserve tank in which heat exchange takes place between the said exchanger and the hot primary coolant reserve in the reserve tank. A compressor, expansion valve and condenser fan assembly are customized for liquid to liquid heat exchange, the secondary coolant absorbing the thermal energy from the primary coolant reserve in the reserve tank and flowing to the compressor as superheated vapor and getting compressed further to a high pressure, the said super heated vapor being fed to the condenser fan assembly for exchange of heat between the secondary coolant vapor and the ambient air in the condenser fan assembly through convective heat transfer. The expansion valve expands the liquid vapor mixture to regain its original condition, and fed back to the said exchanger.

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

(21) Application No.326/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :04/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD FOR DETECTING AN ACCIDENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06T1/00, H04N7/18 :102014202620.2 :13/02/2014 :Germany :NA :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GmbH Address of Applicant: Postfach 30 02 20, 70442 Stuttgart, Germany Germany (72)Name of Inventor: 1)MOERBE, Matthias
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to a method for detecting an accident of a vehicle (6), with which at least one person (10) travels, wherein at least one sensor device (8), with which at least one value of at least one kinematic magnitude of at least one person (10) is determined, on which at least one person (10) and a control device (4) are disposed at the vehicle (6), wherein for the at least one sensor device (8), a sleep mode as the passive mode of operation and at least two active modes of operation are provided, wherein the at least one sensor device (8) is controlled by the control device (4) depending on an operating state of the vehicle (6), which is dependent on at least one value of at least one kinematic magnitude of the vehicle (6).

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

(21) Application No.3737/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01H11/00 :61/917675 :18/12/2013 :U.S.A. :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MAKANAWALA, Tejesh, C. Address of Applicant:1951 Plymouth Street, Mountain View, CA 94043, United States of America. U.S.A. (72)Name of Inventor: 1)MAKANAWALA, Tejesh, C.
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(57) Abstract:

The inventive subject matter provides apparatus, systems, and methods in which one can use a feed search server to enable efficient, accurate retrieval, and discovery of experience feeds. Such feeds can be found within a feed database that it is operatively coupled with a feed search server where the discovered feeds best represent desired feed characteristics and metrics keeping in context user attributes.

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

(21) Application No.146/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: COATING COMPOSITION WITH TRISAMINE FUNCTIONALIZED DISPERSANT

(57) Abstract:

The present invention relates to a composition comprising a stable aqueous dispersion of polymer particles and a dispersant adsorbed onto the surfaces of TiO2 particles, wherein the dispersant is a water-soluble polymer functionalized with structural units of a carboxylic acid 5 ester and tris(hydroxymethy1)aminomethane. The composition of the present invention is particularly useful for achieving high hiding for paints containing associative thickeners.

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

(22) Date of filing of Application: 18/06/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: "INTEGRATED WIND TURBINE TOWER PLATFORM FOR ARC THERMAL MANAGEMENT"

(51) International classification(31) Priority Document No(32) Priority Date	:F03B :NA :NA	(71)Name of Applicant: 1)GAMESA INNOVATION & TECHNOLOGY, S.L. Address of Applicant: AVENIDA CIUDAD DE LA
(33) Name of priority country	:NA	INNOVACION, 9-11 31621 SARRIGUREN (NAVARRA)-
(86) International Application No	:NA	SPAIN Spain
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)THANGAMANI, ARUNVEL
(61) Patent of Addition to Application Number	:NA	2)NAGARAJAN, BOOPHATI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In view of the foregoing, an embodiment herein provides an integrated tower platform with a device for arc thermal management in wind turbine system. The tower platform includes an upper platform slab, a lower platform slab and a device capable of managing arc thermal effects, wherein the upper platform slab includes one or more manhole covers and plurality of connecting slots. In an embodiment, the device includes at least an arc chute assembly capable of absorbing and grounding arcing current, and at least a pressure relieving mechanism along with an internal cap capable of relieving hot and pressurized gases out of the wind turbine and preventing the saline ambient air entry into wind turbine during pre and post arcing scenarios.

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

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR PRODUCING OBJECTS FROM IRON-COBALT-MOLYBDENUM/TUNGSTENNITROGEN ALLOYS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C21D6/00, :A50820/2013 :12/12/2013 :Austria :NA :NA :NA	(71)Name of Applicant: 1)BÃ-HLER EDELSTAHL GMBH & CO KG Address of Applicant: Mariazellerstraße 25, A-8605 Kapfenberg, Austria, Austria (72)Name of Inventor: 1)GERT,KELLEZI 2)ROBERT TANZER 3)CHRISTOPH TURK
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)CHRISTOPH TURK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a production of a semi -finished product for a manufacturing of objects, particularly tools, from a precipitation-harden able alloy having a composition in wt.% of Co=15.0 to 30.0, Mo up to 20.0, W up to 25.0, Fe and manufacturing-specific impurities as a remainder. To achieve an economical, highly precise production of objects or tools of the above alloy with reduced effort, it is provided according to the invention to prevent a formation of ordered structures of the Fe atoms and Co atoms in the matrix of the type (Fe+(29xCo)) + approximately 1 wt.% Mo of the semi-finished product by means of a thermal special treatment and to thus improve a workability of the material.

No. of Pages: 12 No. of Claims: 4

(21) Application No.3748/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :17/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PRINTER

(51) International classification	:B41J2/525,	(71)Name of Applicant:
(31) Priority Document No	:2013- 268723	1)SEIKO EPSON CORPORATION Address of Applicant :of 4-1, Nishi-shinjuku 2 – chome,
(32) Priority Date	:26/12/2013	Sinjuku-ku, Tokyo 163 – 0811, JAPAN, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ISHIMORI, HIROYUKI
Filing Date	:NA	2)NARITA, HIROSHI
(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 printer has a printer frame that has an uncomplicated construction, can be manufactured with good precision, and enables easy installation of parts. The printer 1 has a printer frame 31 to which printer components are disposed. The printer frame 31 has a base frame 32, and a printer main frame 33 attached to the base frame 32. The printer main frame 33 includes first, second, and third frames 34, 35, 36. A carriage guide rail 22 that guides a head carriage 21 supporting a printhead 20 spans the first frame 34. A recording paper storage unit 11 that stores recording paper 10 is disposed between the second frame 35 and third frame 36.

No. of Pages: 49 No. of Claims: 17

(22) Date of filing of Application :17/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: A METHOD OF OPERATING A MATERIAL HANDLING MACHINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B60S9/02, :1400479.0 :13/01/2014 :U.K.	(71)Name of Applicant: 1)JC BAMFORD EXCAVATORS LIMITED Address of Applicant: Lakeside Works, Rocester, Uttoxeter, Staffordshire, ST14 5JP, United Kingdom U.K.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MCKEE, Michael
(87) International Publication No	: NA	2)COOK, Matt
(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 operating a material handling machine, the machine including an engine, ground engaging means, and a control means selectively operable by an operator to move the ground engaging means, the method including the steps of:- a) starting with the ground engaging means in a first position and the engine running at a first engine speed, b) actuating the control means to move the ground engaging means towards a second position, actuation of the control means causing the engine speed to increase, c) unactuating the control means so as to simultaneously stop movement of the ground engaging means and allow the engine speed to reduce towards the first engine speed.

No. of Pages: 20 No. of Claims: 21

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AUTOMATED GRAIN GRINDING MACHINE AND METHODS FOR AUTOMATIC CONTROL THEREOF"

(87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA (63) Divisional to Application Number :NA	(31) Priority Document No (32) Priority Date (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 Filing Date :NA	B (71)Name of Applicant: 1)SHRI VISHVAKARMA (EMERY STONES) IND. PVT.LTD. Address of Applicant: P.O. SARADHANA DISTT. AJMER - 305206, RAJASTHAN, INDIA Rajasthan India (72)Name of Inventor: 1)CHOYAL, RADHEY SHYAM
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(57) Abstract:

An automatic grain grinding machine (10) for automatically grinding the grains comprising a hopper (20) for storing and feeding the grains to a magnet box (24) through conveyor means (26), a feeding means in communication with the magnet box (24) at one end and adapted to be received in the space between two grinding stones (14, 16), atleast one movable grinding stone (16) secured on a rotatable shaft (36) so that the movable grinding stone (16) rotates when the shaft (36) rotates wherein the said shaft (36) in communication with gears and bearings, a stone un-loader system for loading and un-loading of the grinding stones (14, 16), space adjusting means between the fixed upper grinding stone (14) and the movable runner grinding stone (16) to adjust the space between the two grinding stones (14,16), RPM (rotation per minute) adjusting means to adjust the rotation of the movable grinding stone (16) via the shaft (36), a grain flow outlet (40) in communication with a second storage container for storing the finished product, Programmable logic controller (PLC) technology to input instructions and control the functions of the said automatic grain grinding machine (10), input sensors controlled with Programmable Logic controller to measure and control the processes in the automated grinding machine (10), input cum display screen controlled by the Programmable Logic controller to input the commands and monitor the functions of the said automatic grain grinding machine (10), Electrical components to power and control the said automatic grain grinding machine and the parts of automatic grain grinding machine.

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

(22) Date of filing of Application :28/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: GLASS ROD MACHINING METHOD AND MACHINING APPARATUS

(51) International classification	:B24B19/22	(71)Name of Applicant:
(31) Priority Document No	:2014- 016386	1)Shin-Etsu Chemical Co., Ltd. Address of Applicant :6-1, Ohtemachi 2-chome, Chiyoda-ku,
(32) Priority Date	:31/01/2014	Tokyo 100-0004, Japan. 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	

(57) Abstract:

To prevent constriction machining from reducing usage efficiency of a glass rod, provided is a glass rod machining method including softening of softening a portion of the glass rod by heating the portion of the glass rod, and constricting of forming a constricted shape in the glass rod by moving one end of the glass rod relative to the other end of the glass rod at a constriction speed satisfying a condition that a constriction load acting as a tensile force on the glass rod does not extend beyond a predetermined range. In this method, the constricting includes, when constriction speed increases, making an adjustment to decrease a heating temperature of the glass rod. This method may include determining of determining the heating temperature of the glass rod during the constricting by referencing a heating temperature table in which heating temperatures corresponding to the constriction speed are stored in advance.

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

(21) Application No.3704/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :15/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ORAL CHOLERA VACCINE

(51) International classification	:A61K39/106	(71)Name of Applicant :
(31) Priority Document No	:PI 2013702493	1)UNIVERSITI PUTRA MALAYSIA Address of Applicant :Putra Science Park, Universiti Putra
(32) Priority Date	:19/12/2013	Malaysia, 43400 Serdang Selangor Malaysia. Malaysia
(33) Name of priority country	:Malaysia	(72)Name of Inventor:
(86) International Application No	:NA	1)ROZITA ROSLI
Filing Date	:NA	2)MARIANA NOR SHAMSUDIN
(87) International Publication No	: NA	3)SYAHRILNIZAM ABDULLAH
(61) Patent of Addition to Application Number	:NA	4)NADINE NOGRALES
Filing Date	:NA	5)AIMI MELATI HANAFI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides s DNA plasmid pVAX1 comprising coding sequences of the Vibrio cholerae genes ctxB, optionally encapsulated in alginate or cellulose acetate phthalate microspheres. This plasmid is suitable as the active ingredient for an oral vaccine against cholera.

No. of Pages: 33 No. of Claims: 8

(22) Date of filing of Application: 19/12/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: APPARATUS AND METHOD FOR CONTROLLING WIDTH OF MULTI-STAND ROLLING MILL

B21B37/50, B21B37/22, B21B	Nam-gu, Pohang-si, Gyeongsangbuk-do, Republic of Korea
:KR 10- 2013- 0161534	Republic of Korea (72)Name of Inventor: 1)Kim, Sung-Hyun
:23/12/2013	2)LEE, Duk-Man
:Republic of Korea	
:NA	
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
_	B21B37/50, B21B37/22, B21B :KR 10- 2013- 0161534 :23/12/2013 :Republic of Korea :NA :NA :NA

(57) Abstract:

There are provided an apparatus and method for controlling a width of a multi-stand rolling mill. The width controlling apparatus includes a measuring unit measuring the steel sheet passing through a plurality of rolling stands, thus generating at least one of a measured temperature value, a measured stress value and a measured width value corresponding to a surface temperature, a stress and a width of the steel sheet, and a tension control unit calculating a reference stress value corresponding to each of the plurality of rolling stands using target width variables that are set for the plurality of rolling stands, respectively, and calculating a final target stress value by compensating for the reference stress value using any one of the measured temperature value, the measured stress value and the measured width value, thus adjusting the tension of the rolling stand depending on the final target stress value. [Representative Drawing] Figure 1-

No. of Pages: 33 No. of Claims: 10

(21) Application No.1462/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : â€DEVELOPMENT OF MEMBRANE BOUND EXPRESSION BASED DNA VACCINE AGAINST ETOXIN OF CLOSTRIDIUM PERFRINGENS†•

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF IMMUNOLOGY
(32) Priority Date	:NA	Address of Applicant: Aruna Asaf Ali Marg New Delhi
(33) Name of priority country	:NA	110067Â India. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SACHIN KUMAR DESHMUKH
(87) International Publication No	: NA	2)HIMANI KAUSHIK
(61) Patent of Addition to Application Number	:NA	3)NEERAJ SHARMA
Filing Date	:NA	4)ARCHANA TIWARI
(62) Divisional to Application Number	:NA	5)PIYUSH TRIVEDI
Filing Date	:NA	6)LALIT CHANDER GARG

(57) Abstract:

DNA ENCODING MEMBRANE ANCHORED EPSILON TOXIN VACCINE This invention relates to method of eliciting an immune response in mice by introducing DNA vaccine encoding e (epsilon) toxin (Etx) of Clostridium perfringens. Particularly this invention provides membrane bound eukaryotic expression of epsilon toxin gene sequence and their use in effective vaccine compositions. 16

No. of Pages: 26 No. of Claims: 10

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FILTER DEVICE WITH FILTER HOUSING AND FILTER ELEMENT

(51) International classification	:F02D	(71)Name of Applicant:
(21) Priority Dogument No.	:10 2013	1)ROBERT BOSCH GmbH
(31) Priority Document No	216 853.5	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(32) Priority Date	:23/08/2013	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)KROECKEL, Katrin
Filing Date	:NA	2)KAISER, Thomas
(87) International Publication No	: NA	3)BENITEZ, Cesar Garcia
(61) Patent of Addition to Application Number	:NA	4)RAMOS, Marina Camacho
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present subject matter relates to a filter device (10) for filtering of a fluid, in particular of a motor vehicle, comprising a filter housing (12) and a filter element (18) to be coupled to a fluid-conducting connection (24) thereto. According to the present subject matter, the fluid-conducting connection (24) is designed with a non-rotationally symmetric cross-sectional shape.

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

(21) Application No.2133/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ADHESIVE AND USE FOR ATTACHMENT TO MICROFIBER GARMENTS

(51) International classification	:A61F	(71)Name of Applicant :
(31) Priority Document No	:61/862,264	1)MCNEIL-PPC, INC.
(32) Priority Date	:05/08/2013	Address of Applicant :199 Grandview Road, Skillman, NJ
(33) Name of priority country	:U.S.A.	08558, USA, U.S.A.
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)JENNIFER JENSEN AUSTIN
(87) International Publication No	: NA	2)THOMAS HARRY QUINN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an adhesive and its use for attachment to microfiber garments. The adhesive provides peel strength, complex modulus and glass transition properties suitable for this application.

No. of Pages: 41 No. of Claims: 60

(21) Application No.3397/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :21/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : FRICTION RING, SYNCHRONIZER RING, SYNCHRONIZING UNIT AS WELL AS A VARIABLE RATIO GEAR TRANSMISSION FOR A VEHICLE

(33) Name of priority country (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA	Address of Applicant :Bremer Heerstrasse 39, 28719 Bremen, Germany Germany (72)Name of Inventor : 1)GARY I. SKIPPER 2)DR. MARCUS SPRECKELS 3)ULF CHRISTOFFER
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

The invention relates to a friction ring (1) for a synchronizing unit (2) of a variable ratio gear transmission. The friction ring (1) comprises a conical friction body having an inner friction surface and an outer installation surface which each bound the friction ring body in a radial peripheral direction extending perpendicular to an axial friction ring axis (4). The friction ring body comprises a projection (9) for restraining a movement of the friction ring (1) relative to a synchronizer ring (7) substantially along the friction axis in operation in the synchronizing unit (2).

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

(21) Application No.3399/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :22/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING THE POSITION ERROR OF A SATELLITE LOCALIZATION RECEIVER

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(51) International classification	:G01S19/13	(71)Name of Applicant :
(31) Priority Document No	:1302697	1)THALES
(32) Priority Date	:22/11/2013	Address of Applicant :45 rue de Villiers 92200 NEUILLY
(33) Name of priority country	:France	SUR SEINE France France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MATHIAS VAN DEN BOSSCHE
(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:

System and method for determining a distribution of a position error of a receiver of localization signals, said signals being sent by at least one satellite, the system including the receiver, one position of which is known as first position and is affected by an error, known as first error, having a distribution, known as first distribution, a first device for determining positions of said satellite(s), known as second positions, a device for transmitting the second position of the first determination device to the receiver, the first distribution is defined by at least one first cumulant, of higher-than-second order.

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

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: PREPARATION OF RARE EARTH PERMANENT MAGNET

(51) International classification	:H01F1/053	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)Shin-Etsu Chemical Co., Ltd.
(31) Thomas Document No	029667	Address of Applicant :6-1, Ohtemachi 2-chome, Chiyoda-ku,
(32) Priority Date	:19/02/2014	Tokyo, Japan. Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Yukihiro KURIBAYASHI
Filing Date	:NA	2)Yoshifumi NAGASAKI
(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 rare earth permanent magnet is prepared by immersing a portion of a sintered magnet body of R1-Fe-B composition (wherein R1 is a rare earth element) in an electrodepositing bath of a powder dispersed in a solvent, the powder comprising an oxide, fluoride, oxyfluoride, hydride or rare earth alloy of a rare earth element, effecting electrodeposition for letting the powder deposit on a region of the surface of the magnet body, and heat treating the magnet body with the powder deposited thereon at a temperature below the sintering temperature in vacuum or in an inert gas.

No. of Pages: 30 No. of Claims: 11

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : HYBRID POWER SYSTEM AND METHOD OF OUTPUTTING POWER WITH THE HYBRID POWER SYSTEM

(51) International classification	:H02J4/00	(71)Name of Applicant:
(31) Priority Document No	:102128146	1)MOBILETRON ELECTRONICS CO., LTD.
(32) Priority Date	:06/08/2013	Address of Applicant :No.85, Sec. 4, Zhongqing Rd., Daya
(33) Name of priority country	:Taiwan	Dist., Taichung City 428, Taiwan (R.O.C.) Taiwan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Shih-Hao Wang
(87) International Publication No	: NA	2)Chien-Chin Huang
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

A hybrid power system includes a motor-generator module, a powering module, an engine module, a fuel module, and a control module. The motor-generator module has a winding set, and the winding set could be switched between a first connection mode (high coefficient of counter EMF) and a second connection mode (low coefficient of counter EMF). The winding set is switched to the first connection mode while the motor-generator module starts to drive a vehicle, and the engine module is started while a speed of the motor-generator module is higher than a start speed. The winding set of the motor-generator module is switched to the second connection mode while a ratio of a torque of the motor-generator module to a torque of the driven device is lower than a predetermined value to make the engine module drive both the motor-generator module and the driven device. FIG. 1

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

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CARGO LOADING SHIP AND METHOD OF PERFORMING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10-2013- 0153465 :10/12/2013 :Republic of Korea :NA :NA :NA	(71)Name of Applicant: 1)HYUNDAI HEAVY INDUSTRIES CO., LTD. Address of Applicant:(Jeonha-dong) 1000, Bangeojinsunhwan-doro, Dong-gu, Ulsan, 682-792, Republic of Korea. Republic of Korea (72)Name of Inventor: 1)Hong II IM 2)Wha Soo KIM 3)Byeong Rok LEE 4)Do Hyung LEE 5)Dae Seung CHO
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	5)Dae Seung CHO

(57) Abstract:

A cargo loading ship includes. Therefore, the cargo loading ship includes a plurality of side walls being projected toward a upper side of a hull, a deck house being located on the plurality of side walls and a cargo loading unit being at least enclosed with a lower side of the deck house and opposing surfaces of the plurality of side walls and being opened along a longitudinal direction of the hull. Therefore, the cargo loading ship includes a movable accommodation to maximize a number of a cargo being loaded in a ship.

No. of Pages: 30 No. of Claims: 15

(21) Application No.380/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYNERGISTIC MICROBICIDAL COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A01P1/00 :61/273,049 :30/07/2009 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)ROHM AND HAAS COMPANY Address of Applicant:100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, USA U.S.A. (72)Name of Inventor: 1)MEGAN A. DIEHL 2)DOLORES A. SHAW
Filed on	:06/07/2010	

(57) Abstract:

A composition comprising a tnicrobicidally synergistic mixture of A) benzisothiazolinone (BIT) with B) etidronic acid and wherein the synergistic ratio of BIT/ etidronic acid range is from 1/27 to 1/200.

No. of Pages: 32 No. of Claims: 1

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CURVED LIQUID CRYSTAL DISPLAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F21Y101/00 :10-2013- 0167557 :30/12/2013 :Republic of Korea :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Samsung Display Co., Ltd. Address of Applicant:95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea. Republic of Korea (72)Name of Inventor: 1)PARK, Min Wook 2)PARK, Joo Hwan 3)SON, Jeong Man 4)LEE, Cheong Hun
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(57) Abstract:

A curved liquid crystal display including a first substrate having a curved shape; a plurality of gate lines and data lines on the first substrate; a plurality of thin film transistors connected to the gate lines and data lines; a plurality of color filters on the thin film transistors; a plurality of pixel electrodes and common electrodes on the plurality of color filters, the plurality of pixel electrodes and common electrodes overlapping with each other with a first insulating layer therebetween; a second substrate having a curved shape, the second substrate facing the first substrate; vertical alignment layers on inner sides of the first substrate and the second substrate; and a liquid crystal layer between the vertical alignment layers, wherein liquid crystal molecules of the liquid crystal layer are aligned to be vertical to surfaces of the first substrate and the second substrate when an electric field is not formed.

No. of Pages: 53 No. of Claims: 31

(21) Application No.391/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR MONITORING THE OPERATION OF A METAL DETECTION SYSTEM AND METAL DETECTION SYSTEM

(51) International classification	:G08B29/00	(71)Name of Applicant:
(31) Priority Document No	:14161582.3	1)Mettler-Toledo Safeline Ltd.
(32) Priority Date	:25/03/2014	Address of Applicant :Montford Street, Salford, Manchester
(33) Name of priority country	:EPO	M50 2XD, Greater Manchester, United Kingdom U.K.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MCADAM Stephen
(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 method serves for monitoring the operation of a metal detection system that is equipped with a balanced coil system (2) comprising a transmitter coil (21) that is connected to a first transmitter unit (I), which provides a transmitter signal (sl) comprising at least a first and a second operating frequency (fTXl, fTX2), and a first and a second receiver coil (22, 23) that provide output signals (s22, s23) to a receiver unit (3), which compensate one another in the event that the metal detection system is in balance. According to the invention a first operating frequency (fTX1) and a second operating frequency (fTX2) are applied separately together each with a monitoring frequency (fMON) to inputs of a first and a second modulation unit (52, 53), which provide a first and a second modulated monitoring signal (Sm1, Sm2),each comprising a first or second modulated monitoring frequency fMM1, fMM2) without a carrier, which are applied to inputs of a summation unit (54), which outputs a combined output signal (sMI2) that comprises the two modulated monitoring frequencies (fMM1, fMM2) and that is applied to a monitoring coil (24) that is inductively coupled with at least one of the receiver coils (22; 23). (Fig. 1)

No. of Pages: 27 No. of Claims: 14

(21) Application No.1436/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "NOVEL NANOEMULSION/ SELF NANOEMULSIFYING DRUG DELIVERY SYSTEM FOR ENHANCED ORAL BIOAVAILABILITY OF HYDROPHOBIC SELECTIVE ß1-ADRENORECEPTOR BLOCKER"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PANJAB UNIVERSITY Address of Applicant: CHANDIGARH - 160 014, PUNJAB, INDIA Punjab India (72)Name of Inventor: 1)SINHA, VIVEK RANJAN 2)GHAI, DAMANJEET
		2)GHAI, DAMANGEET
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a pharmaceutical formulation of a hydrophobic therapeutic agent talinolol (P-glycoprotein substrate) as an oral nanoemulsifying drug delivery system. More particularly, this invention relates to an oil-in water nanoemulsion delivery system of talinolol with a mean particle diameter of 10 to 200 run that comprises at least an oil having a concentration of greater than or equal to 10% (w/w) of triacetin. The invention also relates to a pharmaceutical composition in the form of a self-nanoemulsifying drug delivery system (SEDDS) comprising a therapeutic agent, a co-surfactant, oil, and a further surfactant. The invention further relates to a method of increasing the bioavailability of poorly water soluble and P-glycoprotein substrates.

No. of Pages: 55 No. of Claims: 31

(21) Application No.1845/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: MICROBIOLOGICAL PROCESS FOR REMOVAL OF PHORBOL ESTER

(51) Intermedianal alassification	·C120	(71) Name of Applicant
(51) International classification	:C12Q	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
(32) Priority Date	:NA	Address of Applicant :ENZYME AND MICROBIAL
(33) Name of priority country	:NA	BIOCHEMISTRY LABORATORY, DEPARTMENT OF
(86) International Application No	:NA	CHEMISTRY, INDIAN INSTITUTE OF TECHNOLOGY
Filing Date	:NA	DELHI, HAUZ KHAS, NEW DELHI 110016, INDIA Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)KHARE, SUNIL KUMAR
Filing Date	:NA	2)JOSHI, CHETNA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A microbiological process for removal of phorbol ester from plant substrate is provided herein. The present invention further provides Bacillus cereus strain having accession number MTCC 10650. The Bacillus cereus strain as disclosed in the present invention is capable of removal of phorbol esters from a plant substrate containing phorbol esters. The Bacillus cereus strain as disclosed in the present invention is metal resistant and is capable of forming metal nanoparticles.

No. of Pages: 37 No. of Claims: 10

(21) Application No.2121/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :26/07/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: AEROSOL CONTAINER

(51) International classification	:B65D 83/14	(71)Name of Applicant : 1)Thomas GmbH
(31) Priority Document No	:10 2013 108 195.9	Address of Applicant :Industriestrasse 6, 63505 Langenselbold, Germany Germany
(32) Priority Date	:31/07/2013	(72)Name of Inventor:
(33) Name of priority country	:Germany	1)Kerstin Seling
(86) International Application No	:NA	2)Walter Franz
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 an aerosol container (1) on whose mouth is tightly attached a valve plate (2) with an outlet valve (3), the valve plate (2) being made of plastic and having a disk (4) with a hole (5) for a valve element of the outlet valve (3). According to the invention, a dimensionally stable extension (6) is integrally formed on the lower face of the disk (4) and has a cavity for a housing (8) of the outlet valve (3). The housing (8) abuts a seal (10) in the cavity and is fixed in the cavity. (To be published with FIG. 1)

No. of Pages: 49 No. of Claims: 33

(22) Date of filing of Application:19/12/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention : ELECTRIC MOTOR, COMPRESSOR, AND METHOD FOR CONTROLLING ELECTRIC MOTOR OR COMPRESSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H02P27/02 :CN201310743080.5 :30/12/2013 :China :NA :NA :NA :NA	(71)Name of Applicant: 1)DANFOSS (TIANJIN) LTD. Address of Applicant: No. 5 Fuyuan Road, Wuqing Development Area, Tianjin, 301700, P.R.China; China (72)Name of Inventor: 1)WANZHEN, Liu 2)LI, Yao 3)YAN, Lin 4)ZHENYU, Wang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electric motor, a compressor including the electric motor and a method for controlling the electric motor or the compressor are provided. The electric motor includes: a stator; single-phase or multiphase windings disposed on the stator; and a rotor, where the rotor includes a permanent magnet, and at least part of the permanent magnet is ferrite. By using a permanent magnet synchronous motor in a variable-speed compressor, costs of the variable-speed compressor are significantly reduced, and the performance thereof is basically the same as that of a variable-speed compressor using a rare-earth permanent magnet synchronous motor. By controlling the electric motor or the compressor, costs of the electric motor or the compressor are reduced, and moreover, and the ferrite in the electric motor can be protected from irreversible demagnetization at a low temperature, thereby improving the reliability of the compressor.

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

(21) Application No.4010/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :30/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: YARN CATCHING DEVICE AND YARN WINDING MACHINE

(51) International classification	·R65H67/08	(71)Name of Applicant:
` '	:2014-	1)MURATA MACHINERY, LTD.
(31) Priority Document No	023065	Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(32) Priority Date	:10/02/2014	Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MEKATA Tsutomu
Filing Date	:NA	2)TOYODA Takahiro
(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 yarn joining cart includes a suction pipe adapted to suck a spun yarn, and a reflective sensor adapted to detect the spun yarn passing through the suction pipe. A reflecting section adapted to reflect light emitted from the reflective sensor in a direction different from the reflective sensor is arranged at a portion facing the reflective sensor with a path of the spun yarn in the suction pipe therebetween.

No. of Pages: 35 No. of Claims: 11

(22) Date of filing of Application :27/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: TRAVEL SUPPORT DEVICE, TRAVEL SUPPORT METHOD, AND DRIVE SUPPORT SYSTEM

(51) International classification	:B60W	(71)Name of Applicant:
(31) International classification	50/00	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(21) Dei anitar Danssant Ma	:2014-	Address of Applicant :1, Toyota-cho, Toyota-shi, Aichi-ken
(31) Priority Document No	033465	471-8571, Japan Japan
(32) Priority Date	:24/02/2014	(72)Name of Inventor:
(33) Name of priority country	:Japan	1)Yuki OGAWA
(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	
(55) 41		<u> </u>

(57) Abstract:

A travel support device includes a planner, an information generator, and a traffic information obtaining unit. To each of a plurality of sections into which a travel route from the current location to the destination is divided, the planner is adapted to assign, based on a road load associated with each section, a travel mode among a first mode, in which a remaining energy charge of the battery of the vehicle is not maintained, and a second mode, in which the remaining energy charge of the battery is maintained. When traffic congestion information is acquired by the traffic information obtaining unit, the information generator is adapted to set a traffic congestion road load, which is a fixed road load, for a section in which the traffic congestion is occurring.

No. of Pages: 42 No. of Claims: 6

(21) Application No.3499/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHODS OF MAKING AND USING COMPOSITIONS COMPRISING FLAVONOIDS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61K 9/70 :61/253,857 :22/10/2009 :U.S.A. :PCT/US2010/002821 :22/10/2010 :WO 2011/049629 :NA :NA	(71)Name of Applicant: 1)API GENESIS, LLC Address of Applicant:12500 FAIR LAKES CIRCLE, SUITE, 400, FAIRFAX, VA 22033, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BIRBARA, PHILIP, J.
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The subject invention relates to novel micoparticulate and soluble forms of flavonoids, and their synthesis. The invention also includes novel formulations of such flavonoids. Further, the invention includes novel methods of manufacturing the flavonoid formulations. The invention also relates to a wide variety of applications of the flavonoid formulations.

No. of Pages: 114 No. of Claims: 43

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR MANUFACTURING BINDER FOR COAL BRIQUETTE AND METHOD FOR MANUFACTURING COAL BRIQUETTE INCLUDING THE SAME

(51) International classification (31) Priority Document No	:C10L5/48 :10-2013- 0164461	(71)Name of Applicant: 1)POSCO Address of Applicant: (Geodong-dong) 6261, Donghaean-ro,
(32) Priority Date		Nam-gu, Pohang-si, Gyeongsangbuk-do 790-300, Republic of
(33) Name of priority country	:Republic of Korea	Korea Republic of Korea (72)Name of Inventor:
(86) International Application No	:NA	1)KIM, Hyun Jong
Filing Date	:NA	2)YI, Sang-Ho
(87) International Publication No	: NA	3)CHO, Minyoung
(61) Patent of Addition to Application Number	:NA	4)PARK, Seok In
Filing Date	:NA	5)LEE, Sang Dae
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for manufacturing a binder for a coal briquette for manufacturing molten iron is provided. A method for manufacturing a binder for a coal briquette for manufacturing molten iron includes i) preparing a mixture by mixing molasses and water, ii) adding an acid to the mixture, iii) fermenting the mixture by adding cultured bacterial to the mixture, and iv) removing alcohol by distilling the mixture.

No. of Pages: 38 No. of Claims: 14

(22) Date of filing of Application :24/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DOOR CONNECTOR FOR VEHICLE

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (88) International Publication No (89) International Publication No (81) Patent of Addition to Application Number Filing Date Since IRepublication No Since I	_ ·
(62) Divisional to Application Number :NA Filing Date :NA	Sychiot chang duc

(57) Abstract:

A door connector of a vehicle supplies electric power and signals to an electrical component that is mounted in a vehicle door. The door connector includes a cap which is installed on a vehicle body panel. A plug assembly is extended from a door side, and coupled and electrically connected to the cap. A grommet protects a wire connected to the plug assembly. The plug assembly may include a plug cover. The plug cover has a grommet connector to which the grommet is coupled and has a vertical passage shape through which the wire is withdrawn downward. The plug cover accommodates a plug therein through a front surface of the plug. The plug is coupled to the cap through the front surface thereof, has a rear surface to which the wire is connected, and is coupled inside the plug cover by a fastening structure.

No. of Pages: 29 No. of Claims: 9

(22) Date of filing of Application :12/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SPARK PLUG AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:H01T13/32	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)NGK SPARK PLUG CO., LTD.
(31) Thority Document No	027169	Address of Applicant :14-18, Takatsuji-cho, Mizuho-ku,
(32) Priority Date	:17/02/2014	Nagoya-shi, Aichi, 4678525 Japan. Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Norihide KACHIKAWA
Filing Date	:NA	2)Takeru WAKAMATSU
(87) International Publication No	: NA	3)Akira SUZUKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A spark plug in which a discharge surface of a ground electrode is inclined with respect to a discharge surface of a center electrode such that an axial direction distance between the discharge surface of the ground electrode and the discharge surface of the center electrode becomes shorter as it gets closer to a front end of the ground electrode. Shape Parameters θ , X and Z of the ground electrode satisfy the following expressions (1), (2), (3) and (4): $\theta \ge -44.5(X/Z) + 35.6 \, \hat{A} \cdot \hat{A} \cdot \hat{A} \cdot (1)$; $\theta \le -2.86(X/Z) + 10.7 \, \hat{A} \cdot \hat{A} \cdot \hat{A} \cdot (2)$; $(X/Z) \le 0.95 \, \hat{A} \cdot \hat{A} \cdot \hat{A} \cdot (3)$; and $\theta \ge 0.1 \, \hat{A} \cdot \hat{A} \cdot \hat{A} \cdot (4)$.

No. of Pages: 34 No. of Claims: 4

(22) Date of filing of Application :09/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: NETWORK SYSTEM FOR RETRIEVAL OF CONFIGURATION RELATED DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:14154813 :12/02/2014 :EPO :NA :NA : NA	(71)Name of Applicant: 1)REGIFY S.A. Address of Applicant: 7, route d'Esch, 1470 Luxembourg, Luxembourg Luxembourg (72)Name of Inventor: 1)KURT, Kammerer 2)VOLKER, Schmid
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2) 1 0 222223, 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There is provided a network system (100) comprising, in accordance with an embodiment, a lookup unit (104), a clearing unit (110) having a storage device and a client unit (102). The client unit (102) is adapted for providing user-related data (106) to the lookup unit (104), wherein the user-related data (106) is based on user-specific data, the user-specific data is associated with a user, and the user-related data (106) allows for unambiguous identification of the user-specific data. Further, the lookup unit is adapted for retrieving identification data (114) from the clearing unit (110) by using the user-related data (106), wherein the identification data (114) is associated with the user-specific data (106), and the clearing unit (110) is adapted for retrieving from the storage device the identification data (114) associated with the user-specific data. The clearing unit (110) is adapted for providing the identification data (114) to the lookup unit (104). The lookup unit (104) is adapted for retrieving configuration related data (115) for a service provided to the user, wherein the configuration related data (115) are retrieved by using the identification data (114).

No. of Pages: 97 No. of Claims: 15

(21) Application No.3615/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: VEHICLE

(#d) *	G00G4 (00 6#	(71)37
(51) International classification	:G08G1/0965	(71)Name of Applicant:
(31) Priority Document No	:1322972.9	1)JC BAMFORD EXCAVATORS LIMITED
(32) Priority Date	:24/12/2013	Address of Applicant :Lakeside Works, Rocester, Uttoxeter,
(33) Name of priority country	:U.K.	Staffordshire, ST14 5JP, United Kingdom U.K.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MCKEE, Michael
(87) International Publication No	: NA	2)COOK, Matt
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A vehicle including an engine, the engine being selectably operably couplable to ground engaging motive means, the vehicle including a foot throttle for selectively controlling power delivery from the engine, a hand throttle for selectively controlling power delivery from the engine and an operator seat being moveable between a front facing position and a rear facing position, the vehicle including a static operating mode in which:- the operator seat faces forwards, the engine is decoupled from the ground engaging motive means and/or a park brake is on, and, the foot throttle is the default throttle the vehicle further including an excavation mode in which:- the operator seat faces rearwards, the engine is decoupled from the ground engaging motive means and the hand throttle is the default throttle.

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

(21) Application No.382/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYNERGISTIC MICROBICIDAL COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:A01P1/00 :61/273,049 :30/07/2009 :U.S.A. :NA :NA : NA : NA :NA :NA :1578/DEL/2010 :06/07/2010	(71)Name of Applicant: 1)ROHM AND HAAS COMPANY Address of Applicant:100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, USA U.S.A. (72)Name of Inventor: 1)MEGAN A. DIEHL 2)DOLORES A. SHAW
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(57) Abstract:

A composition comprising a microbicidally synergistic mixture of A) benzisothiazolinone (BIT) with B) gluconic acid wherein the synergistic ratio of BIT/gluconic acid range is from 1/80 to 1/600.

No. of Pages: 32 No. of Claims: 1

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FLEXIBLE BOX-FASTENING HOOK AND ELEMENT TO BE FASTENED BY SAID HOOK

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	201430007 03/01/2014 Spain	~
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(57) Abstract:

Flexible box-fastening hook and element to be fastened by said hook, it is configured from, at least, one part with, at least, a flexible part and comprising a distal end (12), a first horizontal projection (L) between the joining point of the hook (1) with the element to be fastened (2) and the distal end (12) of the hook (1) is greater than a second horizontal projection (L2) between the same joining point of the hook (1) with the element to be fastened (2) and the internal wall of the box (3) where it is going to be installed. Furthermore, said distal end (12), on abutting with the internal wall of the box (3), bends being curved in direction opposite the direction of the installation of the device or support (2) inside box (3). Optionally, the distal and (12) Incorporates fastening means (14), consisting of teeth claws or edges which are driven info the internal wall of the box (3).

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

(22) Date of filing of Application :20/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CONTROL DEVICE FOR GENERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G05D13/62, F01D17/24 :2013- 243156 :25/11/2013 :Japan :NA :NA :NA :NA	(71)Name of Applicant: 1)Suzuki Motor Corporation Address of Applicant: 300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan (72)Name of Inventor: 1)INOUE, Hiroyuki 2)AKAMATSU, Yuji
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(57) Abstract:

There is provided a control device for a generator. The generator is configured to perform a power generation by a driving force of an internal combustion engine which includes a plurality of cylinders. The control device is configured to control the generator to generate a power generation torque is generated for a predetermined period so as to suppress vibration of the internal combustion engine. The control device is configured to set a high-output cylinder from among the plurality of cylinders and control the generator to generate the power generation torque in a combustion stroke of the set cylinder.

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

(21) Application No.3383/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :20/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : ATTACHMENT STRUCTURE FOR ATTACHING DECORATIVE COMPONENT OF INSTRUMENT PANEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	B23P21/00 :2013- 240594	(71)Name of Applicant: 1)Suzuki Motor Corporation Address of Applicant: 300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan (72)Name of Inventor: 1)ISHIKAWA, Akinori
\mathcal{E}		
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An instrument panel body 20 is provided with an engagement subject portion 33 on its design surface side. A long-and-narrow portion 28 of a decorative component 2 is attached to the instrument panel body 20 on its design surface side as a result of engagement of an engagement nail 23 of the decorative component 2 with the engagement subject portion 33. The long-and-narrow portion 28 of the decorative component 2 is provided with a projection 26. An opening 7K is formed through the instrument panel body 20 near the decorative component 2. When the projection 26 is pushed by a hand inserted through the opening 7K in a direction that is opposite to the projection direction of the engagement nail 23, the long-and-narrow portion 28 is bent and the engagement nail 23 is inclined from and thereby disengaged from the engagement subject portion 33.

No. of Pages: 47 No. of Claims: 8

(21) Application No.3758/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :18/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: LUBRICANT DISPENSER AND MOUNT THEREFOR

(51) International classification	·F16N25/00	(71)Name of Applicant:
(31) Priority Document No	:20 2014 100 049.6	1)PERMA-TEC GmbH & Co. KG Address of Applicant : Hammelburger Straße 21, 97717
(32) Priority Date	:07/01/2014	Euerdorf, Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)SHALIN PATEL
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 relates to a lubricant dispenser mount with a bracket (1) for securing at least one lubricant dispenser (2) to a support and with a separate protective casing (3) that forms a cylindrical cavity for the lubricant dispenser (2), wherein the bracket (1) has a lower leg (4) with at least one lubricant fitting (5) and the protective casing (3) rests with a lower edge on the lower leg (4) of the bracket.

No. of Pages: 49 No. of Claims: 15

(21) Application No.3759/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :18/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BASECUTTER BLADE CONTROL FOR A CANE HARVESTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:61/921,950 :30/12/2013	'
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)Daenio Cleodolphi

(57) Abstract:

A cane harvester including a support member and a basecutter assembly carried by the support member. The basecutter assembly includes a plurality of basecutter units and a control system. The plurality of basecutter units include first and second basecutter units. The first basecutter unit has a first set of blades and the second basecutter has a second set of blades. The first set of blades are rotatable by the first basecutter unit, and the second set of blades are rotatable by the second basecutter unit. The control system is configured to synchronize the first set of blades with the second set of blades.

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

(21) Application No.4247/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "METHODS FOR FORMING AN OVERCLAD PORTION OF AN OPTICAL FIBER FROM PELLETIZED GLASS SOOT"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:C03B 37/018 :12/612,127 :04/11/2009 :U.S.A. :PCT/US2010/055212 :03/11/2010 :WO 2011/056820 :NA :NA	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)ROBERT B DESORCIE 2)PETER J RONCO 3)ROGER A ROSE 4)PUSHKAR TANDON
Number Filing Date		4)PUSHKAR TANDON
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods of forming an overclad portion of an optical fiber are described which include positioning a core cane member in an overclad tube to form a rod and tube assembly. Thereafter, glass soot pellets are positioned in the rod and tube assembly between the core cane member and an interior sidewall of the overclad tube. The rod and tube assembly is then redrawn under conditions effective to form the overclad tube and the glass soot pellets into a continuous, void-free glass layer surrounding the core cane member at a sintering time tsinter of at least 1800 seconds thereby forming an overclad portion of an optical fiber.

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

(21) Application No.10159/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/11/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : SURFACTANT SOLUTIONS CONTAINING N -METHYL N OLEYLGLUCAMINES AND N-METHYL- N- G2-CI-ACYLGLUCAMINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C11D :10 2012 010 701.3 :30/05/2012 :Germany :PCT/EP2013/061044 :29/05/2013 :WO 2013/178668 :NA :NA :NA	(71)Name of Applicant: 1)CLARIANT INTERNATIONAL LIMITED Address of Applicant: Rothausstr. 61, CH-4132 Muttenz Switzerland (72)Name of Inventor: 1)KLUG, Peter 2)SCHERL, Franz- Xaver 3)MILDNER, Carina 4)KEITZL, Eva- Maria
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(57) Abstract:

The invention relates to a surfactant solution containing: (a) 28 to 65 wt.- % of a mixture of (a1) 5 to 20 -wt. % of N -methyl -N - oleylglucamine , (a2) 50 to 93- wt. % of N- methyl- N- Cn- Cw- acylglucamines , (a3) 0 to 30 -wt. % of other N -methyl -N- acylglucamines , components (a1), (a2) and (a3) adding up to 100 wt.- % (b) 0 to 20- wt. % of one or more alcohols, (c) 20 to 72- wt. % of water, and (d) 0 to 5 -wt. % of additives, components (a), (b), (c) and (d) adding up to 100- wt. %.

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

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUXILIARY SHED HOUSEING AND INSTALLATION METHOD THEREOF

		(71)Name of Applicant :
(51) International classification	:H02G15/068	1)JIANGSU SHENMA ELECTRIC CO., LTD.
(31) Priority Document No	:CN 201310520705.1	Address of Applicant :ROOM 1467, BUILDING NO. 3, JIANGCHENG R & D PARK, NO. 1088 JIANGCHENG ROAD,
(32) Priority Date	:29/10/2013	SUTONG SCIENCE & TECHNOLOGY PARK, NANTONG,
(33) Name of priority country	:China	JIANGSU, CHINA China
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MA, BIN
(87) International Publication No	: NA	2)FANG, JIANG
(61) Patent of Addition to Application Number	:NA	3)ZHOU, SHUCHEN
Filing Date	:NA	4)SONG, BO
(62) Divisional to Application Number	:NA	5)SUN, ZUOJING
Filing Date	:NA	6)JIANG, JIANQUAN
		7)LIU, XIAOLEI

(57) Abstract:

An auxiliary shed housing and an auxiliary shed housing thereof are disclosed. The installation method of the auxiliary shed housing includes a) arranging the auxiliary shed housing on a corresponding shed; b) sealing both upper and lower ends of the auxiliary shed housing that are connected with the insulator with a sealing material, to form a relatively closed gap between the auxiliary shed housing and the insulator, wherein the gap is in communication with external environment through an air outlet; and c) injecting a glue liquid into the gap until all of air in the gap is discharged from the air outlet, and letting the gap be filled completely by the glue liquid. The auxiliary shed housing is mounted on an insulator including a plurality of sheds and includes a fixed portion adapted to cover the upper surface of the shed, wherein the fixed portion is coupled to the shed via a binder, and is provided with an air outlet. The auxiliary shed housing and auxiliary shed housing thereof can fasten the auxiliary shed housing on an insulator firmly and increase the service life of the auxiliary shed housing.

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

(21) Application No.3546/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :05/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DIPPER DOOR TRIP ASSEMBLY

	E02E2/40	
(51) International classification	:E02F3/40, E02F9/00,	(71)Name of Applicant : 1)Harnischfeger Technologies, Inc.
(31) International classification	E02F3/407	Address of Applicant :2751 Centerville Road Suite 342,
(31) Priority Document No		Wilmington Delaware 19808 United States of America U.S.A.
(32) Priority Date		(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)GROSS, Matthew L.
(86) International Application No	:NA	2)NICOSON, Richard L.
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 dipper door trip assembly includes a dipper, a dipper door pivotally coupled to the dipper, a linkage assembly including a sliding latch bar disposed at least partially in the dipper door, and a latch keeper coupled to the dipper. The latch keeper includes a roller that engages and disengages the latch bar.

No. of Pages: 21 No. of Claims: 20

(21) Application No.3744/DEL/2014 A

(19) INDIA

(22) Date of filing of Application: 17/12/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: DOPPLER RADAR TEST SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01Q15/18, G01S7/40 :14/172,021 :04/02/2014 :U.S.A. :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)THE BOEING COMPANY Address of Applicant:100 North Riverside Plaza, Chicago, IL 60606-2016, USA U.S.A. (72)Name of Inventor: 1)DENNIS M. LEWIS 2)WAYNE L. COOPER
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(57) Abstract:

A system 100 is provided that includes a Doppler radar unit 102 that transmits a first electromagnetic wave 106 having a first freque~lcj: which a test system 104 converts to a first electrical signal having the first frequency. The test system 104 generates a second electrical 5 signal having a second frequency, and mixes the first and second electrical signals to produce a third electrical signal having a third, sum or difference frequency. The third frequency represents a Doppler-shifted frequency caused by reflection of the first electroniagnetic wave 106 by a target at a distance from the Doppler radar unit 102. The test systein 104 converts the third electrical signal to a second electromagnetic wave 108 having the third frequency, and transmits 10 the second electroinag~leticw ave 108 back to the Doppler radar unit 102 for calculation of a speed representing that of the target as a function of the first and third frequencies, from which the Doppler radar unit 102 may be calculated/cei-tified.

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

(21) Application No.4236/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SELECTIVE LEVERAGE SYSTEM"

(32) Priority Date :29/12/2009 (33) Name of priority country :PCT	Address of Applicant :LOT 4768, NO 22, PARIT IMAN JALAN KLUANG 83000 BATU PAHAT JOHOR (MY)
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA :NA :NA :NA	(72)Name of Inventor:

(57) Abstract:

An alternation torque transmission arrangement in combination with a device having a pulsating torque cycle characteristic; said transmission arrangement comprising a gear set for creation of a cyclic torque variation selected to cooperate with the pulsating torque characteristic of said device to improve the performance thereof by a number of exponentials modifying during each cycle the net torque of the combination.

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

(21) Application No.1264/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :09/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: RELAXING TOILET APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)RAHUL CHOUDHARY Address of Applicant: 246, JAGANNATHPURA, JHARKHAND MODE, KHATIPURA, JAIPUR-302012. Rajasthan India (72)Name of Inventor: 1)RAHUL CHOUDHARY
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention will help human being in facilitating a relaxing and comfortable position when humans are emptying their body of solid waste in toilet. The invention is applicable for flush toilets and squat toilets. The design is build such that it provides sufficient pressure to rectum and makes it.easy to pass stool or emptying solid waste out of the body.

No. of Pages: 11 No. of Claims: 2

(21) Application No.336/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :05/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: TOPICAL COMPOSITIONS COMPRISING A RESORCINOL AND POWDERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61K31/00 :14/227,260 :27/03/2014 :U.S.A. :NA :NA :NA :NA	,
. ,		
	: NA	
(61) Patent of Addition to Application Number	:NA	2)MARISA DEVITA DUFORT
Filing Date	:NA	3)XUDONG YUAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A topical composition comprising a substituted resorcinol and a solid powder having a particle size distribution width of at least 15 microns is provided. Methods of treating the skin are also provided.

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

(21) Application No.3657/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : YARN STATE DISPLAY DEVICE, YARN PROCESSING DEVICE, AND YARN STATE DISPLAY METHOD

(51) International classification	:B65H63/06,	(71)Name of Applicant :
(31) Priority Document No	:2014- 015431	1)Murata Machinery, Ltd. Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(32) Priority Date	:30/01/2014	Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KAWABATA Satoshi
Filing Date	:NA	2)NAKATANI Masatoshi
(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 generating section 471 of a yarn monitoring control section 47b is adapted to generate waveform data indicating a change state of a yarn state from detection result data on a yarn state of a joint by a yarn joining vehicle 3. A calculating section 472 of the yarn monitoring control section 47b is adapted to calculate distribution data relating to the yarn state and a length from the detection result data. A display control device 100 is adapted to display on a display section 120, the distribution data as an evaluation result point in an overlapping manner with the waveform data. REFER TO FIG. 3

No. of Pages: 53 No. of Claims: 15

(22) Date of filing of Application: 15/05/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: "ANODE FOR A HIGH-TEMPERATURE FUEL CELL AND PRODUCTION THEREOF"

(51) International classification	:H01M 4/90	(71)Name of Applicant:
(31) Priority Document No	:PCT/DE2010/001295	1)PLANSEE SE
(32) Priority Date	:04/11/2010	Address of Applicant :A-6600 REUTTE, AUSTRIA Austria
(33) Name of priority country	:PCT	(72)Name of Inventor:
(86) International Application No	:PCT/DE2010/001295	1)MUCKE, ROBERT
Filing Date	:04/11/2010	2)MENZLER, NORBERT H.
(87) International Publication No	:WO 2011/060756	3)BUCHKREMER, HANS PETER
(61) Patent of Addition to Application	:NA	4)RUTTINGER, MATTHIAS
Number		5)BRANDNER, MARCO
Filing Date	:NA	6)FRANCO, THOMAS
(62) Divisional to Application Number	:NA	7)VENSKUTONIS, ANDREAS
Filing Date	:NA	

(57) Abstract:

The invention relates to a substrate-supported anode for a high-temperature fuel cell, comprising an at least 3-layer anode laminate (A1, A2, A3) on a metal substrate. The individual layers of the anode laminate each comprise yttrium-oxide-stabilized zirconium dioxide (YSZ) and nickel, wherein the average grain size of the nickel decreases from layer to layer with increasing distance from the substrate. The last layer of the anode laminate, which is intended for contact with the electrolyte, has a root-mean-square roughness Rq, also described as average surface roughness in the context of the invention, of less than 4 μ m. The overall average pore size of said layer is generally between 0.3 and 1.5 μ m. In the method for producing such a substrate-supported anode for a high-temperature fuel cell, starting powders having a bimodal grain size distribution of yttrium-oxide-stabilized zirconium dioxide (YSZ) and nickel-containing powder are used at least for the first and second layers of the anode laminate. The average grain size of the nickel-containing powder used is reduced from layer to layer so that the average grain size in the last layer of the anode laminate is advantageously no greater than 0.5 μ m.

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

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "PROCESS COOLING SYSTEM AND METHOD USING SEAWATER"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F25B 30/00 :2,682,782 :20/10/2009 :Canada :PCT/CA2010/001679 :20/10/2010 :WO 2011/047482 :NA :NA	(71)Name of Applicant: 1)EH2 (9170-3173), QUEBEC INC. Address of Applicant:757, BOUL, CURE-LABELLE BLAINVILLE, QUEBEC J7C 2K4 CANADA Canada (72)Name of Inventor: 1)LABELLE, STEPHANE
	:NA :NA	

(57) Abstract:

A method for producing cold heat for cooling a process is provided. Seawater is pumped at a selected depth and cooled to create a mixture of ice and brine. The ice is separated from the brine. Cold heat is obtained by thawing the ice. A process cooling system for producing cold heat is also provided. A pumping station comprises a line system to obtain seawater and direct the seawater to an onshore cooling plant. A refrigerant circulates in an evaporation stage in a refrigeration circuit. A heat exchanger in the evaporation stage freezes a portion of the seawater in the line system with the refrigerant. A cooling plant is connected to the line system to receive the frozen seawater. The cooling plant comprises a separation tank for separating the frozen portion of seawater from brine, and a heat exchanger to cool the process by heat exchange with the frozen seawater.

No. of Pages: 24 No. of Claims: 19

(22) Date of filing of Application :07/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: WING DEPLOYMENT OF WINGED VEHICLE AND LOCKING MECHANISM THEREOF

(51) International classification	·P64C3/54	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE DIRECTOR GENERAL, DEFENCE RESEARCH &
(32) Priority Date	:NA	DEVELOPMENT ORGANISATION (DRDO)
(33) Name of priority country	:NA	Address of Applicant :Ministry of Defence, Government of
(86) International Application No	:NA	India, Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New
Filing Date	:NA	Delhi-110105, India. Delhi India
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)RAHUL DIXIT
Filing Date	:NA	2)AK CHATTOPADHYAY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to a wing deployment and locking mechanism that deploys wings of a winged vehicle from un-deployed configuration. The mechanism comprises an actuator subassembly that actuates the rotation of the wings at a predetermined angle during deployment of the wings. The mechanism further comprises an opening member subassembly that enables positive locking of the wings once the deployment is complete. The mechanism also comprises a shear pin subassembly to maintain the wings in undeployed configuration until the time of deployment. Further, the mechanism comprises a solenoid based lock subassembly to lock the wings so as to prevent accidental deployment of the wings due to external forces. FIG. 2

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

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "A SYSTEM FOR HOISTING SEMI CIRCULAR BRAILLE CURTAIN"

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)A SQUARE INNOVATIONS
(32) Priority Date	:NA	Address of Applicant : A SQUARE INNOVATIONS PLOT
(33) Name of priority country	:NA	NO. 290, SECTOR -58, FARIDABAD, HARYANA-121004.
(86) International Application No Filing Date	:NA :NA	Haryana India (72)Name of Inventor:
(87) International Publication No	:NA	1)ABHIMANYUE BHAGAT
(61) Patent of Addition to Application Number	:NA	2)ASHOK S. BHAGAT
Filing Date	:NA	2)ADHOK 5. DHAGA1
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to a system for hoisting semi circular braille curtain comprising of a support pipe provided with a plurality of pulleys/rollers for hanging curtain by means of rope connecting the pulley/roller with shaft drum. It is associated with the following advantageous features:- Operation by a single motor Mounting of curtain in a geometry same as that of stage. Cost effective. Less power consumption with less maintenance. Highly useful.

No. of Pages: 8 No. of Claims: 6

(22) Date of filing of Application :09/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SELF STORING COLLAPSIBLE BENCHES FOR RETRACTABLE SEATING SYSTEMS"

(51) International classification	:A47C	(71)Name of Applicant:
(31) Priority Document No	:NA	1)A SQUARE INNOVATIONS
(32) Priority Date	:NA	Address of Applicant : A SQUARE INNOVATIONS PLOT
(33) Name of priority country	:NA	NO. 290, SECTOR-58, FARIDABAD, HARYANA-121004.
(86) International Application No	:NA	Haryana India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)ABHIMANYUE BHAGAT
(61) Patent of Addition to Application Number	:NA	2)ASHOK S. BHAGAT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention relates to self storing collapsible benches for retractable seating systems comprising of a bench positioned on a platform by means of a plurality of legs wherein the bench is provided with a slotted plate. It is associated with the following advantageous features:- ~ Availability of more seats by increasing the number of rows for specific height. ~ Increase in portability and ease of movement. ~ Reduction in complexity and requirement of dismantling and assembly. ~ Reduction in the weight of system. ~ Higher seating capacity consuming less space. ~ Compact.

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

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ELECTRIC ROTATING APPARATUS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (83) Name of priority country Supan	(71)Name of Applicant: 1)KABUSHIKI KAISHA TOSHIBA Address of Applicant:1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan Japan (72)Name of Inventor: 1)Takashi Ueda 2)Masanori Arata 3)Takaaki Hirose 4)Shinya Nakayama` 5)Hideyuki Nakamura
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(57) Abstract:

According to one embodiment, there is provided an electric rotating apparatus including a permanent magnet type rotor in which wedge-shaped slots are formed on an outer circumferential portion of a rotor core along an axial direction of a rotor, and permanent magnets are fitted in the wedge-shaped slots, thereby forming a plurality of rotor magnetic poles. Nonmagnetic regions extending in the axial direction of the rotor core are formed between the plurality of rotor magnetic poles.

No. of Pages: 39 No. of Claims: 11

(21) Application No.4264/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "MULTIPLE SATELLITE MODEM SYSTEM USING A SINGLE ANTENNA"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04B 1/18 :61/289,121 :22/12/2009 :U.S.A. :PCT/CA2010/002018 :17/12/2010 :WO 2011/075832 :NA :NA	(71)Name of Applicant: 1)AEROMECHANAICAL SERVICES LTD. Address of Applicant:200 W, 1144 - 29 AVENUE N.E., CALGARY, ALBERTA T2E 7PI (CA) Canada (72)Name of Inventor: 1)HARKE, STEPHEN 2)BOBYN, DANIEL
(62) Divisional to Application Number Filing Date	:NA :NA	
. ,		

(57) Abstract:

A system having multiple modems using a single antenna includes a first modem connected to a first communication system, and a second modem connected to a second communication system; a first transmission path operatively connected to the first modem, a second transmission path operatively connected to both the first and second modems and including a signal combiner; a switch operatively connected to the single antenna, and operative to select the first, second or third transmission paths, or an incoming signal path; a first transmission detector connected to the first transmission path, and a second transmission detector connected to the second transmission path. A controller is responsive to the first and second transmission detectors and operates switches to route transmissions and incoming signals in accordance with control logic.

No. of Pages: 32 No. of Claims: 12

(21) Application No.1273/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: POROUS CO3O4 NANORODS FOR PHOTOELECTROCHEMICAL WATER SPLITTING

(51) International alassification	·C07C	(71) Nome of Applicant
(51) International classification		(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)PATTAYIL ALIAS JOY
(61) Patent of Addition to Application Number	:NA	2)VIJAYAMOHANAN KUNJIKRISHNAN PILLAI
Filing Date	:NA	3)RAMSUNDAR MOHAN RANI
(62) Divisional to Application Number	:NA	4)JOYASHISH DEBGUPTA
Filing Date	:NA	

(57) Abstract:

The present invention relates to nanostructured porous cobalt oxide, Co3O4, a catalyst for electrochemical water splitting with a considerably lower overpotential for oxygen evolution. The present invention further relates to a simple, industrially feasible process of preparation of said nanostructured porous cobalt oxide catalyst thereof.

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

(21) Application No.1467/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "A NOVEL FLAVOURED AYURVEDIC ANTACID FORMULATION"

(51) International classification (31) Priority Document No (32) Priority Date	:NA :NA	(71)Name of Applicant: 1)AKUMS DRUGS & PHARMACEUTICALS LIMITED Address of Applicant: 304, MOHAN PLACE, LSC, BLOCK-
(33) Name of priority country (86) International Application No	:NA :NA	C, SARASWATI VIHAR, DELHI - 34. Delhi India (72)Name of Inventor:
Filing Date	:NA	1)SANJEEV JAIN
(87) International Publication No (61) Patent of Addition to Application Number	:NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is related to a Ayurvedic formulation comprising Khatika Churna (Calcium Carbonate) in the suspension, powder and in the form of chewable tablets. The invention provides the patient compliance by providing the formulation in various flavors as well as excluding out the gritty nature of khatika chuma.

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

(21) Application No.387/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: A PORTABLE SCREEN COMBINDED WITH ROTARY SUPPORT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10-2014- 0025263	(71)Name of Applicant: 1)Hae – yong Choi Address of Applicant: I - PARK APT. 108 Dong 301 Ho, 286 Jungnangcheon-ro, Jungnang-gu, Seoul, Korea Republic of Korea (72)Name of Inventor: 1)Hae – yong Choi
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(57) Abstract:

Provided is a portable screen combined with a rotary supporter, which is used in a small projector or a mobile phone into which a projector is embedded, wherein a support plate is provided with a rotary supporter and a rotating fixing plate so that the screen can be easily installed and carried. According to the present invention, the needed material area can be reduced to 1/2 or less and cost for manufacturing can be reduced 1/2 or less based on the screen and further weight of the screen can be reduce 1/2 or less, thereby carrying simple the screen. [DRAWINGS]

No. of Pages: 28 No. of Claims: 6

(21) Application No.3989/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :29/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FUEL PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02M :201420035273.5 :20/01/2014 :China :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)BOSCH AUTOMOTIVE DIESEL SYSTEMS CO LTD. Address of Applicant: 17 Xinhua Road New District, Wuxi City, Jiangsu Province, China China (72)Name of Inventor: 1)AMBROCK, Sascha
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(57) Abstract:

The utility model relates to a fuel pump, which comprises a pre-supply mechanical pump, an electric fuel feed pump, and a high pressure pump, and further comprises a pressure sensor for measuring an output pressure of the pre-supply mechanical pump, wherein only when the output pressure of the pre-supply mechanical pump measured by the pressure sensor is lower than a first predetermined value, both the pre-supply mechanical pump and the electric fuel feed pump are in communication with the high pressure pump to supply fuel to the high pressure pump.

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

(21) Application No.399/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :12/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: MOTORCYCLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:2014- 037542	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan (72)Name of Inventor: 1)SATOSHI SAITO 2)MAKOTO MATSUMURA 3)KAZUHIKO TANI 4)KYOSUKE INADA
` /		
Filing Date	:NA	4)KTOSUKE INADA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There is provided a cover 80 to which a brake pedal 30, an equalizer 40 connected to the brake pedal 30 and distributing operating force of the brake pedal 30 to apply operating force to a front brake BF and a rear brake BR, a return spring 39 for restoring the brake pedal 30 to its initial position, and a delay spring 49 for delaying the brake timing of the front brake BF with respect to the rear brake BR are attached, and which covers these members from the side. The brake pedal 30 is attached to a lower portion 81 of the cover 80 from outside, and the side of an attachment portion 82 is covered with a muffler 19. [Selected Drawing] FIG. 3

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

(21) Application No.4257/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "WATER CURABLE RESIN FORMULATIONS"

(57) Abstract:

The present invention relates to a water curable resin formulation comprising: (a) an epoxy resin; (b) an aromatic amine curing agent, wherein the molar ratio of amine functional groups in said curing agent relative to the epoxy functional groups of said epoxy resin is 2:1 or less; and (c) a coupling agent comprising a siloxane group coupled to an epoxy reactive group.

No. of Pages: 91 No. of Claims: 47

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : OPEN-END SPINNING ROTOR WITH A ROTOR CUP, A ROTOR SHAFT AND A COUPLING DEVICE

(51) Intermeticanal algorification	.D01H4/12	(71) Nome of Ambigant
(51) International classification	:D01H4/12 :10 2013	(71)Name of Applicant : 1)Maschinenfabrik Rieter AG
(31) Priority Document No	108 199.1	Address of Applicant : Klosterstrasse 20, 8406 Winterthur,
(32) Priority Date		Switzerland Switzerland
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Bernd Loos
Filing Date	:NA	2)Hans Kustermann
(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:

For an open-end spinning rotor (I) with a rotor cup (2), in which a fiber material is able to be spun, and with a rotor shaft (4), through which the spinning rotor (1) is able to be supported in a bearing (5), in particular a magnetic bearing, the rotor shaft (4) and the rotor cup (2) are detachably connected to each other through a coupling device (5). The coupling device (5) includes a positive-locking connection for the transmission of the turning moment between the rotor cup (2) and the rotor shaft (4) along with a magnetic device for the axial corsi-tection of the rotor shaft (4) and the rotor cup (2). The rotor shaft (4) features at least one projection (8) with at least one turning moment-transmitting area (9), which engages in at least one recess (10) of the rotor cup (2) corresponding to it with at least one turning moment-transmitting counter-area (1 1). A socket (12) for a permanent magnet (7) is arranged on the rotor cup (2), in particular in the bottom (19) of the rotor cup (2).

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

(22) Date of filing of Application :29/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: TIMETABLE DATA SUGGESTION DEVICE AND TIMETABLE DATA SUGGESTION METHOD

(51) International classification	:G06F19/00	(71)Name of Applicant:
(31) Priority Document No	:2014- 049595	1)Hitachi, Ltd. Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
(32) Priority Date	:13/03/2014	Tokyo, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HORI Satoru
Filing Date	:NA	2)SHIMURA Akitoshi
(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 add new position defi.nition points effective for working out a timetable that can sufficiently utilize routes when the number of positions that can be defined in a timetable is less with respect to the shape of a railroad. A timetable data suggestion device includes a storage unit that stores position definition point information (1 11) including position information of position definition points that are points on a train route and signal route information (1 12) that defines a train route that is a protection area of a signal, a position definition point work out unit that extracts optional two points, extracts a train route that connects the extracted points based on the signal route information, and worlts out suggested information with the points on the extracted route being made positions of new position definition points, and a display unit that displays the suggested information on a screen.

No. of Pages: 29 No. of Claims: 8

(22) Date of filing of Application :29/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: POWER CONVERSION APPARATUS AND CONTROL METHOD THEREOF

(51) International classification	:H04W	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)HITACHI, LTD.
(31) Thorny Document No	001188	Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
(32) Priority Date	:07/01/2014	Tokyo, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ISHIKURA Yuki
Filing Date	:NA	2)BANDOU Akira
(87) International Publication No	: NA	3)KOKURA Shin
(61) Patent of Addition to Application Number	:NA	4)ICHINOSE Masaya
Filing Date	:NA	5)ISHIKAWA Masakazu
(62) Divisional to Application Number	:NA	6)FUJITA Ryou
Filing Date	:NA	

(57) Abstract:

A power conversion apparatus (116a) includes a cell (105) which includes an energy storage element (204) and a switching device (202, 203) and which outputs either of a positive or negative voltage and a zero voltage relying on a voltage of the energy storage element by on or off of the switching device; an arm (104) in which one or a plurality of the cells (105) are serially connected; a power conversion circuit (103) which includes the arm (104) in plurality and which is capable of converting an alternating current to a direct current or converting a direct current to an alternating current; a central control device (107) which collectively controls each of the cells (105); a plurality of intermediate control devices (113) which are daisy-chain connected to the central control device (107) through an optical fiber cable (111); and a cell control device (213) which is connected to the intermediate control device (1 13) and which controls each of the cells (105). To AC terminals U, V, and W of each phase, one end of each serial circuit is connected. To DC terminals P and N, the other end of each of the serial circuits is connected in parallel.

No. of Pages: 24 No. of Claims: 15

(21) Application No.4260/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "ANOMALY DETECTION OF RADIOLOGICAL SIGNATURES"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:2009905545 :11/11/2009 :Australia :PCT/AU2010/001509 :11/11/2010 :WO 2011/057339 :NA :NA	(71)Name of Applicant: 1)AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION Address of Applicant: NEW ILLAWARA ROAD, LUCAS HEIGHTS, NSW 2234, AUSTRALIA Australia (72)Name of Inventor: 1)REINHARD, MARK 2)BOARDMAN, DAVID
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Described herein is a method for determining the presence or absence of anomalous radioactive materials in a target in a detection zone. In the method, a target gamma ray spectrum is obtained from the target and a target data set is prepared from the target gamma ray spectrum. This data set comprise a plurality of intensity values, each intensity value being associated with an energy bin representing a gamma ray energy or range of gamma ray energies in the target gamma ray spectrum. The target data set is then preprocessed and projected into a principal component space which contains a pre-processed data library projected into the principal component space. A distance is then determined between the projected pre-processed target data set and one or more clusters of the projected pre-processed data library in the principal component space and this distance is compared with a predetermined threshold distance so as to determine if an anomalous radioactive material is present in the target.

No. of Pages: 41 No. of Claims: 32

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : SURFACE- MODIFIED CARBON HYBRID PARTICLES, METHODS OF MAKING, AND APPLICATIONS OF THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:15/03/2013 :WO 2013/174536 :NA :NA	(71)Name of Applicant: 1)TIMCAL S.A Address of Applicant: Strada Industriale, Bodio, 6743 Switzerland (72)Name of Inventor: 1)CERICOLA, Dario 2)JURI, Giovanni 3)ZÜRCHER, Simone 4)SPAHR, Michael E.
Number Filing Date (62) Divisional to Application Number	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to surface- modified carbon hybrid particles in agglomerated form, methods for making such surface-modified carbon hybrid particles and their use, for example as conductive additives. The surface- modified carbon hybrid particles are characterized by a high surface area and a high mesopore content. The disclosure also pertains to methods for making dispersions of such compounds in a liquid medium in the presence of a surfactant and their use as conductive coatings. Polymer compounds filled with the surface -modified carbon hybrid particles are also disclosed. A further disclosure relates to the use of surface- modified carbon hybrid particles as carbon supports.

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

(22) Date of filing of Application :26/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "A PERSONAL HUMAN COMPUTER INTERACTION SYSTEM BASED ON EYE GAZE TRACKING"

(51) International classification	15/16	(71)Name of Applicant: 1)INDIAN INSTITUTE OF INFORMATION
(31) Priority Document No (32) Priority Date	:NA :NA	TECHNOLOGY Address of Applicant :DEOGHAT, JHALWA, ALLAHABAD
(32) Friority Date (33) Name of priority country	:NA	- 211012, UTTAR PRADESH, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BARNWAL SANTOSH KUMAR
(87) International Publication No	:NA	2)TRIPATHI RAMESH CHANDRA
(61) Patent of Addition to Application Number	:NA	3)TIWARI MURLI DHAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates generally to eye-tracking technology based interface system. More particularly, the invention relates to an eye-tracking capable system that allows a user to create gaze pattern from his/her eyes-movements that can be associated with user-defined objects and to execute appropriate action of the object whenever similar custom gaze pattern is detected. All these are executed in a user"s own environment as well as in a predefined object-action framework.

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

(21) Application No.136/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :15/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ATTACHING STRUCTURE OF EXHAUST GAS SENSOR IN SADDLE-TYPE VEHICLE

(51) International classification	:F01N13/00	(71)Name of Applicant:
(31) Priority Document No	:2014- 006377	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:17/01/2014	ku, Tokyo 107-8556, Japan, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YOSHITERU MIKI
Filing Date	:NA	2)NAOKI OJIMA
(87) International Publication No	: NA	3)JUN ISHIKAWA
(61) Patent of Addition to Application Number	:NA	4)KENTARO KUBO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A part of an exhaust pipe 41 is formed of a vertically-extending pipe part 41b extending along the upward-downward direction in front of an engine main body 24, and an exhaust gas sensor 63 is attached to the vertically-extending pipe part 41b in such a manner as to be disposed behind the vertically-extending pipe part 41b in vehicle front view.

No. of Pages: 34 No. of Claims: 7

(21) Application No.1959/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :11/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: HERBICIDAL COMPOSITIONS COMPRISING AMINOPYRALID AND BENTAZON

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11/09/2013 :WO 2014/043156 :NA :NA :NA	(71)Name of Applicant: 1)DOW AGROSCIENCES LLC Address of Applicant:9330 Zionsville Road Indianapolis IN 46268 U.S.A. (72)Name of Inventor: 1)CARRANZA GARZON Nelson M. 2)MANN Richard K.
Filing Date	:NA	

(57) Abstract:

Provided herein are herbicidal compositions containing (a) aminopyralid or an agriculturally acceptable salt or ester thereof and (b) bentazon or an agriculturally acceptable salt thereof. The compositions provide synergistic weed control of undesirable vegetation e.g. in rice wheat barley oats rye sorghum corn or maize oilseed rape/canola vegetables pastures grasslands rangelands fallowland turf tree and vine orchards aquatics industrial vegetation management or rights of way.

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

(19) INDIA

(22) Date of filing of Application :14/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: CLEANING COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C11D3/37 :61/673294 :19/07/2012 :U.S.A. :PCT/CN2013/071628 :18/02/2013 :WO 2014/012375 :NA :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati OH 45202 U.S.A. (72)Name of Inventor: 1)MUKHERJEE Koushik 2)TANG Ming 3)GIZAW Yonas 4)CHEN Qing 5)HULSKOTTER Frank 6)REES Darren 7)BENLAHMAR Ouidad 8)BOYKO Volodymyr 9)FIGUEROA AaronFlores 10)EBERT SophiaRosa
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(21) Application No.320/DELNP/2015 A

(57) Abstract:

Disclosed are cleaning composition preferably a laundry detergent composition comprising a foam control composition comprising a hydrophobically modified cationic polymer as well as processes for making and method of using such compositions. The composition provides for enhanced suds removal during the rinse cycle with minimal or nil impact on suds volume during the wash cycle.

No. of Pages: 44 No. of Claims: 15

(21) Application No.4277/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "ELEVATOR SECURITY SYSTEM"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B66B 1/14 :NA :NA :NA :PCT/US2009/067899 :14/12/2009 :WO 2011/075115 :NA :NA	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant: TEN FARM SPRINGS ROAD, FARMINGTON, CONNECTICUT 06032 USA U.S.A. (72)Name of Inventor: 1)FLYNN MICHAEL P. 2)PISARSKY GARY
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method of controlling access to floor within a building via elevator. The method includes receiving a passenger input indicating a desired destination floor a passenger seeks to travel to in an elevator, accessing a stored database containing data about which floors passengers are allowed to access via elevator when coming from the floor of the passenger input, determining if access is allowed based upon the desired destination floor and the data, and controlling operation of the elevator to deliver the passenger to the desired destination floor if access is allowed.

No. of Pages: 21 No. of Claims: 19

(21) Application No.3303/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :14/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: VEHICLE BODY SIDE STRUCTURE

(51) International classification	:B62D25/02	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)SUZUKI MOTOR CORPORATION
(31) Thomas Bocument No	243842	Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:26/11/2013	Hamamatsu-shi, Shizuoka-ken, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KURIAGE, Yoshitaka
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the vehicle body side structure in which a side sill garnish 8 is mounted to a side sill 3 provided in a lower part on the vehicle body side so as to extend in the vehicle longitudinal direction, the configuration is such that brackets 6 formed so as to be capable of continuously covering an outside surface 3a and a lower surface 3b of the side sill 3 are disposed on a outside surface 3a of the side sill 3, and the side sill garnish 8 is mounted to the brackets 6. [Selected Drawing] Figure 6

No. of Pages: 27 No. of Claims: 4

(21) Application No.368/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :10/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: CONSUMER APPARATUS OPERATION MANAGEMENT SYSTEM AND METHOD

:G06Q30/04	(71)Name of Applicant:
:2014- 044526	1)HITACHI, LTD. Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
:07/03/2014	Tokyo, Japan Japan
:Japan	(72)Name of Inventor:
:NA	1)SASAKI Hiroto
:NA	2)UCHIYAMA Noriyuki
: NA	3)TSUYUZAKI Masao
:NA	
:NA	
:NA	
:NA	
	:2014- 044526 :07/03/2014 :Japan :NA :NA :NA :NA

(57) Abstract:

A consumer apparatus operation management system (101) that prepares an operation plan of a consumer control apparatus in a power distribution system includes: an evaluation unit (103) configured to acquire system information including a system topology and impedances (705) in the power distribution system, to predict load amounts and power generation amounts for respective prescribed nodes (704), to generate a voltage distribution profile (801) indicative of a correlation between a power transmission distance and a voltage transition based on the system information, the load amounts, and the power generation amounts, and to figure out an evaluation value based on a variation width of the voltage distribution profile (801) and a specified voltage width (901); and a preparation unit (104) configured to prepare an operation plan related to heat quantity control andlor electric-energy control in the consumer control apparatus based on the evaluation value.

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

(21) Application No.4270/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "MALLEABLE TIP FOR AGENT APPLICATOR TO A TARGET SITE"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61M 35/00 :12/581,458 :19/10/2009 :U.S.A. :PCT/EP2010/005598 :13/09/2010 :WO 2011/047753	(71)Name of Applicant: 1)FERROSAN MEDICAL DEVICES A/S Address of Applicant:SYDMARKEN 5, 2860 SOEBORG, DENMARK Denmark (72)Name of Inventor: 1)JENSEN, FLEMMING REISSIG 2)METZLER, BETTINA
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	3)BERTELSEN, MARTIN BUE 4)TOREKOV, RASMUS KAASTRUP

(57) Abstract:

An applicator device for applying an agent to a target site with a malleable tip that can be cut to length with a pair of nursing dressing scissors or similar type of scissors and a malleable tip with a formable tube that that can be cut to length with a pair of nursing dressing scissors or similar type of scissors. The malleable tip is configured for passage of fluid theretrough and includes a malleable member. The malleable member is made of a soft metal that is strong enough to retain the shape of the tip after is has been bend into configuration, but soft and weak enough to be easily cut with a pair of nursing dressing scissors or the like. A method for preparing an applicator device that is suitable for applying an agent to a target site during or before an operation, comprising providing an applicator device with a formable tip, forming said tip to a desired configuration and cutting said formable tip to a desired length with a pair of nursing dressing scissors or similar type of scissors.

No. of Pages: 38 No. of Claims: 22

(21) Application No.4271/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "COMPOSITIONS AND METHODS FOR MILD SEDATION, ANXIOLYSIS AND ANALGESIA IN THE PROCEDURAL SETTING"

(51) International classification(31) Priority Document No(32) Priority Date	:A61K 9/00 :12/580,930 :10/10/2009	(71)Name of Applicant: 1)ACELRX PHARMACEUTICALS, INC. Address of Applicant:575 CHESAPEAKE DRIVE,
(33) Name of priority country	:U.S.A.	REDWOOD CITY, CALIFORNIA 94063, UNITED STATES OF
(86) International Application No	:PCT/US2010/052655	
Filing Date	:14/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/047143	1)PALMER, PAMELA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

[0240] Small tablets for use in procedural sedation, anxiolysis and analgesia comprising the combination sufentanil and triazolam administered via the oral transmucosal route and methods for using the same are provided.

No. of Pages: 60 No. of Claims: 22

(21) Application No.4272/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "AN IMPROVED METHOD AND APPARATUS FOR CO-SCHEDULING TRANSMISSIONS IN A WIRELESS NETWORK"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04W 72/12 :12/614,522 :09/11/2009 :U.S.A. :PCT/GB2010/051807 :28/10/2010 :WO 2011/055137 :NA	(72)Name of Inventor: 1)BEVAN, DAVID 2)GALE, SIMON
* *	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a method and apparatus for determining whether two user equipments (UEs) in a wireless network can be coscheduled by an uplink scheduler. The method includes the determination of orthogonality factors for each pair of equipments to be considered and, from the orthogonality factors, selecting UEs to be co-scheduled.

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

(22) Date of filing of Application :19/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR AUTOMATED DOCTOR ROUND NOTIFICATION

(51) International classification :A61K9/22 (31) Priority Document No :202/DEL/201 (32) Priority Date :22/01/2014 (33) Name of priority country :India (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)Samsung India Electronics Pvt. Ltd. Address of Applicant: Logix Cyber Park, Plot No. C 28-29, Tower D - Ground to 10th Floor, Tower C - 7th to 10th Floor, Sector-62, Noida – 201301 Uttar Pradesh, India Uttar Pradesh India (72)Name of Inventor: 1)YADAV, Vishwesh Kumar 2)GUPTA, Sumit 3)SINHA, Ritesh Kumar 4)JAIN, Rajat 5)CHANDER, Subhash 6)JAIN, Aditi 7)GOEL, Anubhav 8)SARDANA, Ankur 9)RATHORE, Pragam 10)PREM, Ashoka 11)SACHDEV, Ekta Anil Pradeep
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(57) Abstract:

The present invention provides a method for categorizing a doctor visit as a round visit or a non-round visit. This is done by using an electronic device placed in the vicinity of a patient. The doctor login the device on a visit to the patient. A time difference between a current time of visit and a past time of visit is calculated to determine the doctor visit as the round visit. On determination of the round visit, a message is sent to other electronic devices.

No. of Pages: 22 No. of Claims: 16

(21) Application No.3885/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :23/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ROTATING ELECTRIC MACHINE

(51) International classification	:F28D15/02	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL
(31) I Hority Document 140	272208	SYSTEMS CORPORATION
(32) Priority Date	:27/12/2013	Address of Applicant :3-1-1 Kyobashi, Chuo-ku, Tokyo 104-
(33) Name of priority country	:Japan	0031, Japan Japan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TOMII Kengo
(87) International Publication No	: NA	2)ZENGE Takao
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A rotating electric machine body 12 having a rotor core 14 and a stator core 15 provided around a rotary shaft 13 is surrounded by a pressure vessel 11 having openings at respective positions where the rotary shaft 13 penetrates the rotating electric machine body 12. A plurality of cooling pipes 25 are arranged along an axial direction of the rotary shaft 13 so as to surround an outer periphery of the rotating electric machine body 12 in the pressure vessel 11. The rotating electric machine body 12 is decentered downward with respect to the pressure vessel 11. The number of the cooling pipes 25 is larger in an upper space of the pressure vessel 11 than in a lower space thereof. [SELECTED DRAWING] FIG.1

No. of Pages: 14 No. of Claims: 2

(22) Date of filing of Application :23/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: VEHICLE DRIVE SYSTEM TESTING APPARATUS

(51) International classification	:G01M13/02	(71)Name of Applicant:
(31) Priority Document No	:2013- 272744	1)HORIBA, Ltd. Address of Applicant :2, Miyanohigashi-cho, Kisshoin,
(32) Priority Date	:27/12/2013	Minami-ku, Kyoto-shi, Kyoto 601-8510, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KOMADA, Mineyuki
Filing Date	:NA	2)IKEDA, Hiroyuki
(87) International Publication No	: NA	3)ABE, Sho
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention is directed to a testing apparatus (100) for testing a vehicle drive system (PT) by connecting load devices (2, 3) to the vehicle drive system (PT), wherein the testing apparatus (100) includes: a handle operation amount input part (51a) for inputting a handle operation amount corresponding to a handle operation of a vehicle; an accelerator operation amount input part (51b) for inputting an accelerator operation amount corresponding to an accelerator operation of the vehicle; a brake operation amount input part (51c) for inputting a brake operation amount corresponding to a brake operation of the vehicle; and a control part (53) for controlling the load devices (2, 3) based on the operation amounts simultaneously inputted by at least two of the handle operation amount input part (51a), the accelerator operation amount input part (51b) and the brake operation amount input part (51c). Fig. 1

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

(21) Application No.4280/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "COMPOUND CLOSED-LOOP HEAT CYCLE SYSTEM FOR RECOVERING WASTE HEAT AND METHOD THEREOF"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F02C 6/18 :12/618,958 :16/11/2009 :U.S.A. :PCT/US2010/049080 :16/09/2010 :WO 2011/059563 :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 RIVER ROAD, SCHENECTADY, NY 12345, USA U.S.A. (72)Name of Inventor: 1)LEHAR MATTHEW ALEXANDER
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A waste heat recovery system includes a Brayton cycle system having an heater (46) configured to circulate carbon dioxide vapor in heat exchange relationship with a hot fluid to heat carbon dioxide vapor. A Rankine cycle system is coupled to the Brayton cycle system and configured to circulate a working fluid in heat exchange relationship with the carbon dioxide vapor to heat the working fluid.

No. of Pages: 23 No. of Claims: 33

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "ECONOMICS-BASED COORDINATION OF ADVANCED PROCESS CONTROL AND REAL-TIME OPTIMIZATION"

(51) International classification	:G05B 13/02	(71)Name of Applicant:
(31) Priority Document No	:61/266,018	1)SHELL INTERNATIONALE RESEARCH
(32) Priority Date	:02/12/2009	MAATSCHAPPIJ B.V.
(33) Name of priority country	:U.S.A.	Address of Applicant :CAREL VAN BYLANDTLAAN 30,
(86) International Application No	:PCT/US2010/058390	NL-2596, THE HAGUE, THE NETHERLANDS Netherlands
Filing Date	:30/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/068794	1)CARRETTE PIERRE CHRISTIAN MARIE
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system and method for coordinating advanced process control and real-time optimization of a manufacturing process are provided. The system and method receive process data and economic data corresponding to the manufacturing process to be controlled and optimized. Based on the process data, the economic data and a nonlinear steady-state model of the process, an economic objective function is calculated by a real-time optimization module. A reduced-order non-linear approximation of the economic objective function is thereafter calculated by the real-time optimization module and transmitted to an advanced process control module. The advanced process control module utilizes the reduced-order non-linear approximation of the economic objective function to control the manufacturing process towards the constrained economic optimum.

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

(21) Application No.1869/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AN INSTANT TYPE PORRIDGE AND A PROCESS FOR PREPARATION THEREOF"

(51) International classification	:A23L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SKB FOOD PRODUCTS (P) LTD
(32) Priority Date	:NA	Address of Applicant :D-4, SMA INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	G.T. KARNAL ROAD, DELHI-110033 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUDHIR GUPTA
(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 process for preparation of Instant type.porridge where in the said process comprises the steps of: (a) grinding grain based cereals to obtain chunks (b) mixing the chunks with Honey, Malt and food flavours, glucose and dextrose in a mixer(c) Grinding of the obtained mixture (d) Roasting of the product obtained after grinding

No. of Pages: 0 No. of Claims: 0

(21) Application No.378/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYNERGISTIC MICROBICIDAL COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:A01P1/00 :61/273,049 :30/07/2009 :U.S.A. :NA :NA :NA :NA :NA :1578/DEL/2010	(71)Name of Applicant: 1)ROHM AND HAAS COMPANY Address of Applicant:100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, USA U.S.A. (72)Name of Inventor: 1)MEGAN A. DIEHL 2)DOLORES A. SHAW
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(57) Abstract:

A composition comprising a microbicidally synergistic mixture of A) benzisothiazolinone (BIT) with B) capric acid wherein the synergistic ratio of BIT/ capric acid range is from 1/30 to 1/600.

No. of Pages: 32 No. of Claims: 1

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SOLID STATE POSITIVE FORCE TOUCH SENSING"

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06F 3/041 :61/258,378 :05/11/2009 :U.S.A.	(71)Name of Applicant: 1)UICO INC Address of Applicant:175 WALL STREET, GLENDALE, HEIGHTS, IL 60139, U.S.A. U.S.A. (72)Name of Inventor:
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:PC1/US2010/055674 :05/11/2010 :WO 2011/057104 :NA :NA :NA	(/2)Name of inventor: 1)BAHAR WADIA

(57) Abstract:

A touch sensor pad, including a touch sensor that senses the presence of a touching member placed proximate the touch sensor. A layer of protective material overlies the touch sensor. The layer of protective material has a first surface proximate the touch sensor and an opposing second surface distal from the touch sensor. The second surface includes a resting surface portion and a developed surface portion. The developed surface portion is recessed below the resting surface portion such that the developed surface portion is nearer to the touch sensor than the resting surface portion. The touch sensor has a sensitivity such that the presence of a touching member in contact with the resting surface portion does not result in an actuation of the touch sensor while the presence of a touching member pressed into the developed surface portion does result in the actuation of the touch sensor.

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

(21) Application No.4287/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "DOSAGE REGIMENS FOR HCV COMBINATION THERAPY COMPRISING BI201335, INTERFERON ALPHA AND RIBAVIRIN"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/10/2010 :WO 2011/053617 :NA :NA	(71)Name of Applicant: 1)BOEHRINGER INGELHIM INTERNATIONAL GMBH Address of Applicant:BINGER STRASSE 173, 55216 INGELHEIM AM RHEIN, GERMANY Germany (72)Name of Inventor: 1)CARLA HAEFNER 2)GERHARD STEINMANN 3)JERRY O. STERN 4)CHAN-LOI YONG
(62) Divisional to Application Number Filing Date	:NA :NA	
(57) Abstract		

(57) Abstract:

The present invention relates to therapeutic combinations comprising (a) Compound (1), or a pharmaceutically acceptable salt thereof, as herein described, (b) an interferon alfa and (c) ribavirin and particular regimens for administering this combination. Compound (1) is a selective and potent inhibitor of the HCV NS3 serine protease. The present invention also relates to methods of using such therapeutic combinations for treating HCV infection or alleviating one or more symptoms thereof in a patient.

No. of Pages: 50 No. of Claims: 14

(21) Application No.4288/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "ALKYL SUBSTITUTED ARYLINDENOPYRIMIDNES AND THEIR USE AS HIGHLY SELECTIVE ADENOSINE A2A RECEPTOR ANTAGONISTS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/10/2010 :WO 2011/053508 :NA :NA :NA	(71)Name of Applicant: 1)JANSSEN PHARMACEUTICA NV Address of Applicant: TURNHOUTSEWEG 30, B-2340 BEERSE, BELGIUM Belgium (72)Name of Inventor: 1)PAUL F. JACKSON 2)MARK POWELL 3)BRIAN CHRISTOPHER SHOOK 4)AIHUA WANG
Filing Date	:NA	

(57) Abstract:

This invention relates to a novel arylindenopyrimidine, A, and its therapeutic and prophylactic uses. Disorders treated and/or prevented include Parkinson's Disease. wherein X, R2, R3, and R4 are as defined in the specification.

No. of Pages: 28 No. of Claims: 16

(21) Application No.4289/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "DISPLAY OF DISULFIDE LINKED DIMERIC PROTEINS ON FILAMENTOUS PHAGE"

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	61/261,767 17/11/2009 U.S.A.	(71)Name of Applicant: 1)JANSSEN BIOTECH, INC. Address of Applicant:800/850 RIDGEVIEW DRIVE, HORSHAM, PA 19044, USA U.S.A. (72)Name of Inventor: 1)CHICHI HUANG 2)TRACY SPINKA-DOMA 3)JOHAN FRANSSON
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(57) Abstract:

Methods are provided for the display of a complex homodimer protein on the surface of a bacteriophage particle and combinatorial synthetic libraries of such proteins displayed as a fusion polypeptide with filamentous phage pIX coat protein. Heterodimeric or more complex interchain bonded structure, such as disulfide-linked, multimeric proteins, may be displayed using the method of the invention.

No. of Pages: 60 No. of Claims: 31

(22) Date of filing of Application :08/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR THE PREPARATION OF CEFUROXIME AXETIL

(51) International classification	:A61P31/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NECTAR LIFESCIENCES LTD.
(32) Priority Date	:NA	Address of Applicant :VILLAGE : SAIDPURA, TESIL
(33) Name of priority country	:NA	DERABASSI, DISTT MOHALI-140507, PUNJAB, INDIA.
(86) International Application No	:NA	Punjab India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SAHOO PRABHAT KUMAR
(61) Patent of Addition to Application Number	:NA	2)UPANDHYAY MANOJ
Filing Date	:NA	3)RAO HANUMANTHA
(62) Divisional to Application Number	:NA	4)YADAV CHHANNU LAL
Filing Date	:NA	5)GUNDEKARI RAVINDER

(57) Abstract:

The present invention relates to an improved process for preparation of Cefuroxime axetil of formula (I) using alcohol and water system for isolation in a very safe, simple, economical, user-friendly process and in an industrially viable manner.

No. of Pages: 19 No. of Claims: 8

(22) Date of filing of Application :14/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "ALKYL HYROXYLAMINE COMPOUNDS AND THEIR USE FOR SHORTSTOPPING FREE RADICAL POLYMERIZATIONS"

(51) International classification	:C08F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:NA	Address of Applicant :2040 DOW CENTER, MIDLAND,
(33) Name of priority country	:NA	MICHIGAN 48674, U.S.A. U.S.A.
(86) International Application No	:NA	2)ANGUS CHEMICAL COMPANY
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)CHARLES EDWIN COBURN
(61) Patent of Addition to Application Number	:NA	2)MRUNALINI DHAMDHERE
Filing Date	:NA	3)KAUSTUBH S. GUPTE
(62) Divisional to Application Number	:NA	4)DAVID WAYNE MOORE
Filing Date	:NA	5)MAHESH SAWANT

(57) Abstract:

This invention _provides a method for shortstopping free radical polymerization reactions using combinations of N-isopropylhydroxylamine (JPHA) or salts thereof with either primary or secondary alkyl hydroxylamines, or with at least two primary alkyl hydroxylamines. A method for producing elastomers using the aforesaid shortstopping agents is also provided

No. of Pages: 20 No. of Claims: 12

(21) Application No.3320/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/04/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: "SUPPORTED CATALYST"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:17/12/2009 :WO 2011/075125	(71)Name of Applicant: 1)UNITED TECHNOLOGIES CORPORATION Address of Applicant: ONE FINANCIAL PLAZA, HARTFORD, CANNECTICUT 06101, USA U.S.A. 2)TOYOTA JDOSHA KABUSHIKI KAISHA 3)THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK (72)Name of Inventor: 1)ZHONG CHUAN-JIAN 2)WANJALA BRIGID
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)WANJALA BRIGID 3)LUO JIN 4)NJOKI PETER N. 5)LOUKRAKPAM RAMESHWORI 6)SHAO MINHUA 7)PROTSAILO LESIA V. 8)KAWAMURA TETSUO

(57) Abstract:

A supported catalyst is prepared by a process that includes establishing shell-removal conditions for a supported catalyst intermediate that includes capped nanoparticles of a catalyst material dispersed on a carbon support. The capped nanoparticles each include a platinum alloy core capped in an organic shell. The shell-removal conditions include an elevated temperature and an inert gas atmosphere that is substantially free of oxygen. The organic shell is removed from the platinum alloy core under the shell-removal conditions to limit thermal decomposition of the carbon support and thereby limit agglomeration of the catalyst material such that the supported catalyst includes an electrochemical surface area of at least 30 m2/g Pt.

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

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR MANUFACTURING MOLTEN IRON

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C22B9/18 :10-2013- 0160637 :20/12/2013 :Republic of Korea :NA :NA :NA :NA	(71)Name of Applicant: 1)POSCO Address of Applicant:(Goedong-dong) 6261, Donghaean-ro Nam-gu, Pohang-si Gyeongsangbuk-do 790-300, Republic of Korea Republic of Korea (72)Name of Inventor: 1)JUNG, Jae-Hoon 2)CHOI, Eung-Soo 3)KIM, Do-Seung 4)HONG, Donggyu 5)KIM, Dong-Jin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention includes a method of manufacturing molten iron which can improve bad tapping from a melting furnace by improving fluidity of slag in the melting furnace, and increases fluidity of slag by adding a powder for decreasing the melting point of slag into a melting furnace through a tuyere of the melting furnace in order to more easily increase fluidity of the slag.

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

(21) Application No.3795/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :19/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BOBBIN SETTING DEVICE AND YARN WINDING MACHINE

(31) Priority Document No 020476 (32) Priority Date (32) Priority Date 020476 Address of Applicant :3 Minami Ochiai-cl Minami-ku, Kyoto-shi, Kyoto 601-8326, Japa	
(33) Name of priority country (86) International Application No :NA (72) Name of Inventor: 1) UEDA Kenichi	
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 bobbin setting device (60) includes a bobbin gripping section (52) and a sliding mechanism (63). The bobbin gripping section (52) is adapted to grip a bobbin (48). The sliding mechanism (63) is adapted to enable the bobbin gripping section (52) to slide with the bobbin (48) gripped by the bobbin gripping section (52) in an axial 10 direction of the bobbin (48) by a force applied to the bobbin (48). The bobbin setting device (60) is not provided with a structure adapted to transmit a driving force for the slide to the bobbin gripping section (52).

No. of Pages: 51 No. of Claims: 11

(21) Application No.4290/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "HETEROCYCLYL SUBSTITUTED ARYLINDENOPYRIMIDINES AND THEIR USE AS HIGHLY SELECTIVE ADENOSINE A2A RECEPTOR ANTAGONISTS"

(51) International classification	:C07D 239/70	(71)Name of Applicant:
(31) Priority Document No	:61/255,931	1)JANSSEN PHARMACEUTICA NV
(32) Priority Date	:29/10/2009	Address of Applicant :TURNHOUTSEWEG 30, B-2340
(33) Name of priority country	:U.S.A.	BEERSE, BELGIUM Belgium
(86) International Application No	:PCT/US2010/053590	(72)Name of Inventor:
Filing Date	:21/10/2010	1)PAUL F. JACKSON
(87) International Publication No	:WO 2011/053510	2)MARK POWELL
(61) Patent of Addition to Application	:NA	3)BRIAN CHRISTOPHER SHOOK
Number		4)AIHUA WANG
Filing Date	:NA	James Hills
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55)		•

(57) Abstract:

This invention relates to a novel arylindenopyrimidine, A, and its therapeutic and prophylactic uses. Disorders treated and/or prevented include Parkinson's Disease. wherein X, R2, R3, and R4 are as defined in the specification.

No. of Pages: 40 No. of Claims: 16

(21) Application No.4291/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "METHOD FOR TREATING BLOOD PLASMA INCLUDING A STEP OF WASHING BY MEANS OF DISPERSION"

(57) Abstract:

The present invention relates to a method for treating blood plasma including the steps of ethanol precipitation of the plasma or a fraction of plasma, recovering the precipitate, washing said precipitate, recovering a washed plasma paste, and making said washed plasma paste soluble.

No. of Pages: 22 No. of Claims: 11

(21) Application No.3592/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :08/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: A DISARM DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E02F3/36 :1322858.0 :23/12/2013 :U.K. :NA :NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A disarm device for use with a hitch arrangement on a working arm of a working machine, the device comprising a measurement device for measuring a property associated with the arm which can be used to determine whether or not a working implement carried by a working arm is sufficiently supported by a surface on to which it is to be released.

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

(21) Application No.3688/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :12/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : APPARATUSES, SYSTEMS AND METHODS CONTROLLING TESTING OPTICAL FIRE DETECTORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/160,269 :21/01/2014 :U.S.A. :NA :NA :NA :NA	/
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A testing device for testing infrared OFDs is provided. The testing device may comprise a body, an infrared source, a controller and a user input. The infrared source may be housed with the body. The controller may be operatively coupled to the infrared source. The controller may also be integral to the infrared source. The user input may be operatively coupled to at least one of the controller and the infrared source. The testing device may be configured to produce infrared emissions to simulate flaming fire.

No. of Pages: 18 No. of Claims: 15

(21) Application No.4301/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: SWITCHING ELEMENT FOR A MANUAL TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H05K :10 2009 056 299.0 :30/11/2009 :Germany :PCT/EP2010/067665 :17/11/2010 :WO 2011/064127 :NA :NA	(71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant: Industriestrasse 1-3Â 91074 Herzogenaurach Germany (72)Name of Inventor: 1)MATTHIAS FEUERBACH 2)JOCHEN LOFFELMANN 3)KLAUS KRAMER
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(57) Abstract:

The invention concerns a switching element (1) for a manual transmission, which switching element (1) comprises a gearshift fork (2) and a gearshift jaw (3) that are made as separate parts. In order to achieve a comprehensive adjustability of the element in a simple and economic manner, according to the invention, the switching element (1) further comprises a retaining device (4) on which the gearshift fork (2) and the gearshift jaw (3) are fixed at spaced-apart points (5, 6), fixing being realised at each of these points (5, 6) by means of a screw connection (7, 8). (Figure 1)

No. of Pages: 14 No. of Claims: 10

(21) Application No.4302/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: MODULAR DATA CENTER

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	G06F 12/623,167 20/11/2009 U.S.A. PCT/US2010/057151 18/11/2010 WO 2011/063073 NA NA NA	 (71)Name of Applicant: 1)TURBINE AIR SYSTEMSÂ LTD. Address of Applicant:6110 Cullen Blvd Houston Texas 77021 U.S.A. (72)Name of Inventor: 1)THOMAS L. PIERSON 2)LOYD GUILLOT 3)MICHAEL FELKER
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(57) Abstract:

A modular data center is constructed utilizing two building modules, wherein each module includes a computer rack disposed therein, which computer rack is spaced apart from an 5 exterior wall to define an exterior access space and spaced apart from an interior opening to define an interior access space. The modules are joined so that their openings abut one another, the adjacent interior access spaces forming a contiguous space between the two computer racks, which space satisfies access requirements for each computer rack. The interior access space between the two computer racks may be enclosed to form an 10 environment that can be separately cooled from the remainder of the modular data center. A method provides two building modules joined together so that the access spaces foi• the computer racks overlap, wherein a portion of the access space of one module forms part of the access space of the other module.

No. of Pages: 29 No. of Claims: 34

(21) Application No.4303/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: A TOY BUILDING SET WITH AN OVERLOAD-SAFE LINEAR ACTUATOR

(51) International classification(31) Priority Document No	:A47J31/46 :PA 2009 70202	(71)Name of Applicant: 1)LEGO A/S
(32) Priority Date	:12/11/2009	Address of Applicant : Aastvej 1Â DK-7190 BillundÂ
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2010/050304	(72)Name of Inventor:
Filing Date	:11/11/2010	1)FRANK HOHRMANN PEDERSEN
(87) International Publication No	:WO 2011/057640	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A toy building set comprising a number of toy building elements and an overload-safe linear actuator having a centre axis and with two spindle parts comprising a first spindle part with an internal thread arranged concentrically to the centre axis, and a second spindle part with an external thread screwed into the internal thread on the first spindle part, and wherein the thread on the one spindle is at least twice as long as the thread on the second spindle part. One of the spindle parts being provided with a slot extending through the spindle part longitudinally of the thread configured on the spindle part and essentially along the entire thread, it is accomplished that it is easy to adjust the length of the actuator by pulling or pressing the two spindle parts together or away from each other.

No. of Pages: 14 No. of Claims: 12

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "IMPROVED BACTERIAL MEMBRANE PROTEIN SECRETION"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12P 21/06 :61/261,768 :17/11/2009 :U.S.A. :PCT/US2010/056680 :15/11/2010 :WO 2011/062862 :NA :NA	(71)Name of Applicant: 1)JANSSEN BIOTECH, INC. Address of Applicant:800/850 RIDGEVIEW DRIVE, HORSHAM, PA 19044, U.S.A. U.S.A. (72)Name of Inventor: 1)HUANG CHICHI 2)LU LU
ĕ	:NA :NA	

(57) Abstract:

Improved bacterial secretion signals derived from pelB and ompA are provided. The improved variants enhance bacterial membrane secretion are thus useful for production of proteins secreted from bacteria including proteins displayed on filamentous phage particles, and, in particular, proteins requiring oxidative formation of covalent bonds, such as disulfide bonds within or between polypeptide chains in order to form a correctly folded and functional protein structure. Described herein are methods for the multivalent display of complex dimeric proteins on the surface of a bacteriophage particle and combinatorial synthetic libraries of such proteins displayed as a fusion polypeptide with filamentous phage pIX coat protein. Heterodimeric or more complex interchain bonded structures may also be displayed using the method of the invention.

No. of Pages: 56 No. of Claims: 25

(21) Application No.4295/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "POLYUREA-URETHANE CORD TREATMENT FOR POWER TRANSMISSION BELT AND BELT"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D06M 15/564 :12/628,676 :01/12/2009 :U.S.A. :PCT/US2010/057943 :24/11/2010 :WO 2011/068729 :NA :NA	(71)Name of Applicant: 1)THE GATES CORPORATION Address of Applicant:1551 WEWATTA STREET, DENVER, CO 80202, USA U.S.A. (72)Name of Inventor: 1)JOSEPH R. JR. DUKE 2)JOHN GRAEME KNOX
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(57) Abstract:

A belt with a tensile cord embedded in an elastomeric body, having a polyurea-urethane adhesive composition $im\hat{A}\neg pregnating$ the cord and coating the fibers. The composition is reaction product of a polyurethane prepolymer and a diamine $cura\hat{A}\neg tive$ or water. The prepolymer is a reaction product of a compact, symmetric diisocyanate and a polyester, polyether, or polycar $\hat{A}\neg bonate$ polyol. The belt body may be of cast polyurethane, vulcanized rubber, or thermoplastic elastomer. The cord may have an adhesive overcoat.

No. of Pages: 41 No. of Claims: 25

(21) Application No.4296/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHOD OF PREPARING SITAGLIPTIN AND INTERMEDIATES USES THEREIN"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:19/10/2010 :WO 2011/049344	(71)Name of Applicant: 1)HANMI HOLDINGS CO., LTD. Address of Applicant:#45, BANGI-DONG, SONGPA-GU, SEOUL 138-828, RUPUBLIC OF KOREA; Republic of Korea (72)Name of Inventor: 1)KIM, NAM DU 2)CHANG, JI YEON 3)KIM, DONG JUN
•		2)CHANG, JI YEON 3)KIM, DONG JUN
Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)LEE, HYUN SEUNG 5)JUNG, JAE HYUK 6)CHANG, YOUNG, KIL 7)LEE, GWAN SUN

(57) Abstract:

Disclosed are a novel, simple and low-cost method for preparing sitagliptin, as DPP-IV (dipeptidyl peptidase IV) inhibitor, which is useful in treating type 2 diabetes mellitus and key intermediates used in said preparation of sitagliptin.

No. of Pages: 24 No. of Claims: 15

(21) Application No.4297/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "ALDEHYDE-FUNCTIONALIZED POLYMERS WITH ENCHANCED STABILITY"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C08L33/26 :12/641,557 :18/12/2009 :U.S.A. :PCT/US2010/061040 :17/12/2010 :WO 2010/075650 :NA :NA	(71)Name of Applicant: 1)NALCO COMPANY Address of Applicant:1601 W. DIEHL ROAD, NAPERVILLE, ILLINOIS 60563-1198, UNITED STATES OF AMERICA; U.S.A. (72)Name of Inventor: 1)BODE, HEINRICH, E.; 2)ST. JOHN, MICHAEL, R.; 3)LIU, MEI 4)LOWE, ROBERT, M.
(62) Divisional to Application Number Filing Date	:NA :NA	4)LOWE, ROBERT, M.

(57) Abstract:

The current invention includes a composition having stability additives of selected inorganic salts and/or organic incorporated into an aldehyde-functionalized polymer product. The stability additive can be post added to the finish polymer product, added to the reaction vessel prior to inducing functionalization of the non-functionalized polymer, or added at any stage during the functionalization reaction. Methods for forming the composition and using the composition to produce a cellulosic fiber-based medium are also disclosed.

No. of Pages: 34 No. of Claims: 15

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR OPERATING A NETWORK OF SENSORS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04L 29/08 :12/629,931 :03/12/2009 :U.S.A. :PCT/US2010/055676 :05/11/2010 :WO 2011/068628 :NA :NA	(71)Name of Applicant: 1)OSOCAD REMOTE LIMITED LIABILITY COMPANY Address of Applicant: ATTENTION: DEPT 281, 2711 CENTERVILLE ROAD, SUITE 400, WILMINGTON, DELAWARE 19808, U.S.A. U.S.A. (72)Name of Inventor: 1)WHEELER, THOMAS T. 2)YE, QIN 3)PETERSON, ROBERT W.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a network of sensor nodes, operational efficiency may be increased by configuring the sensor nodes so that sensor agents may be transferred to alternative sensor nodes to process sensor node data, such as when the host sensor node is in a low-power mode. A processing node of the network may be configured to retrieve real-time data from a sensor node but if real-time data is not available, the processing node may perform calculations on cached data retrieved from a processor node cache or data of a nearby sensor node.

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

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: VARIABLE PENETRATION DEPTH BIOSENSOR AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:09/11/2010 :WO 2011/066097 :NA :NA	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor: 1)JAMES GREGORY COUILLARD 2)NORMAN HENRY FONTAINE 3)GUANGSHAN LI 4)ANPING LIU 5)JINLIN PENG
	:NA :NA :NA	· · · · · · · · · · · · · · · · · · ·

(57) Abstract:

A surface plasmon resonance sensor system including a high refractive index 400 prism, a sensor chip, a light source having multia pe w veeng s ove to ange o w ve lengths, optical lenses, a photodetector, a data acquisition unit, and as defined herein. The sensor chip can include, for example, a thin layer of silicon and gold on one face of a transparent substrate and the prism adjacent to the opposite face of the transparent substrate. Such an arrangement provides variable penetration depths up to about 1.5 micrometers with a dynamic range for sensing index of refraction changes in a sample that are several times greater than that of a conventional SPR sensor. The disclosure provides methods for using the surface plasmon resonance sensor system for cell assay or chemical assay related applications

No. of Pages: 52 No. of Claims: 10

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "NUTRITIONAL COMPOSITIONS COMPRISING LACTOFERIN AND PROBIOTICS AND KITS OF PARTS THEREOF"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:19/10/2010 :WO 2011/051482 :NA :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND Switzerland (72)Name of Inventor: 1)KLASSEN, PETRA GERDA 2)MAGLIOLA, CORINNE 3)MANSER, DANIEL, ROLAND 4)VOSS, THERESA
Filing Date	:NA	

(57) Abstract:

The present invention relates to nutritional composition for infants and/or children comprising lactoferrin and probiotics. These compositions have been found to be useful in providing health benefits in infants and/or children. A method of manufacture of these compositions is also part of the invention. These compositions may be in the form of a kit of parts wherein a first composition according to the invention and a second composition according to the invention are each adapted to fulfil the nutritional requirements in two different age groups.

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

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "RECOMBINANT MODIFIED VACCINIA ANKARA (MVA) VACCINIA VIRUS CONTAINING RESTRUCTURED INSERTION SITES"

(51) International classification	:C12N 15/863	(71)Name of Applicant:
(31) Priority Document No	:61/252,326	1)THE U.S.A., REPRESENTED BY THE SECRETARY,
(32) Priority Date	:16/10/2009	DEPARTMENT OF HEALTH AND HUMAN SERVICES
(33) Name of priority country	:U.S.A.	Address of Applicant :OFFICE OF TECHNOLOGY,
(86) International Application No	:PCT/US2010/052929	TRANSFER, NATIONAL INSTITUTES OF HEALTH, 6011
Filing Date	:15/10/2010	EXECUTIVE BOULEVARD, SUITE 325, MSC 7660,
(87) International Publication No	:WO 2011/047324	BETHESDA, MD 20892-7660, U.S.A. U.S.A.
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number		1)MOSS, BERNARD
Filing Date	:NA	2)WYATT, LINDA S.
(62) Divisional to Application Number	:NA	3)EARL, PATRICIA L.
Filing Date	:NA	

(57) Abstract:

The present invention relates to recombinant modified vaccinia Ankara (MVA) virus containing restructured sites useful for the integration of heterologous nucleic acid sequences into an intergenic region (IGR) of the virus genome, where the IGR is located between two adjacent, essential open reading frames (ORFs) of the vaccinia virus genome, wherein the adjacent essential ORFs are non-adjacent in a parental MVA virus used to construct the recombinant MVA virus, and to related nucleic acid constructs useful for inserting heterologous DNA into the genome of a vaccinia virus, and further to the use of the disclosed viruses as a medicine or vaccine.

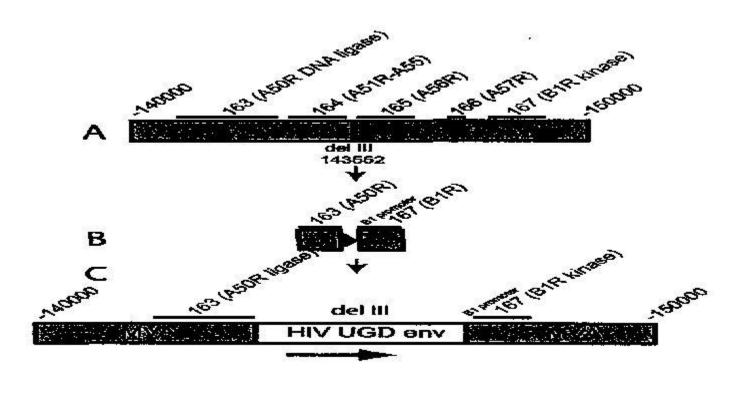


Figure 26

No. of Pages: 156 No. of Claims: 28

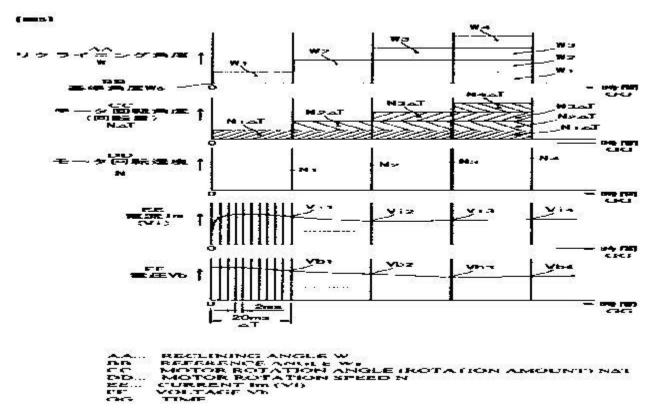
(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: VEHICLE SEAT

(51) International classification	:B60N 2/20	(71)Name of Applicant:
(31) Priority Document No	:2009-286263	1)TOYOTA SHATAI KABUSHIKI KAISHA
(32) Priority Date	:17/12/2009	Address of Applicant :100, KANAYAMA, ICHIRIYAMA-
(33) Name of priority country	:Japan	CHO, KARIYA-SHI, AICHI 4480002 (JP) Japan
(86) International Application No	:PCT/JP2010/065300	(72)Name of Inventor:
Filing Date	:07/09/2010	1)KUBO, TAKAHIRO
(87) International Publication No	:WO 2011/074297	2)SUZUKI, AKIHITO
(61) Patent of Addition to Application	:NA	3)HIRAKAWA, TOMOYA
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a vehicle seat with which it is possible to control at low cost the position of a structural member of the vehicle seat without requiring a pulse sensor or the like. The vehicle seat uses the rotational force of a motor to operate the structural member, and the vehicle seat has: a current detection means for detecting the load current (Vi) of the motor; a voltage detection means for detecting the power source voltage (Vb) of the motor; and a position calculation means for calculating the rotation speed (N) of the motor at each predetermined time (ΔT) by using a load current value (Vi) and a voltage value (Vb), and for calculating the position (W) (reclining angle (W)) of the structural member in accordance with the rotation speed (N) of the motor calculated at each predetermined time (ΔT).



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

(21) Application No.4314/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "A NON-RETURN VALVE ASSEMBLY OF THE PIVOTING FLAP TYPE, TYPICALLY FOR INSERTION IN FLOOR DRAINS"

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No		(71)Name of Applicant: 1)KIRK, LYN Address of Applicant: 27/2 BULLER ROAD ARTARMON, NEW SOUTH WALES 2064, AUSTRALIA, Australia (72)Name of Inventor:
Filing Date	:22/10/2010	1)KIRK, LYN
(87) International Publication No	:WO 2011/047437	
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A valve assembly (10) is to be used in conjunction with a tubular member having an internal surface surrounding a passage into which the valve assembly is to be sealingly inserted. The valve assembly includes a tubular body (25) having a longitudinal passage and an outer surface to be located adjacent the internal surface. A seal (29) is mounted on the outer surface to engage the internal surface to sealingly connect the tubular body with the tubular member. A movable valve member (33) is movable between an open position providing for the flow of water from an upstream end to a downstream end of the passage of the tubular body and a closed position closing the passage. Resilient means, such as a spring (34) urges the valve member to the closed position. The resilient means is configured to provide for displacement of the valve member toward the open position when pressure beyond a predetermined pressure is applied upon the movable valve member

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

(21) Application No.353/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :09/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : HYDROXYALKYLALKYL CELLULOSE FOR TABLETING AND SOLID PREPARATION COMPRISING THE SAME

(51) Intermedianal alassification	. A 61V	(71) Nome of Applicant
(51) International classification	:A61K :2014-	(71)Name of Applicant : 1)SHIN-ETSU CHEMICAL CO., LTD.
(31) Priority Document No	026500	Address of Applicant :6-1, Otemachi 2-chome, Chiyoda-ku,
(32) Priority Date		Tokyo, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YOKOSAWA, Takuya
Filing Date	:NA	2)MARUYAMA, Naosuke
(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 hydroxyalkylalkyl cellulose excellent in formability and not causing marked delay in disintegration when added even in a small amount; a solid preparation comprising the hydroxyalkylalkyl cellulose; and a method for producing the solid preparation. More specifically, provided are a hydroxyalkylalkyl cellulose for tableting having a specific surface area of from 0.5 to 5.0 m2/g as measured by BET and a solid preparation comprising the hydroxyalkylalkyl cellulose. Also provided is a method for producing the hydroxyalkylalkyl cellulose for tableting, comprising the steps of: bringing pulp into contact with an alkali metal hydroxide solution to obtain an alkali cellulose, reacting the alkali cellulose with an etherifying agent to obtain a first hydroxyalkylalkyl cellulose, grinding the first hydroxyalkylalkyl cellulose, and subjecting the ground first hydroxyalkylalkyl cellulose to hydrolysis in the presence of an acid catalyst or oxidative degradation in the presence of an oxidant to obtain a second hydroxyalkylalkyl cellulose.

No. of Pages: 29 No. of Claims: 8

(22) Date of filing of Application :26/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INJECTOR ATTACHMENT STRUCTURE

(51) International classification	:F02M	(71)Name of Applicant:
(31) Priority Document No	:2014- 004758	1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:15/01/2014	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TANAKA, Koichi
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 an injector attachment structure. An injector is disposed in an air cleaner case accommodating an air filter and is configured to inject fuel to an intake passage that communicates an air cleaner with a combustion chamber of an engine. A fuel line is configured to supply fuel to the injector. A wiring line is configured to wire the injector. The fuel line and the wiring line are formed integrally with the air cleaner case.

No. of Pages: 17 No. of Claims: 4

(21) Application No.3938/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :26/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BRUSH HOLDER PIN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A46B :201410036611.1 :26/01/2014 :China :NA :NA :NA :NA	(71)Name of Applicant: 1)BOSCH AUTOMOTIVE PRODUCTS (CHANGSHA) CO. LTD. Address of Applicant: Lixiang Road (M.), Xingsha, 410100 Changsha, Hunan Province, China China (72)Name of Inventor: 1)CHO, Wooyean
ϵ		
		1)CHO, Wooyean
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a pole housing device, an assembling method and a motor. The pole housing device according to the invention comprises: a pole housing; two stator magnets arranged circumferentially at a distance from each other on the inner surface of the pole housing; a brush holder arranged in the pole housing, wherein a positioning part is secured on the brusher holder, the positioning part is interposed in a circumferential space between the two stator magnets and contacts with at least one of the stator magnets.

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

(21) Application No.423/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :13/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: EDGE BANDING MACHINE WITH DRILLING SYSTEM

(51) International classification	:B23Q1/00, B23B39/16,	(71)Name of Applicant: 1)HAKI SABIR
(31) Priority Document No	:2014/01744	Address of Applicant :ÖZGÜ SOKAK NO: 33/2 SITELER
(32) Priority Date	:14/02/2014	ANKARA, TURKEY Turkey
(33) Name of priority country	:Turkey	(72)Name of Inventor:
(86) International Application No	:NA	1)HAKI SABIR
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	
(FF) A1		·

(57) Abstract:

This invention is an edge banding machine improved by scrapping system (9) and adhesion system (12), having face drilling system (1) that adheres and processes the materials such as PVC, foil coating, paper and melamine used in processed wood adhesion and that provides drilling minifix connection holes and trenail holes on the face of panel materials such as mdf and chipboard while the carrier conveyor is moving. FIG. 1

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

(21) Application No.438/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: RAIL VEHICLE PANTOGRAPH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01R31/00, G01R1/02 :1451466 :24/02/2014 :France :NA :NA :NA :NA	(71)Name of Applicant: 1)FAIVELEY TRANSPORT TOURS Address of Applicant: ZI Les Yvaudiéres, 75 avenue Yves Farge, 37701 SAINT PIERRE DES CORPS, France France (72)Name of Inventor: 1)PHILIPPE GOEFFROY
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(57) Abstract:

The invention relates to a rail vehicle pantograph (1) comprising a lower arm (8), an upper arm (9) articulated to the lower arm (8) and moving a contact head (7) to which it is fixed at one end of the upper arm (9), means of conducting current between the contact head (7) and one or more power lines mounted in the roof of the rail vehicle, the upper arm (9) being made of composite material and the current-conducting means comprising a conducting element distinct from the upper arm (9), fixed to the contact head (7), and electrically connected to the power line or lines.

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

(22) Date of filing of Application :09/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: TIN-PLATED COPPER-ALLOY TERMINAL MATERIAL

(54) Y	G25D 5 /50	
(51) International classification	:C25D5/50	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)MITSUBISHI MATERIALS CORPORATION
(31) Thomas Bocament 10	271703	Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku,
(32) Priority Date	:27/12/2013	Tokyo 100-8117, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)INOUE, Yuki
Filing Date	:NA	2)KATO, Naoki
(87) International Publication No	: NA	3)NAKAYA, Kiyotaka
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

By forming a nickel-based coating layer or a cobalt-based coating layer having a coating thickness of $0.005~\text{\^{A}}\mu\text{m}$ or larger and $0.05~\text{\^{A}}\mu\text{m}$ or smaller on an outermost surface of a tin-based surface layer of a terminal material of low-insertion fore in which an asperity shape of an interface between a copper-tin alloy layer and a tin-based surface layer is controlled, it is possible to reduce insertion force of fitting even though all-purpose tin-plated terminal material is used by combination.

No. of Pages: 42 No. of Claims: 3

(21) Application No.3618/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ROTARY TYPE DUST REMOVING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:20-2013- 0010271 :10/12/2013 :Republic of Korea :NA :NA :NA	(71)Name of Applicant: 1)DEOKSAN ENGINEERING CO., LTD Address of Applicant:29, Gobunongdan-gil, Gobu-myeon, Jeongeup-si, Jeollabuk-do, 580-863 Republic of Korea. Republic of Korea (72)Name of Inventor: 1)KIM, Jae Sun
(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a rotary screening apparatus, and more particularly, a rotary screening apparatus which is installed in an open channel such as drain pump station, water supply intake station, irrigation channel, sewage treatment plant and dam etc. to allow smooth removal of inclusion.

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

(21) Application No.434/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: LIGHTING SYSTEM AND CONTROL CIRCUIT FOR THE SAME

(31) Priority Document No :10-2014- 0019293	4 (71)Name of Applicant: 1)SILICON WORKS CO., LTD. Address of Applicant:707 Tamnip-dong, Yuseong-gu, Daejeon-si, Republic of Korea Republic of Korea (72)Name of Inventor: 1)KIM Yong Guen 2)MUN Gyeong Sik
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(57) Abstract:

Disclosed herein are a lighting system for emitting light using power having a phase controlled by a dimmer and improving the light emission state of a light source and a control circuit for the same. Shimmer can be improved by performing charging and discharging using a current supplied to a load or a current flowing in the current path of a load and performing current control using a charging voltage generated by the charging and discharging

No. of Pages: 62 No. of Claims: 14

(22) Date of filing of Application :18/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: VEHICLE BODY FRAME STRUCTURE OF SADDLE-RIDE-TYPE VEHICLE

(51) International classification	:B62K19/48	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)HONDA MOTOR CO., LTD.
(31) Thomy Bocument 110	040563	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:03/03/2014	ku, Tokyo 107-8556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MICHIO ATSUCHI
Filing Date	:NA	2)KOHEI YOKOUCHI
(87) International Publication No	: NA	3)HIROYUKI SHINMURA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a vehicle body frame structure 11 of a saddle- ride-type vehicle 10, a front frame portion 4 and a rear frame portion 5 are formed of a member having a pipe shape respectively, in the rear frame portion 5, a power unit 50 is mounted on a front bracket 25 which is mounted on a rear frame front portion 5f and a rear bracket 26 which is mounted on a rear frame rear portion 5r, an outer diameter of the rear frame portion 5 is set larger than an outer diameter of the front frame portion 4, and a front frame rear portion 4r of the front frame portion 4 is inserted in an inner side of the rear frame front portion 5f and the front frame rear portion 4r is joined to the rear frame front portion 5f by welding. [Selected Drawing] Fig. 7

No. of Pages: 44 No. of Claims: 6

(22) Date of filing of Application: 19/02/2015 (43) Publication Date: 13/11/2015

(54) Title of the invention: ESCALATOR STEP AND ESCALATOR HAVING THEREOF

(51) International classification	:B66B21/00	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)TOSHIBA ELEVATOR KABUSHIKI KAISHA
(31) Thomy Boument 110	046998	Address of Applicant :72-34, Horikawa-cho, Saiwai-ku,
(32) Priority Date	:10/03/2014	Kawasaki-shi, Kanagawa, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Shigeo NAKAGAKI
Filing Date	:NA	2)Kosei KAMIMURA
(87) International Publication No	: NA	3)Yoshinobu ISHIKAWA
(61) Patent of Addition to Application Number	:NA	4)Takayuki KIKUCHI
Filing Date	:NA	5)Hideo TAKAHASHI
(62) Divisional to Application Number	:NA	6)Satoshi YAMAGUCHI
Filing Date	:NA	

(57) Abstract:

An escalator step is characterized by including: a tread that includes a body section where a plurality of convex sections, which are parallel in a travelling direction, are arranged in a width direction; a riser that is coupled at a rear end portion of the body section of the tread and on which a plurality of convex sections are arranged in a width direction, with troughs being formed between adjacent convex sections; and a shock absorbing cleat that is provided in a notch which is formed in a corner portion where the riser and the tread are coupled together, wherein, on the shock absorbing cleat, a plurality of convex sections, which are parallel in a travelling direction, are arranged in a width direction, rear end surfaces are flush with troughs of the riser, each of the convex sections of the shock absorbing cleat is disposed in such a way as to be shifted a half pitch from each of the convex sections of the riser, and the shock absorbing cleat is made from a polymeric material having a Young's modulus of 1,000 MPa or less.

No. of Pages: 59 No. of Claims: 7

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SADDLE-RIDE TYPE VEHICLE INCLUDING REAR GRIP

(24) 2		
(51) International classification	:B62J6/00,	(71)Name of Applicant:
(31) Priority Document No	:JP 2014-	1)Honda Motor Co., Ltd.
(31) I Hority Document 140	056248	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:19/03/2014	ku, Tokyo 1078556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)ITO, 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	

(57) Abstract:

To provide a technology that makes a rear grip hardly become an obstacle to the leg of a rider when the rider gets on and off in a saddle-ride type vehicle in which a rider seat and a pillion are arranged in the front and rear and the rear grip the pillion passenger sitting on the pillion grasps is arranged. The present invention relates to a motorcycle 10 which includes a rider seat 43, a pillion 44 arranged in the vehicle rear of the rider seat 43 at a position higher than the rider seat 43 by one stage, and a rear grip 39 arranged at both sides of the pillion 44 and allowing the pillion passenger to grasp, the right/left width of a rider seat rear part 43b is larger than the right/left width of a rider seat front part 43a, and the pillion 44 extends from the rider seat rear part 43b toward the vehicle rear so as to have narrow width compared to the rider seat rear part 43b. Fig. 3

No. of Pages: 19 No. of Claims: 6

(21) Application No.4237/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SYSTEM AND METHOD FOR LANGUAGE DETECTION FOR STRUCTURED DATA"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G10L 15/18 :PCT/DE2009/001559 :05/11/2009 :PCT :PCT/DE2009/001559 :05/11/2009 :WO 2011/054324	(71)Name of Applicant: 1)STOLL, BERTRAM Address of Applicant: ADINDA-FLEMMICH-STRASSE 25 79100 FREIBURG (DE) Germany (72)Name of Inventor: 1)STOLL, BERTRAM
		· · · · · · · · · · · · · · · · · · ·
	:WO 2011/054324	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To date, no method is known to me, which creates a grammar for the configuration of a speech recognition software by analyzing existing data schemes in order to improve the recognition rate for creating data scheme entities via voice. The recognition rate of the spoken input is very high and will lead in practice to ensure that this form of mobile data capture will prevail (compulsory for local coverage). Applications can be for example the documentation of street tree or capture of road conditions. Examples for capturing documents via voice are applications in the field of control documentation -for maintenance and control of complex technical systems.

No. of Pages: 6 No. of Claims: 7

(21) Application No.4238/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "FREE-RADICALLY POLYMERISABLE FASTENING MORTAR HAVING SILANE ADDITIVES"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C04B 26/32 :10 2009 059 210.5 :18/12/2009 :Germany :PCT/EP2010/006980 :16/11/2010 :WO 2011/072789 :NA :NA :NA	(71)Name of Applicant: 1)FISCHERWERKE GMBH & CO. KG Address of Applicant:WEINHALDE 14-18, 72178, WALDACHTAL, GERMANY Germany (72)Name of Inventor: 1)GRUN, JURGEN 2)VOGEL, MARTIN 3)SCHMIDT, CLEMENS 4)SCHLENK, CHRISTIAN 5)WEINELT, CHRISTIAN
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(57) Abstract:

Two-component or multi-component fixing mortar, based on a free-radical-hardening unsaturated reactive resin, for embedding anchoring means in mortar in holes or crevices, which fixing mortar includes silanes which may or may not have reactive groups capable of participating in the polymerisation with a synthetic resin based on free-radical-hardening unsaturated reactive resins but do in any case have Si-bonded hydrolysable groups, and, physically separate therefrom, a hardener.

No. of Pages: 34 No. of Claims: 17

(21) Application No.469/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :18/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: BLOWBY GAS PROCESSING DEVICE OF INTERNAL COMBUSTION ENGINE

(51) International classification(31) Priority Document No	:F01M13/00 :2014- 039862	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1, Toyota-cho Toyota-shi, Aichi-ken,
(32) Priority Date		471-8571, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)FUJIKAWA Toshiki
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 blowby gas passage of a blowby gas processing device includes an inter-block passage provided in a cylinder block thereof and an in-head passage (39) provided in a cylinder head cover (13). The inter-block passage includes an oil separator for separating and removing oil from blowby gas. At a bottommost portion (43c) of a main passage (43) which is a portion located at a lowest position in a posture in which an internal combustion engine is mounted of the in-head passage (39), the flow velocity of blowby gas is increased by a throttle portion (56a) of a connecting passage (56) to an ejector (58). REFER TO FIGURE 2

No. of Pages: 21 No. of Claims: 6

(21) Application No.486/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :20/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: FUEL SUPPLY DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	B60K15/03 :JP 2014- 064189 :26/03/2014 :Japan :NA :NA :NA	(71)Name of Applicant: 1)Honda Motor Co., Ltd. Address of Applicant:1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 1078556, Japan Japan (72)Name of Inventor: 1)KOMURO, Katsunori 2)AKAMATSU, Shunji 3)KATO, Yuichi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To provide a fuel supply device that can simply detect clogging of a fuel filter at low cost without using an expensive pressure sensor or similar member. The present invention discloses a fuel supply device comprising a fuel pump 12, a fuel filter 11, a vent 22 that discharges an air bubble having entered the fuel pump 12, and a vapor exhaust pipe 14 with one end coupled to the vent 22. The vapor exhaust pipe 14 has another end arranged in a position where fuel at least temporarily becomes a gas phase in a fuel-quantity change process of a fuel tank. The fuel filter 11 has a hollow shape and has the inside in communication with a suction port 17 of the fuel pump 12. The fuel filter 11 is elastically deformable from a first form A1 as the initial state to a second form, which is shrunken more than the first form A1, in association with an increase in pressure drop, and is elastically restorable to the first form A1 in the second form by suctioning the gas phase from the vapor exhaust pipe 14 using the fuel pump 12. A form change of the fuel filter 11 causes pulsation of a fuel pressure. Fig. 2

No. of Pages: 23 No. of Claims: 4

(21) Application No.4248/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "PYRAZINES AS DELTA OPIOID RECEPTOR MODULATORS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D 401/14 :61/256,392 :30/10/2009 :U.S.A. :PCT/US2010/054469 :28/10/2010 :WO 2011/053696 :NA :NA :NA	(71)Name of Applicant: 1)JANSSEN PHARMACEUTICA NV Address of Applicant: TURNHOUTSEWEG 30, BEERSE, BELGIUM Belgium (72)Name of Inventor: 1)PETER J. CONNOLLY 2)SHU-CHEN LIN 3)MARK J. MACIELAG 4)YUE-MEI ZHANG
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(57) Abstract:

Disclosed are compounds, compositions and methods for treating various diseases, syndromes, conditions and disorders, including pain. Such compounds are represented by Formula I as follows: Formula I wherein R1, R2, R3, L, X, and Y are defined herein.

No. of Pages: 83 No. of Claims: 21

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "THIN MIRROR WITH TRUSS BACKING AND MOUNTING ARRANGEMENT THEREFOR"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/10/2010 :WO 2011/050329 :NA :NA	(71)Name of Applicant: 1)GOSSAMER SPACE FRAMES Address of Applicant:5622-B RESEARCH DRIVE, HUNTINGTON BEACH, CALIFORNIA 92649-1633, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)GLENN ALAN REYNOLDS
(62) Divisional to Application Number Filing Date	:NA :NA	
(57)		

(57) Abstract:

A thin- sheet panel assembly. In one embodiment, a substantially rigid thin-sheet panel assembly (50) having a non-rigid thin-sheet component includes the thin- sheet component (51) which has selected plan area and shape, a backer (60) having a plan shape and area substantially similar to the thin-sheet component, and plural riser elements (64) of selected height and configuration each extending from the backer to distal ends connected to a reverse surface of the thin-sheet component, the riser elements being configured and disposed in an array which causes the assembly to have substantial rigidity in a selected direction in the thin-sheet component, and the thin-sheet panel assembly further includes a bar (78) coupled to the backer and extending between at least one pair of adjacent riser elements of the plural riser elements.

No. of Pages: 23 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "HIGH STRENGTH HOT-ROLLED STEEL PLATE EXHIBITING EXCELLENT ACID PICKLING PROPERTY, CHEMICAL CONVERSION PROCESSABILITY, FATIGUE PROPERTY, STRETCH FLANGEABILITY, AND RESISTANCE TO SURFACE DETERIORATION DURING, AND HAVING ISOTROPIC STRENGTH AND DUCTILITY, AND METHOD FOR PRODUCING SAID HIGH STRENGTH HOT-ROLLED STEEL PLATE"

(51) International classification :C22C 38/00 (31) Priority Document No :2009-263268 (32) Priority Date :18/11/2009 (33) Name of priority country :Japan (86) International Application No :PCT/JP2010/070346 :16/11/2010 Filing Date :WO 2011/062151 (87) International Publication No (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant:

1)NIPPON STEEL & SUMITOMO METAL

(21) Application No.4250/DELNP/2012 A

CORPORATION

Address of Applicant :6-1, MARUNOUCHI 2-CHOME,

CHIYODA-KU, TOKYO 100-8071, JAPAN Japan

(72) Name of Inventor:

1)HIROYUKI TANAHASHI

2)SHINYA SAITOH

3)MASASHI FUKUDA

4)HIROYUKI OKADA

5)KUNIO HAYASHI

6)TOSHIMASA TOMOKIYO

7)NOBUHIRO FUJITA

(57) Abstract:

To provide a hot-rolled steel sheet that is superior in a chemical conversion processability, a fatigue property and a hole 5. expandability, and that has a tensile strength of 780 MPa or more. [Means for Solving the Problem] A hot-rolled steel sheet includes a maximum concentration of Al as an oxide detected by a glow discharge emission spectroscopic analysis in a range of 0.75 mass% or less in a region from a surface of the steel sheet to a thickness of 500 nm after being hot rolled and acid-piclded, and heating a slab at a heating 10 temperature in a range of T1 or less, subjecting the slab to rough rolling under conditions in which a rolling reduction ratio is in a range of 80% or more, setting the temperature of the rough rolling to be in a range of T2, a descaling!s performed, and subsequently a finish rolling is performed at a finish temperature is set to be in a range of 700 to 950ŰC, cooling is performed to a temperature in a range of 550 to 750ŰC at an average cooling 15 rate of 5 to 90ŰC/s, next cooling to a temperature in a range of 450 to 700ŰC at an average cooling rate of 15ŰC/s or less, and further cooling to a temperature in a range of 250°C or less-at-an average coolingrate-Of 3 06Cls--ormore toproduce a-not rolfed stee1sheef. Wherein, T1 = 1215 + 35x[Si] - 70x[Al] and T2 = 1070 + 35x[Si] - 70x[Al], here, [Si] and [Al] represent contents of Si and Al. 20 [Selected Drawing] None

No. of Pages: 62 No. of Claims: 5

(22) Date of filing of Application :23/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : STRAW FOR THE STORAGE OF A PREDETERMINED DOSE OF A LIQUID-BASED SUBSTANCE, IN PARTICULAR A BIOLOGICAL SUBSTANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61D19/02 :1451418 :21/02/2014 :France :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)IMV TECHNOLOGIES Address of Applicant: ZI no 1 Est, 61300 Saint Ouen Sur Iton, France France (72)Name of Inventor: 1)ERIC SCHMITT 2)JEAN-CHARLES GORGES
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(57) Abstract:

The straw comprises a tube (11) having a swelling plug (15) provided with a fibrous support agent and a swelling agent combined with the support agent and configured, at least close to a second end (18) of the swelling plug, after a liquid-based substance has come up against its second end, to be in a state of swelling constrained by said tube such that if a first part (26) of the swelling plug of length comprised between 2 mm and 3 mm starting from its second end has come out of the tube via a second end (14) of the tube, whereas a second part of the swelling plug remains in the tube, the first part of the swelling plug becomes decompacted and expands with the second end of the swelling plug which assumes a diameter (d) at least equal to one and a half times the inner diameter of the tube.

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

(21) Application No.4254/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "CONNECTED WALL STRUCTURE CONSISTING OF STEEL PIPE SHEET PILES AND STEEL SHEET PILE, AND METHOD OF CONSTRUCTING SAME"

:E02B 3/06 (51) International classification (31) Priority Document No :2010-084944 (32) Priority Date :01/04/2010 (33) Name of priority country :Japan (86) International Application No Filing Date :12/01/2011 (87) International Publication No :WO 2011/125347 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant :6-1, MARUNOUCHI 2-CHOME,

:PCT/JP2011/050312 CHIYODA-KU, TOKYO 100-8071, JAPAN Japan

(72)Name of Inventor:

1)OTSUSHI, KAZUTAKA 2)OKAMOTO, MASANOBU 3)TSUKUDA, KATSUO

(57) Abstract:

Provided are a connected wall structure consisting of steel pipe sheet piles and a steel sheet pile and a method of constructing the same, such that there is formed a connected structure wherein a certain degree of construction errors is made allowable, with the result that there is provided a rational connected structure which is excellent in constructability and allows for the reduction in construction cost. In order that steel pipe sheet piles 1 installed by being driven with a gap therebetween will be connected together by a steel sheet pile 2 for the purpose of forming a connected wall structure, there are provided on the sides of the steel pipe sheet piles 1, connecting members 3 having slits 3a continuously extending in the longitudinal direction. The ends of the steel pile 2 are fitted into the slits 3a from the longitudinal direction. Predetermined play u for absorbing construction errors between the steel pipe sheet piles 1 is provided in the connecting sections. Since spaces sufficient to absorb construction errors are provided in the connecting sections for the steel pipe sheet piles and the steel sheet pile, the ends of the steel sheet pile may be easily fitted and installed even if the steel pipe sheet piles, undergo elongation or shrinkage due to driving.

No. of Pages: 40 No. of Claims: 9

(21) Application No.4255/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "DEVICE FOR ADJUSTMENT OF A ROTOR BLADE, WIND ENERGY CONVERTER, AND METHOD FOR ADJUSTING A ROTOR BLADE"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11/11/2009 :WO 2011/057664 :NA :NA	(71)Name of Applicant: 1)AMSC AUSTRIA GMBH Address of Applicant:LAKESIDE B08 9020 KLAGENFURT AM WORTHERSEE AUSTRIA Austria (72)Name of Inventor: 1)WOLF, ANTON
Filing Date	:NA	

(57) Abstract:

Some general aspects of the invention provide a device (151, 152, 114) for adjustment of a pivotally mounted rotor blade (101) of a wind energy converter. The device comprises a first drive (151) and a second drive (152) that cooperate to turn the rotor blade (101) between an operating position and a feathered position. The device further comprises a first activatable lockout (191) connected to the rotor blade (101), which in an activated state prevents turning of the rotor blade (101) into the operating position, but allows turning of the rotor blade (101) into the feathered position. Under further aspects, the invention provides a wind energy converter comprising the device (151, 152, 114) and a method for adjusting a rotor blade (101), which is pivotally mounted on a rotor hub (103) of a wind energy converter.

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

(21) Application No.5296/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD AND DEVICE FOR ELECTROSTATICALLY SEPARATING OVERSPRAY WITH AN ABSORPTION AGENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B05B15/12 :10 2009 058 206.1 :15/12/2009 :Germany :PCT/EP2010/007120 :24/11/2010 :WO 2011/072796 :NA :NA	(71)Name of Applicant: 1)EISENMANN AG Address of Applicant: Tù/4binger Str. 81 71032 Böblingen Germany (72)Name of Inventor: 1)LINK Kersten 2)SWOBODA Werner 3)HIHN Erwin 4)HANF Jù/4rgen
• •		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a method for separating overspray from the cabin exhaust air of coating Systems, in particular of painting Systems, which is la den with overspray, the overspray is taken up by an air flow and conveyed to an electrostatically operating separating device (42; 1042; 2042). There, the bulk at least of the solids is separated from the overspray at at least one separating surface (46; 48; 1046, 1048; 2046, 2048; 3046, 3048; 5046, 5048). An electrically conductive material or material mixture is used as a separating agent, which is applied to the at least one separating surface (46; 48; 1046, 1048; 2046, 2048; 3046, 3046; 5046, 5048) of the separating device (42; 1042; 2042) and at the operating temperature of the separating device (42; 1042; 2042) has a wax-like consistency. The invention further relates to a separating device (42; 1042; 2042) with such a wax-like material and an System for coating articles.

No. of Pages: 67 No. of Claims: 33

(21) Application No.5297/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : PPAR-SPARING THIAZOLIDINEDIONES AND COMBINATIONS FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:15/12/2010 :WO 20101/075514 :NA :NA :NA	(71)Name of Applicant: 1)METABOLIC SOLUTIONS DEVELOPMENT COMPANY LLC Address of Applicant:161 EAST MICHIGAN AVENUE, 4TH FLOOR KALAMAZOO, MI 49007, USA U.S.A. (72)Name of Inventor: 1)GERARD R. COLCA 2)ROLF F. KLETZIEN 3)STEVEN P. TANIS 4)SCOTT D. LARSEN
Filing Date	:NA	

(57) Abstract:

The present invention relates to thiazolidinedione analogues and pharmaceutical compositions that are useful for treating and/or preventing neurodegenerative disorders.

No. of Pages: 157 No. of Claims: 120

(22) Date of filing of Application :28/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : THREE DIMENSIONAL (3D) PRINTING OF EPOXY, HARDENER, AND PARTS OF AN OBJECT TO BE ASSEMBLED LATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:14/136,563 :20/12/2013	,
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(57) Abstract:

A three dimensional (3D) printer and method for dispensing a material to form a 3D substructure and for dispensing an adhesive onto the 3D substructure. The adhesive printed onto the 3D substructure may be used to attach the 3D substructure to another substructure such as a conventionally formed substructure or another 3D printed substructure. Printing the adhesive using the 3D printer during the same 3D manufacturing process used to print the 3D substructure may improve precision of the location at which the adhesive is dispensed, thereby improving the quality of superstructure created by joining the substructures. An embodiment of the present teachings may decrease the overall time and cost to attach substructures.

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

(21) Application No.3648/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :11/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: IGNITER LANCE AND METHOD FOR OPERATING A BURNER HAVING SAID IGNITER LANCE

(51) International classification		(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD
(31) Priority Document No	:14154855.2 :12/02/2014	Address of Applicant :BROWN BOVERI STRASSE 7, 5400
(32) Priority Date		BADEN, SWITZERLAND Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)RISTIC, DRAGISA
Filing Date	:NA	2)HILBER, THOMAS
(87) International Publication No	: NA	3)MOENCKERT, PATRICK
(61) Patent of Addition to Application Number	:NA	4)KLUGER. FRANK, MICHAEL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The igniter lance (1) comprises a lance fuel duct (2) for pulverised fuel and an electric igniter (3) for ignition of the pulverized fuel passing through the lance fuel duct (2).

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

(22) Date of filing of Application :11/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SEQUENTIAL COMBUSTION ARRANGEMENT WITH DILUTION GAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:14150737.6 :10/01/2014	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant:BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND Switzerland (72)Name of Inventor: 1)DUESING, MICHAEL 2)FREITAG, EWALD
(61) Patent of Addition to Application Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention refers to a sequential combustor arrangement (4) comprising a first combustor (I) with a first burner (106) for admitting a first fuel (28) into a combustor inlet gas during operation and a first combustion chamber (101) for burning the first fuel (28), a dilution gas admixer (II) for admixing a dilution gas (33) to the first combustor combustion products (35) leaving the first combustion chamber (101), a.second burner (103) for admixing a second fuel (29) and a second combustion chamber (102). To assure good mixing over a wide operating range the ratio of the pressure loss of the first combustor (I) to. the pressure loss of the dilution gas admixer (II) isin the range of 1 to 6. The disclosure further refers to a gas turbine (1) comprising such a sequential combustor arrangement (4) as well as method for operating a gas turbine (1) with such a sequential combustor arrangement (4).

No. of Pages: 23 No. of Claims: 14

(21) Application No.4245/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "ARYL SUBSTITUTED ARYLINDENOPYRIMIDINES AND THEIR USE AS HIGHLY SELECTIVE ADENOSINE A2A RECEPTOR ANTAGONISTS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D 239/70 :61/255,930 :29/10/2009 :U.S.A. :PCT/US2010/053582 :21/10/2010 :WO 2011/053509 :NA :NA	(71)Name of Applicant: 1)JANSSEN PHARMACEUTICA N.V. Address of Applicant: TURNHOUTSEWEG 30, B-2340 BEERSE, BELGIUM Belgium (72)Name of Inventor: 1)PAUL F. JACKSON 2)MARK POWELL 3)BRIAN CHRISTOPHER SHOOK 4)AIHUA WANG
(61) Patent of Addition to Application	:NA	3)BRIAN CHRISTOPHER SHOOK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This invention relates to a novel arylindenopyrimidine, A, and its therapeutic and prophylactic uses. Disorders treated and/or prevented include Parkinson's Disease wherein X, R2, R3, and R4 are as defined in the specification.

No. of Pages: 51 No. of Claims: 16

(21) Application No.4246/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "HETEROARYL SUBSTITUTED ARYLINDENOPYRIMIDINES AND THEIR USE AS HIGHLY SELECTIVE ADENOSINE A2A RECEPTOR ANTAGONISTS"

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International Classification (52) Priority Date (52) Priority Date (53) Name of priority country (54) U.S.A. (55) PCT/US2010/05359 (51) PCT/US2010/05359 (51) PCT/US2010/05359 (52) PCT/US2010/05359 (53) PCT/US2010/05359 (54) PCT/US2010/05359 (54) PCT/US2010/05359 (55) PCT/US2010/05359 (56) PCT/US2010/05359 (57) PCT/US2010/05359 ((71)Name of Applicant: 1)JANSSEN PHARMACEUTICA NV Address of Applicant: TURNHOUTSEWEG 30, B-2340 BEERSE, BELGIUM Belgium (72)Name of Inventor: 1)PAUL F. JACKSON 2)MARK POWELL 3)BRIAN CHRISTOPHER SHOOK 4)AIHUA WANG
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(57) Abstract:

This invention relates to a novel arylindenopyrimidine, A, and its therapeutic and prophylactic uses. Disorders treated and/or prevented include Parkinson's Disease. wherein X, R2, R3, and R4 are as defined in the specification.

No. of Pages: 44 No. of Claims: 16

(21) Application No.53/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: WELDING METHOD AND WELD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23K9/18 :2012151710 :05/07/2012 :Japan :PCT/JP2013/068551 :05/07/2013 :WO 2014/007382 :NA :NA :NA	(71)Name of Applicant: 1)ASAHI KASEI CHEMICALS CORPORATION Address of Applicant:1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan (72)Name of Inventor: 1)SAITO Taiga
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(57) Abstract:

A welding method for welding a first resin layer and a second resin layer wherein the first resin layer is welded to the second resin layer by inserting a metal layer in which openings have been formed between the first resin layer and the second resin layer irradiating a laser on the first resin layer and/or the second resin layer and causing the melted resin to penetrate the metal layer.

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

(21) Application No.4052/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :31/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CYLINDER HEAD GASKET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2014- 044146	(71)Name of Applicant: 1)NIPPON GASKET CO., LTD. Address of Applicant:5-14, Midorigaoka, Toyota-shi, Aichi 471-0838, Japan Japan 2)TOYOTA JIDOSHA KABUSHIKI KAISHA (72)Name of Inventor: 1)TOSHIYUKI TANAKA 2)MASANORI KUSANO 3)MIRAI TANAKA
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(57) Abstract:

The cylinder head gasket 1 is provided with first and second gasket substrates 2 and 3, an intermediate plate 4 provided between the first and second gasket substrates, and a grommet 5a having a substantially Ushaped section, covering opening edges of the combustion chamber holes of the first and second gasket substrates and the intermediate plate, and having an edge portion thereof located on an outer periphery side with respect to the combustion chamber hole. A first coating C1 for sealing a gap from the intermediate plate is provided on back surface sides of the first and second gasket substrates which are sides of the intermediate plate, respectively, and an inner peripheral edge in the first coating is provided on an inner periphery side of an edge portion 5c of the grommet. A combustion gas flowing in beyond the edge portion of the grommet can be prevented.

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

(21) Application No.449/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :17/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : TWISTING NOZZLE, YARN JOINING NOZZLE STRUCTURE, YARN JOINING DEVICE, WINDING UNIT, AND TEXTILE MACHINE

(51) International classification	·R65H69/06	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)Murata Machinery, Ltd.
(32) Priority Date	055042 :18/03/2014	Address of Applicant :3 Minami Ochiai-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SAWADA Akira
Filing Date (87) International Publication No	:NA : NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A yarn joining nozzle structure includes a twisting nozzle provided with a yarn joining chamber where a yarn joining operation is carried out by an action of a compressed air, and a twisting nozzle supporting body provided with an accommodation section adapted to accommodate the twisting nozzle. The yarn joining nozzle structure includes an air flow path provided to communicate the twisting nozzle supporting body with the twisting nozzle, and adapted to supply the compressed air from the twisting nozzle supporting body to the yarn joining chamber of the twisting nozzle. The twisting nozzle is attached to the twisting nozzle supporting body by way of an O-ring that surrounds the air flow path. REFER TO FIGURE 9

No. of Pages: 41 No. of Claims: 17

(21) Application No.54/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: OLIGONUCLEOTIDE FOR THE TREATMENT OF MUSCULAR DYSTROPHY PATIENTS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number (31) Priority Document No (212174781.0 (20)3/07/2012 (20)3/07/2012 (20)3/07/2013 (20)3	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:EPO :PCT/NL2013/050487 :03/07/2013 :WO 2014/007620 :NA :NA	Netherlands (72)Name of Inventor:
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(57) Abstract:

The invention relates to an oligonucleotide and to a pharmaceutical composition comprising said oligonucleotide. This oligonucleotide is able to bind to a region of a first exon from a dystrophin pre mRNA and to a region of a second exon within the same pre mRNA wherein said region of said second exon has at least 50% identity with said region of said first exon wherein said oligonucleotide is suitable for the skipping of said first and second exons of said pre mRNA and preferably the entire stretch of exons in between.

No. of Pages: 252 No. of Claims: 16

(21) Application No.540/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :25/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: LIGHT DEVICE FOR VEHICLE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No Filing Date (37) International Publication No (38) International Publication No (39) International Publication No (30) Patent of Addition to Application Number Filing Date (30) Priority Date (31) Priority Document No (32) International Application No (33) Name of priority country (34) International Application No (35) International Publication No (36) Patent of Addition to Application Number Filing Date (37) Priority Document No (38) International Application No (39) International Application Number (30) International Application Number (30) International Application Number (31) International Application Number (31) International Application No (31) International Classification No (32) International Application No (31) International Classification No (31) International Application No (32) International Application No (33) Name of priority country (34) International Application No (35) International Application No (36) International Publication No (37) International Publication No (38) International Application No (39) International Application No (30) International Application No (31) International Application No (30) International Application No (31) International Application No (32) International Application No (38) International Application No (39) International Application No (30) International Application No (30) International Application No (31) International Application No (32) International Application No (33) International Application No (34) International Application No (35) International Application No (37) International Application No (38) International Application No (39) International Application No (39) International Application No (39) International Application No (30) International Application No (30) International Application No (30) International Application No (30) International Application N	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD., Address of Applicant:1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan (72)Name of Inventor: 1)KYOSUKE KITAYAMA
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(57) Abstract:

The light device for a vehicle includes first light sources 8 oriented to an irradiation direction of the light device 1, second light sources 11 oriented to the opposite direction of the irradiation direction A, a first base plate 4 that mounts the first light sources 8 and a second base plate 5 that mounts the second light sources 11, and a lens 3 that allows irradiation light 8a, ila of the first light sources 8 and the second light sources 11 to permeate therethrough. The base plates 4, 5 are disposed perpendicularly to the irradiation direction A of the light device 1. A reflector 7 that reflects the irradiation light lla of the second light sources 11 to the irradiation direction A and an extension section 4a that surrounds the first light sources 8 and stands so as to be oriented to the irradiation direction A are provided. The extension section 4a is extended to a position adjacent to the rear surface of the lens 3. The extension section 4a is arranged in the first base plate 4 that mounts the first light sources 8. [Selected Drawing1 Fig. 5]

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

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHODS AND DEVICES FOR CUTTING TISSUE"

(51) International classification	:A61B 17/3207	(71)Name of Applicant :
(31) Priority Document No	:61/265,863	1)TYCO HEALTHCARE GROUP LP
(32) Priority Date	:02/12/2009	Address of Applicant :I.P. LEGAL DEPARTMENT, 15
(33) Name of priority country	:U.S.A.	HAMPSHIRE STREET, MANSFIELD, MA 02048, UNITED
(86) International Application No	:PCT/US2010/058654	STATES OF AMERICA U.S.A.
Filing Date	:02/12/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/068932	1)ZHANG, ZHIYONG
(61) Patent of Addition to Application	:NA	2)RANGWALA, HUSSAIN
Number	:NA	3)VANPELT, ROBERT
Filing Date	.11/11	4)GUGGENHEIMER, ETHAN
(62) Divisional to Application Number	:NA	5)WHEALON, WILLIAM
Filing Date	:NA	6)MOBERG, JOHN

(57) Abstract:

A catheter which includes a cutting element having one or more raised elements is provided. The cutting element has a cup-shaped surface at the distal end that may be smooth and continuous except for the raised elements. The raised elements have a surface that tends to direct cut particles of material towards one or more of the axis of rotation of the cutting element, the catheter axis, or a particle collection chamber. In further aspects of the invention, a cutting element oscillates in a direction roughly parallel to the axis of rotation of the cutting element.

No. of Pages: 44 No. of Claims: 47

(22) Date of filing of Application: 15/05/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: "PASSIVE MIXER WITH REDUCED SECOND ORDER INTERMODULATION"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H03D 1/04 :NA :NA :NA :PCT/EP2009/007609 :23/10/2009 :WO 2011/047703 :NA :NA	(71)Name of Applicant: 1)ST-ERICSSON AB Address of Applicant:NYA VATTENTORNET, S-221 83 LUND, SWEDEN Sweden 2)ST-ERICSSON SA (72)Name of Inventor: 1)MATTISSON, SVEN 2)ANDREANI, PIETRO 3)MASTANTUONO, DANIELE
(62) Divisional to Application Number Filing Date	:NA :NA	
(55) 11		•

(57) Abstract:

The present disclosure generally relates to the field of receiver structures in radio communication systems and more specifically to passive mixers in the receiver structure and to a technique for converting a first signal having a first frequency into a second signal having a third signal having a third frequency. A passive mixer for converting a first signal having a first frequency into a second signal having a second frequency by using a third signal having a third frequency comprises a cancellation component 220 for generating a first cancellation signal for cancelling second order intermodulation components by superimposing the first signal weighted by a cancellation value on the third signal; and a mixing component 231 having a first terminal 232 for receiving the first signal, a second terminal 234 for outputting the second signal, and a third terminal 236 for receiving the first cancellation signal, wherein the mixing component 231 is adapted to provide the second signal as output at the second terminal 234 by mixing the first signal provided as input at the first terminal 232 and the first cancellation signal provided as input at the third terminal 236.

No. of Pages: 45 No. of Claims: 33

(22) Date of filing of Application :20/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: COOLING SYSTEM OF INTERNAL COMBUSTION ENGINE

(51) International classification	:F01P5/02	(71)Name of Applicant:
	:JP 2014-	1)Honda Motor Co., Ltd.
(31) Priority Document No	063292	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:26/03/2014	ku, Tokyo 1078556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KOBAYASHI, Tomokazu
Filing Date	:NA	2)NAKANO, Yasuhiko
(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 make the improvement of rectification effect in taking cooling wind and the smooth turn of vanes that open/close a cooling wind intake compatible. The present invention provides a cooling system of internal combustion engine where a cooling wind intake 63 of a fan cover 61 is formed in a circular opening and a cylindrical part 61C connected to the downstream side of the cooling wind intake 63 is provided. Further, the cooling wind intake 63 is opened/closed by a first vane 101 provided to a first rotating shaft 111 that passes the circular center C1 of the cooling wind intake 63, a second vane 102 provided to a second rotating shaft 112 parallel to the first rotating shaft 111 and set on one side off the circular center C1 and a third vane 103 provided to a third rotating shaft 113 parallel to the first rotating shaft 111 and set on the other side off the circular center C1, the second vane 102 is formed only on the opposite side to the side on which the first vane 101 is arranged on the basis of the second rotating shaft 112, and the third vane 103 is formed only on the opposite side to the side on which the first vane 101 is arranged on the basis of the third rotating shaft 113. Fig. 4

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

(22) Date of filing of Application :25/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: CATALYST-EQUIPPED EXHAUST PIPE FOR SADDLE-RIDE TYPE VEHICLE

(51) International classification	:B01J23/58 :2014-	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD.
(31) Priority Document No	050279	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:13/03/2014	ku, Tokyo 107-8556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MASASHI NAKAMURA
Filing Date	:NA	2)YUJI KURASAWA
(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 upstream exhaust pipe (50U) of an exhaust pipe (50) is formed by an upstream pipe part (51) and a downstream pipe part (52) as separate bodies joined to each other by a catalyst outer tube (53) surrounding a catalyst (54), and the upstream pipe part (51) extends from a portion (51a) connected to an exhaust port (27) and reaches a portion (51c) connected to the catalyst outer tube (53), through a radially expanded portion (51aa) which is formed near the portion (51a) connected to the exhaust port (27) and through which the upstream pipe part (51) becomes substantially as large as the catalyst outer tube (53) in outer diameter. [Selected Drawing] Fig. 5

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

(21) Application No.4278/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHODS FOR PRODUCTION OF ARGININE BICARBONATE AT LOW PRESSURE"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C 277/00 :61/287,843 :18/12/2009 :U.S.A. :PCT/US2010/060266 :14/12/2010 :WO 2011/075472 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant: 300 PARK AVENUE, NEW YORK, NEW YORK 10022, U.S.A. U.S.A. (72)Name of Inventor: 1)GARCIA JOAQUIN BAUTISTA 2)CABANAS ROBIN SCHWIER 3)JOSIAS WILBENS 4)WU DONGHUI
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(57) Abstract:

A method of producing arginine bicarbonate is provided including reacting an arginine slurry with a source of carbon dioxide gas under elevated temperature and low pressure to form a solution of at least 50% arginine bicarbonate, and recovering arginine bicarbonate from the solution.

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

(21) Application No.4279/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "SELF-LOCKING SCREWING ATTACHMENT DEVICE AND ASSEMBLY PROVIDED WITH SAME"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F16B 39/22 :0957838 :05/11/2009 :France :PCT/FR2010/052358 :03/11/2010 :WO 2011/055077	(71)Name of Applicant: 1)JPB SYSTEME Address of Applicant:ZAC DU TUBOEUF, 4 ALLEE DES PLEUS, F-77170 BRIE-COMTE-ROBERT, FRANCE France (72)Name of Inventor: 1)MARC DAMIEN
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The invention relates to a valve (24) comprising: a body (40) defining a cavity and provided with a first opening (60) that makes it possible to feed water into the cavity, a second opening that makes it possible to discharge water from the cavity, and a third opening that makes it possible to connect the cavity (41) with a chamber; a stopper (49) that is rotatable inside the cavity, the stopper comprising a depression (77) on the outer surface (90) thereof that contributes to the definition of a passage enabling the flow of water between the first and third openings in first angular positions of the stopper and moreover enabling the flow of water between the second and third openings in second angular positions of the stopper; a sealing device that makes it possible to ensure a sealed stopping of the first opening (60) by means of the stopper in said second angular positions of the stopper; and a second sealing device that makes it possible to ensure a sealed stopping of the second opening by means of the stopper in said first angular positions of the stopper.

No. of Pages: 24 No. of Claims: 17

(21) Application No.5327/DELNP/2012 A

(19) INDIA

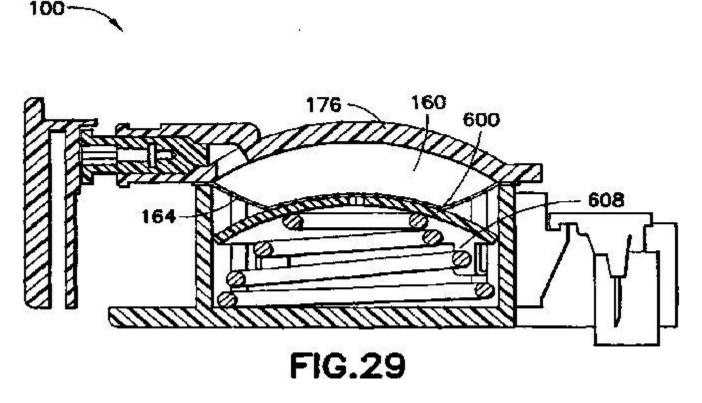
(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SELF-INJECTION DEVICE"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:16/12/2009 :WO 2011/075100	(71)Name of Applicant: 1)BECTON, DICKINSON AND COMPANY Address of Applicant: 1 BECTON DRIVE FRANKLIN LAKES, NJ 07417 UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)VEDRINE, LIONEL 2)SONDEREGGER, RALPH 3)BINGHAM, CURT
	:WO 2011/075100 :NA :NA :NA :NA	

(57) Abstract:

A device (100) for delivering a medicament into a patient"s body by injection into or through the patient"s skin, including a main body having a top enclosure (116) and a bottom enclosure (104), a reservoir (160) disposed within the main body for containing the medicament, and an injection needle (152) for penetrating the skin of the patient, the needle (152) having a lumen and selectively communicating with the reservoir (160). The device also includes a pressurizing system (600, 140) for selectively pressurizing the reservoir (160). In a pre-activated position, the pressurizing system (600, 140) contacts and compresses the reservoir (160) to reduce the initial volume of the reservoir (160), thereby allowing for partial filling of the reservoir (160).



No. of Pages: 77 No. of Claims: 35

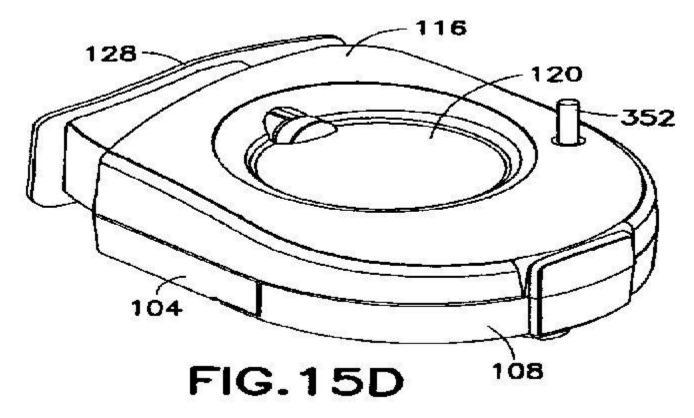
(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SELF-INJECTION DEVICE"

(51) International classification	:A61M 5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BECTON, DICKINSON AND COMPANY
(32) Priority Date	:NA	Address of Applicant :1 BECTON DRIVE, FRANKLIN
(33) Name of priority country	:NA	LAKES, NJ 07417 UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/US2009/006570	(72)Name of Inventor:
Filing Date	:16/12/2009	1)SONDEREGGER, RALPH
(87) International Publication No	:WO 2011/075099	2)ALEXANDER, JASON
(61) Patent of Addition to Application	:NA	3)CHRISTENSEN, COREY
Number	:NA	4)GEORGE, RYAN
Filing Date	.IVA	5)INGLEBY, J'LYNN
(62) Divisional to Application Number	:NA	6)CHASE, PATTY
Filing Date	:NA	7)BINGHAM, CURT

(57) Abstract:

A device (100) for delivering a medicament into a patient"s body by injection into or through the patient"s skin includes a body (104, 116) having a reservoir (160) disposed therein for containing the medicament, an injection needle (152) for penetrating the skin of the patient, the needle (152) having a lumen and communicating with the reservoir (160), and a pressurizing system for pressurizing the reservoir (160). The device also includes indicator means (124) visible outside the device (100) for indicating that delivery of the medicament is substantially complete.



No. of Pages: 65 No. of Claims: 31

(22) Date of filing of Application :26/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : COOLING CIRCUIT FOR A MOTOR VEHICLE AND USE OF AN ELECTRICALLY NON-CONDUCTIVE COOLING FLUID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H05B3/14 :102014103909.2 :21/03/2014 :Germany :NA :NA : NA	(71)Name of Applicant: 1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT Address of Applicant: Porscheplatz 1, 70435 Stuttgart, Germany Germany (72)Name of Inventor: 1)MICHAEL FUERSTNER
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A cooling circuit for a motor vehicle, comprising an engine cooling portion (16) for cooling a motor vehicle engine, a battery cooling portion (14) for cooling a motor vehicle battery, and a cooling fluid flowing through both the engine cooling portion (16) and the battery cooling portion (14), wherein the cooling fluid is electrically non-conductive and is in direct contact with electrical contact surfaces of the motor vehicle battery. By means of the use of the cooling fluid both for cooling the motor vehicle engine and for the direct cooling of electrical contacts of the motor vehicle battery in a common cooling circuit (10), the cooling requirement of a motor vehicle can readily be covered with little outlay on apparatus.

No. of Pages: 8 No. of Claims: 7

(21) Application No.3709/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :15/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: TRANSMISSION

(51) International classification :B60W30 (31) Priority Document No :2013- 263916 (32) Priority Date :20/12/20 (33) Name of priority country :Japan (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300, Takatsuka-Cho, Minami-Ku, Hamamatsu-Shi, Shizuoka-Ken 432-8611, Japan Japan (72)Name of Inventor: 1)TAKAHASHI Hideaki
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(57) Abstract:

A transmission for transmitting a motive power of an engine includes a counter shaft that receives a motive power from a crank shaft of an engine, a drive shaft that is connected to the crank shaft and configured to output the motive power, a multi-stage gear train that has a plurality of unit gear trains each having a drive gear provided on the counter shaft and a driven gear provided on the drive shaft and always engaged with the drive gear, a plurality of jaw clutches each of which is movably provided between adjacent ones of the unit gear trains to connect motive power transmission from the counter shaft to the drive shaft by either one of the unit gear trains or disconnect transmission of the motive power by both the unit gear trains, a plurality of shift forks each of which is coupled to a corresponding one of the plurality of jaw clutches, and a shift cam that rnoves the plurality of jaw clutches via the plurality of shift forks to select one unit gear train in the multi-stage gear train that is to be used to transmit the motive power from the counter shaft to the drive shaft. The unit gear trains in the multi-stage gear train have higher gear ratios of the unit gear trains are on a side closer to a center in a direction of rotation center lines of the counter shaft and the drive shaft.

No. of Pages: 33 No. of Claims: 3

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: DATA ACQUISITION SYSTEM FOR CONDITION-BASED MAINTENANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:16/11/2010 :WO 2011/060424 :NA :NA	(71)Name of Applicant: 1)NRG SYSTEMSÂ INC. Address of Applicant:110 Riggs Road Hinesburg VT 05461Â U.S.A. (72)Name of Inventor: 1)ERIC R. BECHHOEFER 2)JOHN T. TAYLOR
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A wind farm comprising: a plurality of wind turbine data acquisition systems, each data acquisition system comprising: a plurality of sensors, each sensor configured to detect a parameter associated with a condition of a respective component of a wind turbine and to provide sensor data based at least in part on the parameter; - a plurality of modules, each module coupled to at least one sensor and configured to receive the sensor data from the at least one sensor and to generate module output data based at least in part on the received sensor data; a local data concentrator, the local data concentrator configured to transmit commands to one or more of the modules, to receive module output data from one or more of the modules and to provide the received module output data to a server; and a serial bus configured to couple the plurality of modules and the local data concentrator, i wherein at least one data acquisition system is mounted on each wind turbine in the wind farm and the server is configured to provide an estimate of a remaining useful life of a selected component of a selected wind turbine to a user based at least in part on a representation of the condition of the selected component of the selected wind turbine.

No. of Pages: 94 No. of Claims: 25

(21) Application No.564/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :26/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: CALCULUS REMOVING/RETRIEVING DEVICE

Filing Date :NA (62) Divisional to Application Number :NA	\mathcal{E}	:14/222,021 :21/03/2014 :U.S.A. :NA :NA : NA : NA :NA	· ·
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(57) Abstract:

A calculus retrieving device for retrieving calculus in a renal pelvis includes an elongated member positionable in and movable along a ureter, and having a lumen opening at the distal end of the elongated member. A tubular member is movably positioned inside the elongated member and includes a lumen which opens to a discharge nozzle at a distal end of the tubular member. A space exists between the elongated member and the tubular member to receive a first fluid, and an expandable renal cover part fixed to the elongated member is positionable in the renal pelvis. The renal cover part interior communicates with the space so that the first fluid flows into the renal cover part to expand the renal cover part into covering relation to one part of the renal pelvis while another part of the renal pelvis containing the calculus is not covered by the renal cover part.

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

(21) Application No.4292/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "MINERAL FORTIFICATION SUBSTANCE FOR CLEAR BEVERAGES"

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	12/611,022 02/11/2009 U.S.A. PCT/US2010/53983 25/10/2010 NA NA NA	(71)Name of Applicant: 1)INNOPHOS, INC. Address of Applicant:259 PROSPECT PLAINS ROAD, CRANBURY, NJ 08512, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)JOHN GODBER 2)AMR SHAHEED 3)LIWIS HENDRICKS
* * *	NA	

(57) Abstract:

The present invention relates to compositions comprising minerals which are soluble in water and juice. The compositions of the present invention dissolve in a beverage without any cloudiness or sedimentation. Methods of making said compositions are also provided. Said compositions are also suitable for tableting.

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

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AUTHENTICATION APPARATUS FOR MOVING VALUE DOCUMENTS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/11/2010 :WO 2011/063317 :NA :NA :NA	(71)Name of Applicant: 1)HONEYWELL INTERNATIONAL INC. Address of Applicant:101 COLUMBIA ROAD MORRISTOWN, NEW JERSEY 07962, U.S.A. U.S.A. (72)Name of Inventor: 1)WILLIAM ROSS RAPOPORT 2)JAMES KANE 3)CARSTEN LAU
Filing Date	:NA	

(57) Abstract:

An authentication apparatus used to authenticate a moving value document with uniform or non-uniform distribution of a pre-selected covert composition that includes an active ion that emits optical radiation at a pre-selected wavelength when excited by exciting incident light. The optical radiation is imaged onto at least one photodetector having first and second detector elements. The imaged intensities are captured at pre-determined times relating to the velocity of the value document. The ratio between the second detector element and the first detector element measured at the same image location or different image locations represents the characteristic decay time intensity data of the pre-selected wavelength emission. The authenticity of the value document is rejected when the pre-selected wavelength emission is not received by the at least one photodetector or when the output electronic signal ratio does not meet expected value.

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

(21) Application No.507/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :23/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: VEHICLE LAMP

	T-1001110	
(51) International classification	:B60Q1/10	(71)Name of Applicant :
(31) Priority Document No	:2014- 034360	1)KOITO MANUFACTURING CO., LTD. Address of Applicant :8-3, Takanawa 4-chome, Minato-ku,
(32) Priority Date	:25/02/2014	Tokyo, 108-8711 JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Tatsuma KITAZAWA
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 vehicle lamp includes an element installation portion including a mounting face, a light emitting element which is mounted on the mounting face and which includes a rectangular shaped light emitting face extending parallel to the mounting face, and a reflector configured to reflect light of the light emitting element. The mounting face is tilted such that each lamp left-right direction end is at a different height position. The light emitting element is mounted on the mounting face such that, with respect to a reference position where two sides of the light emitting face are parallel to a lamp front-rear axis and the other two sides of the light emitting face are perpendicular to a lamp front-rear axis, the light emitting face is positioned at a position rotated about a reference axis which is orthogonal to the light emitting face when the light emitting face is in the reference position.

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

(22) Date of filing of Application :24/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : SYSTEM AND METHOD HAVING BIOMETRIC IDENTIFICATION INTRUSION AND ACCESS CONTROL

(51) International classification	:G07C9/00	(71)Name of Applicant :
(31) Priority Document No	:61/946,283	1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:28/02/2014	Address of Applicant :101 Columbia Road, POB 2245,
(33) Name of priority country	:U.S.A.	Morristown, New Jersey, 07962-2245, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)STEVEN J HOWE
(87) International Publication No	: NA	2)KWONG WING AU
(61) Patent of Addition to Application Number	:NA	3)SHARATH VENKATESHA
Filing Date	:NA	4)RYAN ANDREW LLOYD
(62) Divisional to Application Number	:NA	5)KENNETH L ADDY
Filing Date	:NA	

(57) Abstract:

An apparatus and method having biometric identification intrusion and access control. The apparatus features a monitoring system, visual input device and an audible input device. The visual and audible input devices are coupled to control circuits of the monitoring system which can implement an authentication process responsive to both visual and audile inputs.

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

(22) Date of filing of Application :26/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: CALCULUS REMOVING/RETRIEVING DEVICE

(57) Abstract:

A calculus removing device includes an elongated member and a retrieval part fixed to the elongated member. A discharge force is produced in a lumen in the elongated member to discharge fluid in the lumen into the renal pelvis, and a suction force is produced in the lumen to draw fluid into the lumen from the renal pelvis. An outlet communicates with the lumen, and fluid in the lumen is discharged into the renal pelvis through the outlet in the presence of the discharge force. An inlet communicates with the lumen, and fluid in the renal pelvis is drawn into the lumen through the inlet in the presence of the suction force. The retrieval part includes an interior that communicates with the lumen and the renal pelvis, and the interior is configured to receive the calculus in the renal pelvis in the presence of the suction force.

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

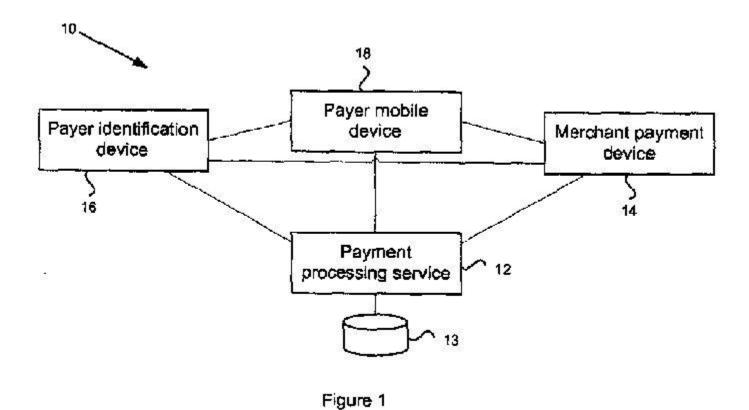
(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SYSTEM AND METHOD FOR APPROVING TRANSACTIONS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:05/11/2010 :WO 2011/068624	(71)Name of Applicant: 1)OSOCAD REMOTE LIMITED LIABILITY COMPANY Address of Applicant: ATTEN DEPT 281, 2711 CENTERVILLE ROAD, SUITE 400, WILMINGTON, DELAWARE 19808, U.S.A. U.S.A. (72)Name of Inventor: 1)PETERSON, ROBERT W.
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)2 22 23 30 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3

(57) Abstract:

In a transaction between a merchant and a payer, approval of the transaction may be provided by a payment processing system using authentication information provided from a mobile device of the payer. The authentication information may include a location of the payer mobile device which may be compared to a location of a merchant payment device such that the transaction is approved if the payer mobile device is within a defined distance of the merchant payment device.



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

(21) Application No.4266/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "SYSTEM AND METHOD FOR MIGRATING AGENTS BETWEEN MOBILE DEVICES"

(51) International classification(31) Priority Document No(32) Priority Date	:H04L 29/08 :12/629,926 :03/12/2009	(71)Name of Applicant: 1)OSOCAD REMOTE LIMITED LIABILITY COMPANY Address of Applicant: ATTEN DEPT 281, 2711
(33) Name of priority country(86) International Application No	:U.S.A. :PCT/US2010/055651	CENTERVILLE ROAD, SUITE 400, WILMINGTON, DELAWARE 19808, U.S.A. U.S.A.
Filing Date (87) International Publication No	:05/11/2010 :WO 2011/068626	(72)Name of Inventor: 1)PETERSON, ROBERT, W.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)GERARD, MARK
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Mobile agents can be deployed to location aware mobile devices within specific regions of interest to achieve specific goals in respect of events occurring in the region of interest. In order to ensure that the agent can persist within the region of interest until the agent goals are achieved, the agent is configured to locate other devices within the region of interest and to propagate itself, by moving or copying itself, to those other devices. When a device hosting the agent exits the region of interest, the agent is terminated, thereby freeing device resources.

No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHOD, APPARATUS AND COMPUTER PROGRAM TO PERFORM LOCATION SPECIFIC INFORMATION RETRIEVAL USING A GESTURE-CONTROLLED HANDHELD MOBILE DEVICE"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M 1/725 :12/629,927 :03/12/2009 :U.S.A. :PCT/US2010/055585 :05/11/2010 :WO 2011/068622 :NA :NA :NA	(71)Name of Applicant: 1)OSOCAD REMOTE LIMITED LIABILITY COMPANY Address of Applicant: ATTEN DEPT, 281, 2711 CENTERVILLE ROAD, SUITE 400, WILMINGTON, DELAWARE 19808, U.S.A. U.S.A. (72)Name of Inventor: 1)PATOSKIE, JOHN 2)GERARD, MARK 3)WHEELER, THOMAS
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(57) Abstract:

A method and apparatus (10) are disclosed that calculate (14) an area-of - interest based on a user request (12) for location specific data. The operations may include transmitting (13) initial location data of the mobile terminal (11) and user initiated gesture data to a server. The server may then perform initiating (12) a request to receive the requested location data, and calculating (14) a geographical area-of - interest based on the initial location data and the user initiated gesture data. The location specific data related to the area-of - interest may then be retrieved (15) and transmitted (16) to the mobile terminal (11). The area-of - interest may be defined based on the initial position of the mobile terminal (11) and information provided by a gesture made by the user of the mobile terminal (11).

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

(12)TATENT ATTLICATION TOBLICATION

(21) Application No.4268/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "NOVEL COMPOUNDS"

(51) International classification	:A61K 8/86	(71)Name of Applicant :
(31) Priority Document No	:09178501.4	1)DSM IP ASSETS B.V.
(32) Priority Date	:09/12/2009	Address of Applicant :HET OVERLOON 1, NL-6411 TE
(22) Name of priority country	:EUROPEAN	HEERLEN, THE NETHERLANDS, Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/069174	1)JANSSEN, ANNE
Filing Date	:08/12/2010	2)MENDROK-EDINGER, CHRSITINE
(87) International Publication No	:WO 2011/070068	3)SCHLIFKE-POSCHALKO, ALEXANDER
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to novel polyglycerol based UV-filters as well as to topical compositions comprising such novel polyglycerol based UV-filters. Furthermore, the invention relates to the use of such novel polyglycerol based UV-filters to enhance the solubility of butyl methoxydibenzoylmethane or bis-ethylhexyloxyphenol methoxyphenyl triazine in cosmetic oils.

No. of Pages: 47 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "NOVEL COMPOUNDS"

(51) International classification	:C07C	(71)Name of Applicant:
(31) Priority Document No	:09178495.9	1)DSM IP ASSETS B.V.
(32) Priority Date	:09/12/2009	Address of Applicant :HET OVERLOON 1, NL- 6411 TE
(33) Name of priority country	:EUROPEAN	HEERLEN, THE NETHERLANDS Netherlands
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/069135	1)SCHLIFKE-POSCHALKO, ALEXANDER
Filing Date	:08/12/2010	
(87) International Publication No	:WO 2011/070053	
(61) Patent of Addition to Application	.NT A	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.4269/DELNP/2012 A

(57) Abstract:

The invention relates to novel polyglycerol based UV-filters as well as to topical compositions comprising such novel polyglycerol based UV-filters. Furthermore, the invention relates to the use of such novel polyglycerol based UV-filters to enhance the solubility of butyl methoxydibenzoylmethane or bis-ethylhexyloxyphenol methoxyphenyl triazine in cosmetic oils.

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

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR RESOURCE ALLOCATION IN A WIRELESS COMMUNICATION NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H04W72/06 :61/948,153 :05/03/2014 :U.S.A. :NA :NA	(71)Name of Applicant: 1)CELLOS SOFTWARE LTD Address of Applicant :of Level 42, 80 Collins Street, Melbourne, Victoria 3000, Australia, Australia (72)Name of Inventor: 1)SUMUDU PRASAD WIJETUNGE
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	: NA :NA :NA	2)KUMBESAN SANDRASEGARAN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides method and apparatus for resource allocation in wireless communication network. The method comprises: determining each UE in each cell of a cluster to be a CE UE or CC UE according to pilot signal strength reported by the UE; dividing available frequency band into two non-overlapping frequency bands of CE frequency band and CC frequency band based on the number of CC UEs and the number of CE UEs in the cluster; assigning non-overlapping portion from the CE frequency band to each cell based on at least one number associated with CE UEs in each cell; assigning at least one resource block (RB) from the CC frequency band to each CC UE in each cell; and assigning at least one RB from the assigned non-overlapping portion from the CE frequency band to each cell of the cluster to each CE UE in the corresponding cell. FIG. 12

No. of Pages: 58 No. of Claims: 16

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD FOR MEASURING DILUTION AND VISCOSITY OF LUBRICATING OIL, CONTROL METHOD AND CONTROL MODULE, AND REFRIGERATION AIR CONDITIONING SYSTEM

(51) International classification :F04C29/02 (31) Priority Document No :CN201310756021 (32) Priority Date :31/12/2013 (33) Name of priority country :China (86) International Application No Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)DANFOSS (TIANJIN) LTD. Address of Applicant: No. 5 Fuyuan Road, Wuqing Development Area, Tianjin, 301700, P.R.China; China (72)Name of Inventor: 1)FAN, Liang 2)SUN, Zili 3)DING, Siyuan 4)HUANG, Zhigang 5)LI, Jingyuan 6)SUN, Yingke 7)WANG, Dong 8)ZHANG, Leping
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(57) Abstract:

Embodiments of the present invention provide a method for measuring dilution and/or viscosity of lubricating oil in a compressor. The method includes: detecting a pressure difference between an inlet and an outlet of an oil pump in the compressor by pressure difference detection apparatus, and determining the dilution of the lubricating oil and/or the viscosity of the lubricating oil according to the pressure difference detected; a lower end of the oil pump being located in the lubricating oil in the oil sump, a high-pressure side of the pressure difference detection apparatus being connected to the outlet of the oil pump and a low-pressure side of the pressure difference detection apparatus being connected to bottom of the oil sump. Embodiments of the present invention further provides a method for detecting dilution of lubricating oil, a control method and control module for controlling a compressor, and a refrigeration air conditioning system.

No. of Pages: 33 No. of Claims: 23

(21) Application No.3840/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ENHANCED MATTRESS

(31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No Signature S	(71)Name of Applicant: 1)RONEN YECHIEL MENDI Address of Applicant:69, Hanassie Weitzman Street, Hadera 38386, ISRAEL Israel 2)RONEN TUCHFELDO (72)Name of Inventor: 1)RONEN YECHIEL MENDI 2)RONEN TUCHFELDO
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(57) Abstract:

An enhanced mattress for enabling passive involuntary digestive tract movement, shoulder opening and pelvis bones movement. The apparatus is configured solely for prone lying of a human body thereupon and includes a head support section which comprises an open face section, an upper main section connected to the head support section, the upper main section comprises a plurality of dedicated supporting members. A lower support section connected to the upper main section.

No. of Pages: 27 No. of Claims: 18

(21) Application No.451/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :17/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : SYSTEM, METHOD AND COMPUTING APPARATUS TO ISOLATE A DATABASE IN A DATABASE SYSTEM

(31) Priority Document No :61/9 (32) Priority Date :19/0 (33) Name of priority country :U.S. (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA	(72)Name of Inventor : 1)CHANDRESH SHARMA
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

The present invention relates to a system, method and computing apparatus to isolate a database in a database system. The disclosure of the present invention enables more efficient and more secured implementation of "database isolation" in a multi-tenant or multi-user database system storing service data belonging to different users. The user identifier(s) are extracted from the default database, creating a user table according to the extracted user identifier(s), creating a service table in the main database with owner user identifier column and owner group identifier column inserted, it can efficiently create view to a user when the user requests to access the service data which the user owns or the user is authorized to access. The created service table with owner user identifier column and owner group identifier column inserted achieve database isolation at database level, and the created view achieves database isolation at application level. Fig. 8

No. of Pages: 53 No. of Claims: 19

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : DISPENSING DEVICES FOR USE WITH SIDE-BY-SIDE FLUID CARTRIDGES AND RELATED METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B05C17/005 :14/196,486 :04/03/2014 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)NORDSON CORPORATION Address of Applicant:28601 Clemens Road, Westlake, Ohio 44145, USA U.S.A. (72)Name of Inventor: 1)JEFF THOMPSON 2)PETER J. WONG
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A dispensing device for dispensing fluid from a side-by-side fluid cartridge includes a dispenser body, a first piston adapted to slide within a first fluid chamber of the fluid cartridge, a second piston adapted to slide within a second fluid chamber of the fluid cartridge, and an adapter head moveable between first and second positions for releasably connecting the fluid cartridge to the dispenser body. The first piston and the second piston are coaxially aligned with the first fluid chamber and the second fluid chamber, respectively, when the adapter head is in the first position and also when the adapter head is in the second position. Another dispensing device includes a plate coupled with a dispenser body and movable in an axial direction of a fluid cartridge between a first position for receiving a first cartridge flange having a first flange thickness and a second position for receiving a second cartridge flange having a second flange thickness.

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

(21) Application No.3719/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :16/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : EXTENDED OLED OPERATIONAL LIFETIME THROUGH PHOSPHORESCENT DOPANT PROFILE MANAGEMENT

(51) International classification :H01L51/06 (31) Priority Document No :61/916,914 (32) Priority Date :17/12/2013 (33) Name of priority country :U.S.A. (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	
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(57) Abstract:

This disclosure relates, at least in part, an organic light emitting device, which in some embodiments comprises an anode; a cathode; a first emissive layer disposed between the anode and the cathode, the first emissive layer comprising an electron transporiting compound and a phosphorescent emissive dopant compound; and wherein the phosphorescent emissive dopant compound has a concentration gradient, in the emissive layer, which varies from the cathode side of the first emissive layer to the anode side of the emissive layer.

No. of Pages: 81 No. of Claims: 14

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR OPERATING A COMBUSTOR FOR A GAS TURBINE AND COMBUSTOR FOR A GAS TURBINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:F23R :13006011.4 :24/12/2013 :EPO :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: BROWN BOVERI STRASSE 7, CH- 5400 BADEN, SWITZERLAND Swaziland (72)Name of Inventor:
Filing Date	:NA	1)DOEBBELING, KLAUS
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	2)FREITAG, EWALD
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a new path of combustion technology for gas turbine operation with multifuel capability, low emissions of NOx and CO and high thermal efficiency. According to the present invention a method for operating a combustorfor a gas turbine and a combustor for a gas turbine are disclosed at least comprising a first combustion chamber 1 with a wide operating range, a subsequent deflection unit 2 for deflecting the hot gas flow of the first combustion chamber 1 at least in circumferential direction and including components 11, 12, 13, 14 for injecting and mixing additional air 9 and/or fuel 10, and a sequential combustion chamber 3 with a short residence time, where the temperature of the hot gases reaches its maximum.

No. of Pages: 28 No. of Claims: 36

(21) Application No.3823/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :22/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SOLAR RECEIVER

(51) International classification (31) Priority Document No	:H01L :14/139,904	(71)Name of Applicant : 1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:24/12/2013	Address of Applicant :BROWN BOVERI STRASSE 7, CH-
(33) Name of priority country	:U.S.A.	5400 BADEN, SWITZERLAND Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DAS, APURBA
(87) International Publication No	: NA	2)MCGRANE, DAVID
(61) Patent of Addition to Application Number	:NA	3)SIMIANO, MARCO
Filing Date	:NA	4)BOSCHEK, ERIK
(62) Divisional to Application Number	:NA	5)GAN, XIAO-PENG
Filing Date	:NA	

(57) Abstract:

A solar receiver, designed to use a heat transfer medium, includes a plurality of panels. Each panel is arranged and configured to enable the heat transfer medium to flow in at least one flow direction, one flow direction defining a pass, to obtain unique mass flux in each pass to optimize the heat flux capability of the pass while minimizing pressure drop across the selected passes of the heat transfer surface. A method thereof is also provided.

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

(21) Application No.5309/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD OF TREATING HEMOLYTIC DIASEASE.

(51) International classification	:A61K 39/395	(71)Name of Applicant:
(31) Priority Document No	:10/771,552	1)ALEXION PHARMACEUTICALS, INC.
(32) Priority Date	:03/02/2004	Address of Applicant :352 KNOTTER DRIVE, SCHESHIRE,
(33) Name of priority country	:U.S.A.	CT 06410 (US) U.S.A.
(86) International Application No	:PCT/US2005/003225	(72)Name of Inventor:
Filing Date	:03/02/2005	1)BELL, LEONARD
(87) International Publication No	:WO 2005/074607	2)ROTHER, RUSSELL, P
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:4476/DELNP/2006	
Filed on	:02/08/2006	

(57) Abstract:

Paroxysmal nocturnal hemoglobinuria or other hemolytic diseases are treating using a compound which binds to or otherwise blocks the generation and/or the activity of one or more complement components, such as, for example, a complement-inhibiting antibody. Biochemical Parameters of Hemolysis During Eculizumab Treatment a from comparisons of mean change from pre-study to 64 weeks b Values represent means during 52 week period prior to treatment except for AST which represents the baseline mean c 10 of 11 patients were below the detectable limit of haptoglobin (<0.06 g/L); 1 patient had a value of 0.69 g/L. d not significant

No. of Pages: 61 No. of Claims: 74

(21) Application No.531/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :24/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: INLET PIPE AND MOLDING METHOD OF INLET PIPE

(51) International classification (31) Priority Document No	:2014- 039724	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant: 1, Toyota-cho Toyota-shi, Aichi-ken,
(32) Priority Date(33) Name of priority country(86) International Application No	:28/02/2014 :Japan :NA	471-8571, Japan Japan (72)Name of Inventor: 1)FERNANDO Dilshan
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

Provided are an inlet pipe including a curved portion (10) having a curved shape, and a molding method thereof. In the molding method of the inlet pipe, the inlet pipe having a curved shape is molded by a step of molding, by injection molding, a downstream pipe portion (2) including a curved portion (10) having a large curvature, and a step of molding an upstream pipe portion (1) by blow molding. REFER TO FIG. 1

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

(21) Application No.59/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date: 13/11/2015

(54) Title of the invention: DISPERSION METHOD FOR COATING OBJECTS WITH THIS DISPERSION AND USE OF THE **DISPERSION**

(51) International

:C09D183/04,B05D7/24,C08K3/22 classification

(31) Priority Document No :10 2012 014 335.4 (32) Priority Date :19/07/2012

(33) Name of priority country: Germany

(86) International Application :PCT/EP2013/065123

No :17/07/2013 Filing Date

(87) International Publication :WO 2014/012989

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

Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant:

1)FRAUNHOFER GESELLSCHAFT ZUR FÄ-RDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

Address of Applicant :Hansastraße 27c 80686 München

Germany

(72) Name of Inventor:

1)HENNINGER Stefan 2)KUMMER Harry

3) JEREMIAS Felix

(57) Abstract:

The invention relates to a dispersion and a method for coating objects in particular heat exchanger structures in which this dispersion is applied to a support structure and is crosslinked and/or formed into a film forming a layer. The invention likewise relates to heat exchanger structures coated in this manner. The dispersions according to the invention can likewise be used for coatings in chemical installations construction and also in medical technology.

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

(21) Application No.4282/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "ORAL CARE COMPOSITIONS AND METHODS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K 31/19 :61/288,359 :21/12/2009 :U.S.A. :PCT/US2010/061491 :21/12/2010 :WO 2011/084781 :NA :NA	(71)Name of Applicant: 1)COLGATE-PALMOLIVE COMPANY Address of Applicant: 300 PARK AVENUE, NEW YORK, NY 10022, U.S.A. U.S.A. (72)Name of Inventor: 1)WANG WEI 2)BARNES VIRGINIA 3)TRIVEDI HARSH MAHENDRA 4)XU TAO
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(57) Abstract:

Described herein are compositions comprising a MMP-13 inhibitor, and methods of using the same.

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

(21) Application No.4283/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "DUAL VARIABLE DOMAIN IMMUNOGLOBULINS AND USES THEREOF"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12P 21/08 :61/251,804 :15/10/2009 :U.S.A. :PCT/US2010/052843 :15/10/2010 :WO 2011/047262 :NA :NA :NA	(71)Name of Applicant: 1)ABBVIE INC., Address of Applicant: 1 NORTH WAUKEGAN ROAD, NORTH CHICAGO, IL 60064, USA. U.S.A. (72)Name of Inventor: 1)GHAYUR TARIQ 2)KAMATH RAJESH V. 3)LIU JUNJIAN 4)HONORE MARIE P.
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(57) Abstract:

The present invention relates to engineered multivalent and multispecific binding proteins, methods of making, and specifically to their uses in the prevention, diagnosis, and/or treatment of disease.

No. of Pages: 331 No. of Claims: 76

(22) Date of filing of Application :23/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AIRCRAFT DATA PROCESSING AND TRANSMISSION SYSTEM AND METHOD

(51) International classification (31) Priority Document No	:G08G5/00 :939/CHE/2014	(71)Name of Applicant: 1)HONEYWELL INTERNATIONAL INC.
(32) Priority Date	:25/02/2014	Address of Applicant :101 Columbia Road, POB 2245,
(33) Name of priority country	:India	Morristown, N.J. 07962-2245, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BHARATH SUNDARARAJAN
(87) International Publication No	: NA	2)VIJAYSHANKARAN RAMAMOORTHY IYER
(61) Patent of Addition to Application Number	:NA	3)SATHYA PRAKASH NILAGIRI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An aircraft data processing system includes a main transceiver, a data distributor, a plurality of data processors, and a display page maker. The main transceiver selectively receives aircraft data transmitted from a plurality of client aircraft and selectively transmits cockpit data to one or more client aircraft. The data distributor selectively receives the aircraft data received by the main transceiver and parses and distributes the aircraft data. The data processors receive a portion of the parsed aircraft data, process the aircraft data, and supply processed aircraft data. The display page maker receives the processed aircraft data from the plurality of processors and generates the cockpit data for selective transmission by the main transceiver to the one or more client aircraft. The cockpit data, when processed in a client aircraft, will render one or more images representative of at least portions of the processed aircraft data.

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

(21) Application No.5361/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: SUBSTITUTED AMINOTHIAZOLONE INDAZOLES AS ESTROGEN RELATED RECEPTOR AA **MODULATORS**

(51) International :C07D417/06,C07D417/14,C07D417/10

classification

(31) Priority Document :61/287740

(32) Priority Date :18/12/2009

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

(86) International

:PCT/US2010/060720 Application No

:16/12/2010 Filing Date

(87) International

:WO 2011/075565 **Publication No**

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

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

:NA

:NA

(71) Name of Applicant:

1) JANSSEN PHARMACEUTICA NV

Address of Applicant: Turnhoutseweg 30 B 2340 Beerse

Belgium

2)NA

3)NA

4)NA 5)NA

(72)Name of Inventor:

1)BIGNAN Gilles

2)GAUL Micheal

3)XU Guozhang

4)ZHAO Bao Ping

(57) Abstract:

The present invention relates to compounds of Formula (I) methods for preparing these compounds compositions intermediates and derivatives thereof and for treating a condition including but not limited to ankylosing spondylitis artherosclerosis arthritis (such as rheumatoid arthritis infectious arthritis childhood arthritis psoriatic arthritis reactive arthritis) bone related diseases (including those related to bone formation) breast cancer (including those unresponsive to anti estrogen therapy) cardiovascular disorders cartilage related disease (such as cartilage injury/loss cartilage degeneration and those related to cartilage formation) chondrodysplasia chondrosarcoma chronic back injury chronic bronchitis chronic inflammatory airway disease chronic obstructive pulmonary disease diabetes disorders of energy homeostasis gout pseudogout lipid disorders metabolic syndrome multiple

myeloma obesity osteoarthritis osteogenesis imperfecta osteolytic bone metastasis osteomalacia osteoporosis Paget s disease periodontal disease polymyalgia rheumatica Reiter s syndrome repetitive stress injury hyperglycemia elevated blood glucose level and insulin resistance.

No. of Pages: 490 No. of Claims: 37

(21) Application No.597/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :03/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ICE-RESISTANT PAINT FOR WIND TURBINE BLADES

(51) International classification	:F03D11/00	(71)Name of Applicant:
(31) Priority Document No	:ES201400193	
(32) Priority Date	:11/03/2014	Address of Applicant :Ciudad de la Innovación, 9-11, 31621
(33) Name of priority country	:Spain	Sarriguren (Navarra) Spain Spain
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MARIA YOLDI SANGÜESA
(87) International Publication No	: NA	2)ROSARIO MARTÃ • NEZ ORTIGOSA
(61) Patent of Addition to Application Number	:NA	3)ALMUDENA MUÑOZ BABIANO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Ice-resistant paint for wind turbine blades comprising a paint base, which in turn comprises a solvent and a hydrophobe component, which comprises nanoparticles, in which the base paint is a polyurethane high solid paint, and the nanoparticles are substantially spherical compounds comprising a silica core and a hydrophobe organosilicone coating compatible with the blade.

No. of Pages: 6 No. of Claims: 8

(22) Date of filing of Application :24/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: IHC, TISSUE SLIDE FLUID EXCHANGE DISPOSABLE AND SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N35/04 :61/951,135 :11/03/2014 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	Address of Applicant :290, Concord Road, Billerica, MA
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(57) Abstract:

Apparatus and method for Immunohistochemistry, including a slide holder assembly fixture, a slide holder, a slide holder frame, and a slide holder frame assembly adapted to be placed in communication with a driving force to draw fluid through the slide holder. The slide holder may include an injection port that allows consistent fluid delivery and recovery, while minimizing the introduction of air bubbles. The slide holder may include a reservoir that allows for filling, soaking, rinsing, flushing, uniform antibody coverage of the tissue and reduces handling time, space, and errors, and one or more sample chambers. The slide orientation in the slide holder allows for visualization of label information and tissue to confirm adequate antibody coverage. A multi-port frame allows multiple assays to be carried out concurrently, and is removable from a vacuum manifold and allows for easy transport from the vacuum manifold to an incubator/refrigerator and back.

No. of Pages: 50 No. of Claims: 20

(21) Application No.598/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :03/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : POULTRY NECK BREAKER MACHINE AND METHOD FOR BREAKING THE NECK OF POULTRY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:2012430 :13/03/2014	(71)Name of Applicant: 1)Meyn Food Processing Technology B.V. Address of Applicant: Westeinde 6, NL-1511 MA OOSTZAAN, the Netherlands. Netherlands (72)Name of Inventor: 1)Van Hillo, Eric Adriaan 2)Hagendoorn, Jan Willem
 (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:

Poultry neck breaker machine for poultry suspended by the legs in a conveyor line, comprising a movable breaker device for imparting a breaking force to the poultry $\hat{a} \in T^M s$ neck, and comprising an anvil to provide support to the poultry $\hat{a} \in T^M s$ neck during operation of the movable breaker device, wherein the anvil is arranged for introduction into a poultry cavity through the poultry $\hat{a} \in T^M s$ vent. The invention also relates to a method for breaking a poultry $\hat{a} \in T^M s$ neck while the poultry is suspended by the legs in a conveyor line, wherein a breaking force is imparted to the poultry $\hat{a} \in T^M s$ neck while the poultry $\hat{a} \in T^M s$ neck is supported, wherein the poultry $\hat{a} \in T^M s$ neck is supported from within the poultry.

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

(21) Application No.6250/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014

(43) Publication Date: 13/11/2015

$(54)\ Title\ of\ the\ invention: POLYMORPHS\ OF\ N\ (2\ METHOXYBENZOYL)\ 4\ [\ (METHYLAMINOCARBONYL)\ AMINO]\ BENZENESULFONAMIDE$

(51) International classification(31) Priority Document No	:1202393.3	Address of Applicant :European Regional Centre Priestley
(32) Priority Date	:09/02/2012	Road Surrey Research Park Surrey Guildford Surrey GU2 7YH
(33) Name of priority country	:U.K.	U.K. (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/EP2013/052534 :08/02/2013	1)JONES Ian Kevin 2)GEORGE Neil 3)HONE John
(87) International Publication No	:WO 2013/117691	
(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 solid forms of herbicide safeners to processes for their preparation compositions comprising the solid forms and methods of their use as safeners

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

(21) Application No.6251/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: JOB MANAGEMENT SYSTEM AND JOB MANAGEMENT METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G05B19/418 :NA :NA :NA :PCT/JP2012/051843 :27/01/2012 :WO 2013/111329 :NA :NA	(71)Name of Applicant: 1)HITACHI LTD. Address of Applicant: 6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor: 1)OHISHI Satoshi 2)NIIMURA Yonemitsu
Number Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This job management system is provided with: an information processing device having a processing section a storage section and a display section (32); and IC tag readers. Each of said IC tag readers: is fitted to an IC tag placement location installed in a job space for each of multiple job processes; detects an IC tag placed in the IC tag placement location and reads the information of said IC tag; and sends the read IC tag information to the information processing device. By a job specific diagram display unit of the information processing device the display section (32) is made to display a time related to a job said time being displayed as a diagram. If a job congestion location exists in the diagram and a congestion location diagram display unit of the information processing device receives an operation requesting a separate display for said congestion location the display section (32) is made to separately display a diagram for another job that was done in the time slot of the congestion location said other job having been done in the job space that governs the applicable job process.

No. of Pages: 32 No. of Claims: 5

(22) Date of filing of Application :26/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SEAL FIXTURE SEALING ASSEMBLY, CONNECTOR ASSEMBLY AND HOUSING ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01R33/76 :201320893577.0 :31/12/2013 :China :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TYCO ELECTRONICS (SHANGHAI) CO. LTD., Address of Applicant: OF LEVER 1, NO. 142 HE DAN ROAD, WAIGAOQIAO FREE TRADE ZONE, SHANGHAI 200233, PEOPLES REPUBLIC OF CHINA, China (72)Name of Inventor: 1)ZHOU, CHERIE 2)BARBERIS, MARCO 3)GENTA, ALESSANDRO 4)SPINCICH, DEMIS
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(57) Abstract:

The present utility model discloses a seal fixture, characterized in that it comprises a canister-like body which encompasses to form a canister cavity; an accommodating slot is provided around an outer wall of the canister-like body; the accommodating slot has an upper wall and a lower wall; the upper wall is provided with the first lug; the first.lug protrudes out of an external surface of the upper wall. In the seal fixture, the sealing assembly, the connector assembly and housing assembly in the present utility model, the accommodating slot on the seal fixture is used to accommodate a sidewall of the seal, the first lug is embedded into the annular sidewall of the seal, and the first lug may enhance the connection strength between the seal fixture and the seal .during insertion and drawing of the sealing assembly.

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

(21) Application No.493/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :20/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: DISPLAY APPARATUS

(51) International classification (31) Priority Document No	:G06F3/048 :61/943.640	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO., LTD.
(32) Priority Date	:24/02/2014	
(33) Name of priority country	:U.S.A.	Suwon-si, Gyeonggi-do, Republic of Korea. Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Hyo Jae JANG
(87) International Publication No	: NA	2)Chan Hong PARK
(61) Patent of Addition to Application Number	:NA	3)Jeong Ho BANG
Filing Date	:NA	4)Jong Myung LEE
(62) Divisional to Application Number	:NA	5)Sun Weon JEONG
Filing Date	:NA	6)Hyeong Sik CHOI

(57) Abstract:

Disclosed herein is a display apparatus that reduces a magnitude of a tension applied to a flexible PCB when a display panel is provided with a curved surface, and prevents damage of a driving chip. The display apparatus in accordance with exemplary embodiments includes a display panel configured to display an image, a source printed circuit board configured to control the display panel, and a flexible PCB that connects the display panel and the source printed circuit board. A length of at least one side edge of the flexible PCB is formed longer than a minimum length from the display panel to the source printed circuit board.

No. of Pages: 39 No. of Claims: 25

(21) Application No.612/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :04/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: POLYAMIDE COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:14161765.4 :26/03/2014 :EUROPEAN UNION :NA :NA :NA :NA	(71)Name of Applicant: 1)LANXESS DEUTSCHLAND GMBH Address of Applicant: Kennedyplatz 1, D-50569 Köln, Germany, Germany (72)Name of Inventor: 1)JOCHEN ENDTNER 2)WOLFGANG WAMBACH 3)MATTHIAS BIENMÜLLER
Filing Date	:NA	

(57) Abstract:

The present invention relates to compositions based on nylon-6 (PA 6) or nylon-6,6 (PA 66) comprising melamine cyanurate, glass beads and glass fibres, and to the production and use of the inventive compositions for production of products for the electrical industry, preferably electrical components, more preferably for production of residual current circuit breakers and other circuit breakers.

No. of Pages: 43 No. of Claims: 16

(21) Application No.6266/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : COMPOSITION OF DETECTION AGENTS FOR EPITHELIAL TUMOUR CELLS AND PREPARATION METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K31/5415 :201110449270.7 :29/12/2011 :China :PCT/CN2012/087880 :28/12/2012 :WO 2013/097771 :NA :NA	 (71)Name of Applicant: 1)YAN Wenguang Address of Applicant: Room 901 Cambridge Apartment Laodong Road (South) Xian Shaanxi 710068 China (72)Name of Inventor: 1)YAN Wenguang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided in the present invention is a composition of detection agents for living cells especially epithelial tumour cells; the composition contains 0 5% folic acid 0 10% folic acid composite 0.01 5% methylene blue 0.1 10% sugar reducing agent 2 6% acetic acid and 3 95% water. Also provided in the present invention is a preparation method for the composition of detection agents and kits containing the composition of detection agents.

No. of Pages: 17 No. of Claims: 11

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: APPARATUS AND METHOD FOR PROVIDING PRODUCT INFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G06K7/00 :61/580379 :27/12/2011 :U.S.A. :PCT/US2012/070273 :18/12/2012	(71)Name of Applicant: 1)THE GILLETTE COMPANY Address of Applicant: World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts 02127 U.S.A. (72)Name of Inventor: 1)JOYCE Jonathan Livingston
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/101538 :NA :NA :NA :NA	2)STRIEMER Grant Edward 3)SHERMAN Faiz Feisal 4)AMANN Mathias 5)BOURILKOV Jordan Torodov 6)MORROW Mark Wayne 7)DE CASTRO Jose Tadeo Vergara 8)SPECHT Steven Jeffrey

(57) Abstract:

A sensor system (1000) comprises a tag (100). The tag comprises a sensor (110) an analog to digital converter (120) a passive radio frequency chip (130) and an antenna (140). The sensor (110) provides an output analogous to a change in the environment of the sensor. The analog to digital converter (120) converts the analog output of the sensor to a digital value. The chip (130) comprises a memory element input terminals and output terminals. The antenna (140) is connected to the output terminals of the chip (130).

No. of Pages: 18 No. of Claims: 15

(21) Application No.373/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYNERGISTIC MICROBICIDAL COMPOSITIONS

(32) Priority Date :30/07/2009 (33) Name of priority country :U.S.A. (86) International Application No :NA Filing Date :NA (87) International Publication No :NA Filing Date :06/07/2010	 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:U.S.A. :NA :NA : NA :NA :NA :1578/DEL/2010	(72)Name of Inventor: 1)MEGAN A. DIEHL 2)DOLORES A. SHAW
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(57) Abstract:

A composition comprising a microbicidally synergistic mixture of A) methylisothiazolinone (MIT) or benzisothiazolinone (BIT) with B) decylene glycol wherein the synergistic ratio of MIT/ decylene glycol range is from 1/0.8 to 1/50, and wherein the synergistic ratio of BIT/ decylene glycol range is from 1/50 to 1/133.

No. of Pages: 32 No. of Claims: 1

(21) Application No.3730/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :16/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SUPPORT STRUCTURE FOR A BICYCLE ON-BOARD DEVICE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	MI2013A002200 23/12/2013 Italy NA NA NA	(71)Name of Applicant: 1)Campagnolo S.r.l. Address of Applicant: Via della Chimica 4, I-36100 Vicenza- Italy Italy (72)Name of Inventor: 1)ROSATI, Stefano 2)CRACCO, Flavio
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(57) Abstract:

The invention relates to a support structure (10) of a bicycle on-board device (20) inside a bicycle tube (230), the support structure (10) comprising means (21) for supporting the bicycle on-board device (20), and a portion (11) configured to be inserted inside the bicycle tube (230), characterised in that the portion (11) configured to be inserted inside the bicycle tube (230) has a stiffness with respect to radial deformation that is not constant for all of the angular positions and/or for all of the longitudinal positions. (Fig. 4)

No. of Pages: 54 No. of Claims: 15

(21) Application No.3731/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :16/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SUPPORT STRUCTURE FOR A BICYCLE ON-BOARD DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B62J11/00 :MI2013A002203 :23/12/2013 :Italy :NA	(71)Name of Applicant: 1)Campagnolo S.r.l. Address of Applicant: Via della Chimica 4, I-36100 Vicenza- Italy Italy (72)Name of Inventor:
Filing Date	:NA	1)ROSATI, Stefano
(87) International Publication No	: NA	2)CRACCO, Flavio
(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 support structure (110) of a bicycle on-board device (20) inside a bicycle tube (230), configured to be fixed inside the bicycle tube (230) and provided with mechanical fixing means (132) for the bicycle on-board device (20), characterised by comprising an elastically deformable portion (111), configured to be at least partially inserted in a forced manner inside the bicycle tube (230), wherein said mechanical fixing means (132) for the bicycle on-board device (20) are formed at a first longitudinal end of a pin (130) extending longitudinally in the elastically deformable portion (111), preferably extending longitudinally for the entire longitudinal extension of the elastically deformable portion (111). (Figs. 6, 7)

No. of Pages: 53 No. of Claims: 14

(21) Application No.613/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :04/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: POLYAMIDE COMPOSITIONS

(51) International classification (31) Priority Document No	:C08L77/06 :14161763.9	(71)Name of Applicant: 1)LANXESS DEUTSCHLAND GMBH
(32) Priority Date	:26/03/2014	Address of Applicant : Kennedyplatz 1, D-50569 Koeln,
(33) Name of priority country	:EUROPEAN UNION	Germany Germany (72)Name of Inventor:
(86) International Application No	:NA	1)JOCHEN ENDTNER
Filing Date (87) International Publication No	:NA : NA	2)MATTHIAS BIENMUELLER 3)FABIO PASSERI
(61) Patent of Addition to Application Number	:NA	S)FABIO I AGGERI
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A b s t r a c t The present invention relates to compositions based on nylon-6 (PA6) or nylon-6,6 (PA66) comprising melamine cyanurate, glass fibres and non-fibrous and non-foamed ground glass having a specific particle size distribution, geometry and optionally sizing, and to the production and use of the inventive compositions for production of products for the electrical industry, preferably electrical components, more preferably for production of residual current circuit breakers and other circuit breakers

No. of Pages: 41 No. of Claims: 15

(21) Application No.6276/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PROCESS FOR THE STEREOSELECTIVE PREPARATION OF A PYRAZOLE CARBOXAMIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D231/14 :12155526.2 :15/02/2012 :EPO :PCT/EP2013/052803 :13/02/2013 :WO 2013/120860 :NA :NA :NA	(71)Name of Applicant: 1)SYNGENTA PARTICIPATIONS AG Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor: 1)SMEJKAL Tomas
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(57) Abstract:

The present invention relates to a process for the enantioselective preparation of 3 difluoromethyl 1 methyl 1H pyrazole 4 carboxylic acid ((1S 4R) 9 dichloromethylene 1 2 3 4 tetrahydro 1 4 methano naphthalen 5 yl) amide of formula Ib.

No. of Pages: 42 No. of Claims: 13

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUTOMATIC COMPLEMENTARY CLUTCH AND REALIZATION METHOD THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F16D13/50,F16D13/75 :201110442254.5 :26/12/2011 :China :PCT/CN2011/084910 :29/12/2011 :WO 2013/097142 :NA :NA	(71)Name of Applicant: 1)UNITED AUTOMOTIVE ELECTRONIC SYSTEMS CO. LTD Address of Applicant:555 Rongqiao Rd Pudong New Area Shanghai 201206 China (72)Name of Inventor: 1)YU Mingtao
- 14/	:NA :NA :NA	

(57) Abstract:

Disclosed are an automatic complementary clutch and a realization method therefor. The automatic complementary clutch comprises a housing (1) a diaphragm spring (2) secondary pressure disks (3) a primary pressure disk (4) friction disks (5) a roller chassis (7) a roller (8) a roller top disk (9) and a roller return spring (90). When the diaphragm spring (2) and the secondary pressure disks (3) undergo an external force the secondary pressure disks (3) on both sides of the roller (8) and the primary pressure disk (4) form a spatial shape wide at the top and narrow at the bottom to deal with the process of the clutch being depressed or released. The automatic complementary clutch is able to solve efficiently the problem of change when the clutch is depressed caused by wearing of the friction disk ubiquitous in an ordinary dry type friction clutch and the problem of change in the separation force due to change in the diaphragm spring characteristic curve such that the clutch is able to keep uniform properties during the whole of the service life thereof.

No. of Pages: 43 No. of Claims: 10

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AMF CONTACT FOR VACUUM INTERRUPTER WITH INFORCEMENT ELEMENT†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13005772.2 :11/12/2013 :EUROPEAN UNION :NA :NA :NA :NA	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: Affolternstrasse 44, 8050 Zurich, Switzerland Switzerland (72)Name of Inventor: 1)ALEXEY SOKOLOV 2)DIETMAR GENTSCH 3)FELIX RAGER 4)TAREK LAMARA 5)THIERRY DELACHAUX
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

AMF contact for vacuum interrupter, with concentric opposing contact pieces, wherein the contact pieces consist of an external electrode shaped like a coil with a plate as bottom plate of the electrode, and generating a strong axial magnetic field, and an inner internal electrode as top electrode, carrying the nominal current, according to the preamble of claim 1. In order to to design the outer electrode in order to generate the axial magnetic field as requested for the application, with potentially superior performances to the competitors, the invention is, that between the top electrode and the bottom plate is arranged a rod, which is at one end fixed at that lower side of the is top electrode and the other end of the rod is guided trough an opening of the bottom plate, wherein at that end of the rod the rod is being furnished with an extended head in such, that the extended head of the rod locks or tightens the rod in a defined axial position. Furthermore the solution can be applied for the standard AMF or TMF (cup) contacts to reinforce them. Figure 2A

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

(21) Application No.374/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYNERGISTIC MICROBICIDAL COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A01P1/00 :61/273,049 :30/07/2009 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)ROHM AND HAAS COMPANY Address of Applicant:100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, USA U.S.A. (72)Name of Inventor: 1)MEGAN A. DIEHL 2)DOLORES A. SHAW
(62) Divisional to Application Number Filed on	:1578/DEL/2010 :06/07/2010	

(57) Abstract:

A composition comprising a microbicidally synergistic mixture of A) methylisothiazolinone (MIT) or benzisothiazolinone (BIT) with B) methyl glycine diacetic acid (MDGA). wherein the synergistic ratio of MITI MDGA range is from 1/15 to 1/250 and wherein the synergistic ratio of BIT/ MDGA range is from 1/20 to 1/1600.

No. of Pages: 32 No. of Claims: 1

(21) Application No.541/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :25/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: HEADLIGHT FOR VEHICLE

(51) International classification	:F21S8/12	(71)Name of Applicant:
(31) Priority Document No	:2014- 055048	1)HONDA MOTOR CO., LTD. Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:18/03/2014	ku, Tokyo 107-8556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KAZUKI WATANABE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a headlight 1 for a vehicle including headlight light sources 20, 21 and auxiliary light sources 9 with a reflector 10 of a generally semi-spherical shape that reflects irradiation light of the headlight light sources 20, 21 toward vehicle body front being stored inside a housing 3, the headlight light sources 20, 21 and the auxiliary light sources 9 are formed of LEDs, a base plate 5 that mounts the headlight light sources 20, 21 is disposed generally horizontally in front of the reflector 10, and the auxiliary light sources 9 are disposed on a front end surface 5F on the vehicle body front side of the base plate 5. A lens 12 that covers an opening 10a on the vehicle body front side of the reflector 10 and allows irradiation light of the headlight light sources 20, 21 and the auxiliary light sources 9 to permeate therethrough is provided, and light guide members 7 that guide irradiation light of the auxiliary light sources 9 to an optional direction are arranged at a position between the auxiliary light sources 9 and the lens 12. The light guide members 7 are long members having a rectangular cross section. [Selected Drawing] Fig. 3

No. of Pages: 27 No. of Claims: 7

(21) Application No.57/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015

(43) Publication Date: 13/11/2015

$(54) \ Title \ of the \ invention: MOISTURE \ CURABLE \ AMINE \ CATALYZED \ SURFUR \ CONTAINING \ POLYMER \ COMPOSITIONS$

(51) International classification	:C09D181/02	(71)Name of Applicant:
(31) Priority Document No	:13/529151	1)PRC DESOTO INTERNATIONAL INC.
(32) Priority Date	:21/06/2012	Address of Applicant :12780 San Fernando Road Sylmar
(33) Name of priority country	:U.S.A.	California 91342 U.S.A.
(86) International Application No	:PCT/US2013/046497	(72)Name of Inventor:
Filing Date	:19/06/2013	1)CAI Juexiao
(87) International Publication No	:WO 2013/192279	2)LIN Renhe
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		·

(57) Abstract:

Disclosed are moisture curable amine catalyzed compositions containing sulfur containing polymers and blocked basic catalysts having extended pot life. The use of the moisture curable amine catalyzed compositions in aerospace sealant applications is also disclosed.

No. of Pages: 43 No. of Claims: 21

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : PEPTIDE ANTAGONISTS OF THE CALCITONIN CGRP FAMILY OF PEPTIDE HORMONES AND THEIR USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07K14/585 :61/591236 :26/01/2012 :U.S.A. :PCT/US2013/023260 :25/01/2013 :WO 2013/112912 :NA :NA	 (71)Name of Applicant: 1)SOARES Christopher J. Address of Applicant: 440 Oak Ridge Court Lake Bluff IL 60044 U.S.A. (72)Name of Inventor: 1)SOARES Christopher J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The embodiments provide a modified calcitonin gene related peptide antagonist including an N terminal fragment of modified calcitonin gene related peptide or related protein family member where at least two residues of the N terminal fragment are cysteine (Cys) and at least one amino acid comprises a non threonine substitution of a threonine (Thr) residue; a central core where the central core comprises an oc helix; and a C terminal fragment of modified calcitonin gene related peptide or related protein family member comprising a C terminal amide and where at least one amino acid of the C terminal fragment is phenylalanine (Phe) proline (Pro) tyrosine (Tyr) or hydroxyproline (Hyp) or pharmaceutically acceptable salt thereof as well as compositions including pharmaceutical compositions comprising a subject peptide. The embodiments further provide treatment methods including methods of treating a migraine the methods generally involving administering to an individual in need thereof an effective amount of a subject peptide or composition.

No. of Pages: 65 No. of Claims: 45

(21) Application No.454/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application:19/01/2015 (43) Publication Date: 13/11/2015

(54) Title of the invention: AMINE CATALYST FOR CURING POLYISOCYANATE COMPOUND AND POLYISOCYANATE ADHESIVE COMPOSITION CONTAINING AMINE CATALYST FOR CURING POLYISOCYANATE COMPOUND

(51) International :C08G18/18,C09J11/06,C09J175/00 classification

(31) Priority Document No :2012165665

(32) Priority Date :26/07/2012 (33) Name of priority country: Japan

(86) International Application :PCT/JP2013/070354

No

:26/07/2013 Filing Date

(87) International Publication: WO 2014/017641

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

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

(71)Name of Applicant:

1)TOSOH CORPORATION

Address of Applicant: 4560 Kaisei cho Shunan shi Yamaguchi

7468501 Japan

(72) Name of Inventor:

1)MIYAGAWA Yasumichi

2)KISO Hiroyuki

(57) Abstract:

Provided are: an amine catalyst ior curing a polvisocyanate compound, which is capable of having a good balance between initial moldability before a thermal compression process and high reactivity during thermal compression molding; and an adhesive composition which contains tms amine catalyst for curing a polyisocyanate compound. A catalyst which contains an amine compound (1) represented by formula (1) and an amine compound (2) represented by formula (2) is used as an amine catalyst for curing a polyisocyanate compound. (In formula (1), each of R1 and R2 independently represents a hydrocarbon group having 1-4 car bon atoms; and R3 represents a hydrocarbon group having 1-4 carbon atoms and a hydroxyl group or an amino group.) (In formula (2), each of R4 and R5 independently represents a hydrocarbon group having 1-4 carbon atoms; R6 represents a hydrocarbon group having 1-4 carbon atoms, or a hydrocarbon group having 1-4 carbon atoms and a hydroxyl group or an amino group; R represents a hydrocarbon group having 1-4 carbon atoms and a hydroxyl group or an amino group; and m represents an integer of 2-6.)

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

(22) Date of filing of Application :24/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: PROCESSES FOR REMOVING ENTRAINED PARTICULATES FROM A GAS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:14/262,348 :25/04/2014 :U.S.A. :NA :NA	Address of Applicant :of 25 Harbor Park Drive, Port Washington, New York 11050, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	: NA :NA :NA :NA	1)SCHUTTENBERG, KURT R.
Filing Date	:NA	

(57) Abstract:

In a process for removing entrained particulates from a gas, a chemical reaction may be conducted in a vessel. Conducting the chemical reaction may include suspending particulates in a gas in a fluidized bed in the vessel. A portion of the gas and entrained particulates may be directed to a filter medium and the entrained particulates may be filtered from the gas. Filtering the entrained particulates may include directing the gas from a feed side of the filter medium through the filter medium to a filtrate side of the filter medium and may also include directing at least a portion of the entrained particulates generally tangentially along the feed side of the filter medium to scour the feed side of the filter medium. The particulates may then be directed from the feed side of the filter medium into a dip leg.

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

(21) Application No.6280/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: COUPLING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B61G5/02 :10 2012 201 012.2 :24/01/2012 :Germany :PCT/DE2013/000023 :16/01/2013 :WO 2013/110257 :NA :NA	 (71)Name of Applicant: 1)SCHAEFFLER TECHNOLOGIES AG & CO. KG Address of Applicant: Industriestrasse 1 3 91074 Herzogenaurach Germany (72)Name of Inventor: 1)LORAN Igor 2)RABER Christoph
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The application relates to a coupling device (1) comprising a counterpressure plate (2) and a pressure plate (3) that can be moved to a limited extent in the axial direction by at least one lever element (5) for frictional clamping of a coupling disc (4) between the counterpressure plate and the pressure plate (3) wherein the counterpressure plate (2) has at least one strip section (6) on which the lever element (5) is mounted in a tiltable manner.

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

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD FOR REMOVAL OF HETEROCYCLIC SULFUR USING METALLIC COPPER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01D53/48 :13/367235 :06/02/2012 :U.S.A. :PCT/US2013/021649 :16/01/2013 :WO 2013/119361 :NA :NA :NA	(71)Name of Applicant: 1)UOP LLC Address of Applicant:25 East Algonquin Road P. O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A. (72)Name of Inventor: 1)KANAZIREV Vladislav I. 2)CASKEY Stephen 3)TRAYNOR Thomas 4)SIMONETTI Dante
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(57) Abstract:

A method of removing heterocyclic sulfide impurities from a fluid stream is presented. The method comprised contacting the fluid stream with a sorbent comprising metallic copper.

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

(21) Application No.6282/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: IMPROVED CARBON CAPTURE IN FERMENTATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/02/2013 :WO 2013/119866 :NA :NA :NA	(71)Name of Applicant: 1)LANZATECH NEW ZEALAND LIMITED Address of Applicant: 24 Balfour Road Parnell Auckland 1052 New Zealand (72)Name of Inventor: 1)SCHULTZ Michael 2)GRIFFIN Derek
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides methods and systems for improving carbon capture from a gas stream comprising methane. Further the invention provides a method for the production of at least one alcohol and at least one acid from a gas stream comprising methane the method comprising reforming a gas stream comprising methane to provide a syngas in a first bioreactor fermenting the syngas to produce at least one acid and a tail gas comprising CO and H and in a second bioreactor fermenting the tail gas to produce at least one acid.

No. of Pages: 38 No. of Claims: 17

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: COMPENSATOR SYSTEM AND METHOD FOR COMPENSATING ANGULAR DISPERSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/01/2012 :WO 2013/098568 :NA :NA	(71)Name of Applicant: 1)FEMTONICS KFT. Address of Applicant: Tuzoltó utca 59 H 1094 Budapest Hungary (72)Name of Inventor: 1)RÓZSA BalÃ;zs 2)KATONA Gergely 3)VERESS MÃ;té 4)MAÕK PÃ;l 5)SZALAY Gergely
Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a compensator system adapted to compensate for the angular dispersion of electromagnetic beams deflected by at least one acousto optic deflector of an optical system wherein the angular dispersion of each deflected beam is dependent on the deflection angle obtained by the deflecting acoustic frequency of the acousto optic deflector characterised in that the compensator system comprises: a first lens group for spatially separating the deflected beams of different deflection angle and angular dispersion by focusing the beams substantially into the focal plane a compensator element having a first surface and a second surface and being arranged such that the first surface of the compensator element lies substantially in the focal plane of the first lens group and the first and second surfaces of the compensator element have nominal radiuses R and R that together work as prisms with tilt angles AY and prism opening angles a that vary with the distance from the optical axis so as to compensate for the angular dispersion of the spatially separated deflected beams a second lens group arranged so as to substantially parallelise the different wavelength components of each deflected beam exiting the compensator element while maintaining the angular variation of the beams deflected at different acoustic frequencies. The invention further relates to method for compensating for the angular dispersion of electromagnetic beams deflected by at least one acousto optic deflector of an optical system wherein the angular dispersion of each deflected beam is dependent on the deflection angle obtained by the deflecting acoustic frequency characterised by spatially separating the deflected beams of different deflection angle and angular dispersion by focusing the beams via a first lens group substantially into the focal plane of the first lens group compensating for the angular dispersion of the spatially separated deflected beams in accordance with the angular dispersion of the given beam substantially parallelising the spectral components of each deflected beam while maintaining the angular variation of the beams deflected at different acoustic frequencies.

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

(21) Application No.6287/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43)

(43) Publication Date: 13/11/2015

(54) Title of the invention: BIGUANIDE COMPOSITIONS AND METHODS OF TREATING METABOLIC DISORDERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K9/00 :PCT/US2012/020548 :06/01/2012 :U.S.A. :PCT/US2012/046335 :11/07/2012 :WO 2013/103384 :NA :NA :NA	(71)Name of Applicant: 1)ELCELYX THERAPEUTICS INC. Address of Applicant:11975 El Camino Real Suite 305 San Diego CA 92130 U.S.A. (72)Name of Inventor: 1)BARON Alain D. 2)FINEMAN Mark S. 3)BEELEY Nigel R. A.
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(57) Abstract:

Provided herein are methods for treating certain conditions including diabetes obesity and other metabolic diseases disorders or conditions by administrating a composition comprising a a biguanide or related heterocyclic compound e.g. metformin. Also provided herein are biguanide or related heterocyclic compound compositions and methods for the preparation thereof for use in the methods of the present invention. Also provided herein are compositions comprising metformin and salts thereof and methods of use.

No. of Pages: 267 No. of Claims: 62

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BEVERAGE FORMING DEVICE AND METHOD WITH CARTRIDGE RETAINER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A47J31/40 :61/597006 :09/02/2012 :U.S.A. :PCT/US2013/024718 :05/02/2013 :WO 2013/119534 :NA :NA :NA	(71)Name of Applicant: 1)KEURIG GREEN MOUNTAIN INC. Address of Applicant: 33 Coffee Lane Waterbury Vermont 05676 8900 U.S.A. (72)Name of Inventor: 1)SMITH Geoffrey Y. 2)CHAN Thomas 3)CHOI Keith 4)LI Benjamin
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(57) Abstract:

A beverage forming system (100) and method in which a cartridge holder (3) is movably mounted to the frame and has an opening (3a) to receive a cartridge (1). The cartridge holder may be arranged to hold and move a cartridge between an open position in which the opening of the cartridge holder is oriented in an upwardly inclined position to receive the cartridge and a closed position in which the opening is oriented in a horizontal or downwardly inclined position. A cover (4) may be arranged to cover the opening of the cartridge holder in a closed position and the cover may be positioned away from the opening of the cartridge holder in an open position. A cartridge retainer (8) may have an engagement portion arranged to hold the cartridge in the cartridge holder opening in at least a part of movement of the cartridge holder between the open and the closed positions.

No. of Pages: 51 No. of Claims: 52

(21) Application No.383/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYNERGISTIC MICROBICIDAL COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A01N43/80 :61/273,049 :30/07/2009 :U.S.A. :NA :NA :NA	(71)Name of Applicant: 1)ROHM AND HAAS COMPANY Address of Applicant:100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, USA U.S.A. (72)Name of Inventor: 1)MEGAN A. DIEHL 2)DOLORES A. SHAW
Filing Date (62) Divisional to Application Number	:NA :1578/DEL/2010	
(62) Divisional to Application Number Filed on	:1578/DEL/2010 :06/07/2010	

(57) Abstract:

A composition comprising a microbicidally synergistic mixture of A) methylisothiazolinone (MIT) or benzisothiazolinone (BIT) with B) maleic acid wherein the synergistic ratio of MIT/ maleic acid range is from 1/50 to 1/300, and wherein the synergistic ratio of BIT/ maleic acid range is from 1/30 to 1/1000.

No. of Pages: 32 No. of Claims: 1

(21) Application No.406/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :12/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR MANAGING AUDIO VISUAL, AUDIO OR VISUAL CONTENT

(57) Abstract:

To manage audio visual content, a stream of fingerprints is derived in a fingerprint generator and received at a fingerprint processor that is physically separate from the fingerprint generator. Metadata is generated by processing the fingerprints to detect the sustained occurrence of low values of an audio fingerprint to generate metadata indicating silence; comparing the pattern of differences between temporally succeeding values of a fingerprint with expected patterns of film cadence to generate metadata indicating a film cadence; and comparing differences between temporally succeeding values of a fingerprint with a threshold to generate metadata indicating a still image or freeze frame.

No. of Pages: 24 No. of Claims: 17

(21) Application No.436/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: BATTERY PACK

(51) International classification(31) Priority Document No	:10-2014-	(71)Name of Applicant : 1)SAMSUNG SDI CO., LTD.,
(32) Priority Date		Address of Applicant :150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Korea, Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor : 1)JANG-GUN AHN
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A battery pack includes at least one battery module, a housing accommodating the at least one battery module therein, a controller to control the at least one battery module, a partition positioned between the controller and the at least one battery module, and a connector at least partially passing through the partition, the connector electrically connecting the at least one battery module with the controller. FIGURE 6

No. of Pages: 30 No. of Claims: 18

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BEVERAGE FORMING DEVICE AND METHOD WITH ACTIVATION BUTTON

:A47J31/44,A47J31/36 :61/597017 :09/02/2012 :U.S.A. :PCT/US2013/024734 :05/02/2013 :WO 2013/119543 :NA :NA	(71)Name of Applicant: 1)KEURIG GREEN MOUNTAIN INC. Address of Applicant: 33 Coffee Lane Waterbury Vermont 05676 8900 U.S.A. (72)Name of Inventor: 1)TINKLER Ian 2)SHEPARD James E.
:NA :NA	
	:61/597017 :09/02/2012 :U.S.A. :PCT/US2013/024734 :05/02/2013 :WO 2013/119543 :NA :NA

(57) Abstract:

A beverage forming system and method in which an activation button (62) is arranged on a movable cartridge holder (3). A beverage forming system may include a cartridge holder (3) movably mounted to a frame (6) and having an opening (3a) to receive a cartridge such that the cartridge holder is arranged to hold and move a cartridge (1) between an open position and a closed position. An activation button (62) may be mounted on a top of the cartridge holder (3) with the cartridge holder in the closed position allowing easy access to the button once the cartridge holder is closed. Operation of the activation button may cause the system to begin a beverage forming process that includes introducing fluid to the cartridge via an inlet.

No. of Pages: 46 No. of Claims: 21

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BEVERAGE FORMING DEVICE AND METHOD WITH BEVERAGE OUTLET CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/597009 :09/02/2012 :U.S.A.	(71)Name of Applicant: 1)KEURIG GREEN MOUNTAIN INC. Address of Applicant: 33 Coffee Lane Waterbury VT 05676 8900 U.S.A. (72)Name of Inventor: 1)SMITH Geoffrey Y. 2)HRISTOV Stoyan 3)SHEPARD James E.
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(57) Abstract:

A beverage forming system and method in which characteristics of a dispensed beverage are controlled. A beverage forming system may include an outlet chamber (7) having an inlet opening to receive beverage from a beverage forming chamber (49) and an outlet opening to output beverage. The outlet chamber may have a standpipe (74) in the outlet chamber between the inlet (71) and the outlet (73) openings that prevents a direct passage of beverage to the outlet openings (73) thus controlling characteristics of the beverage such as an amount of foam the size of bubbles in a foam etc. The standpipe (74) may have a portion extending upwardly from a bottom of the outlet chamber and impeding a direct flow path between the inlet and the outlet openings (71 73) thus forcing flow to pass around and/or over the standpipe portion.

No. of Pages: 47 No. of Claims: 23

(22) Date of filing of Application :03/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ENERGY STORAGE SYSTEM AND CONTROLLING METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J9/06 :10-2014- 0025368 :04/03/2014 :Republic of Korea :NA :NA :NA :NA	(71)Name of Applicant: 1)SAMSUNG SDI CO., LTD. Address of Applicant:150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, Republic of Korea (72)Name of Inventor: 1)JANG-HOON KIM 2)JUNG-PIL PARK
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(57) Abstract:

Energy storage system and controlling method thereof An energy storage system includes a power conversion system configured to produce a control signal for regulating a frequency of power flowing from a power generation system to an electric-power system, and a battery system including a first battery rack, a second battery rack, a charger/discharger configured to perform a 10 charging/discharging operation of the second battery rack, and a rack BMS configured to control the charging/discharging operation of the first and second battery racks using the control signal, and to control the charger/discharger, thus controlling a state of charge (SOC) of the second battery rack.

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

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR SCANNING ALONG A CONTINUOUS SCANNING TRAJECTORY WITH A SCANNER SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N21/04 :NA :NA	(71)Name of Applicant: 1)FEMTONICS KFT. Address of Applicant: Tù/4zoltó utca 59. H 1094 Budapest Hungary (72)Name of Inventor: 1)RÓZSA Balázs 2)KATONA Gergely 3)VERESS Máté 4)MAà • K Pál 5)SZALAY Gergely 6)KASZÃ • S Attila 7)CHIOVINI Balász 8)Mà • TYà • S Péter
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(57) Abstract:

The invention relates to a method for scanning along a continuous scanning trajectory with a scanner system (100) comprising a first pair of acousto optic deflectors (10) for deflecting a focal spot of an electromagnetic beam generated by a consecutive lens system (200) defining an optical axis (z) in an x z plane and a second pair of acousto optic deflectors (20) for deflecting the focal spot in a y z plane being substantially perpendicular to the x z plane characterised by changing the acoustic frequency sweeps with time continuously in the deflectors (12 12) of the first pair of deflectors (10) and in the deflectors (22 22) of the second pair of deflectors (20) so as to cause the focal spot to move continuously along the scanning trajectory.

No. of Pages: 18 No. of Claims: 5

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DEVICE FOR CONTROLLING REGIONAL HEAT ENERGY SUPPLY NETWORK

:F24F11/02 (71)Name of Applicant: (51) International classification (31) Priority Document No :2012018866 1)HITACHI LTD. (32) Priority Date Address of Applicant: 6 6 Marunouchi 1 chome Chiyoda ku :31/01/2012 Tokyo 1008280 Japan (33) Name of priority country :Japan :PCT/JP2013/052121 (72)Name of Inventor : (86) International Application No Filing Date :31/01/2013 1)NAKAMURA Rvosuke (87) International Publication No :WO 2013/115286 2)KAWAMURA Tsutomu (61) Patent of Addition to Application 3)SHIRAISHI Tomofumi :NA 4)ISHII Yoshikazu :NA Filing Date 5)MORITA Kazunobu (62) Divisional to Application Number :NA 6)KAWANO Hideyo Filing Date :NA

(57) Abstract:

A device for controlling a regional heat energy supply network for connecting heat sources and customers scattered throughout a region and supplying hot heat or cold heat the device being provided with: a means for forecasting the amount of heat generated by the heat sources and the amount of heat demanded by the customers; and a means for evaluating the amount of energy lost by the heat medium in the regional heat energy supply network. The device for controlling a regional heat energy supply network uses information representing the amount of heat generated the amount of heat demanded and the amount of energy lost by the heat medium to create an operation plan for facilities connected to the regional heat energy supply network so as to minimize the amount of energy consumed in the regional heat energy supply network and controls the facilities on the basis of the operation plan whereby the operation of heat source facilities and transportation facilities is optimized so as to account for the pressure loss and heat radiation loss of the heat medium in an instance in which heat sources and exhaust heat sources are scattered throughout the regional heat energy supply network as a whole.

No. of Pages: 29 No. of Claims: 6

(21) Application No.6297/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: VIBRATION DAMPING RUBBER COMPOSITION CROSSLINKED VIBRATION DAMPING RUBBER COMPOSITION AND VIBRATION DAMPING RUBBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C08L23/02 :2012017129 :30/01/2012 :Japan :PCT/JP2013/000486 :30/01/2013	(71)Name of Applicant: 1)BRIDGESTONE CORPORATION Address of Applicant:10 1 Kyobashi 1 chome Chuo ku Tokyo 1048340 Japan (72)Name of Inventor: 1)NAGATA Takeshi
(87) International Publication No (61) Patent of Addition to Application	:WO 2013/114869	
Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention addresses the problem of providing a vibration damping rubber composition a crosslinked vibration damping rubber composition and a vibration damping rubber using the vibration damping rubber composition and the crosslinked vibration damping rubber composition that suitably maintain basic physical properties and heat resistance while exhibiting superior weather resistance and crack growth resistance. In order to solve the abovementioned problem the present invention is characterized by comprising: a rubber component having a conjugated diene compound/non conjugated olefin copolymer; 0.6 parts by mass or less of sulfur to 100 parts by mass of the rubber component; and 1 5 parts by mass of a bismaleimide compound to 100 parts by mass of the rubber component.

No. of Pages: 57 No. of Claims: 14

(21) Application No.6324/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FLOOD CONTROL DEVICE

(51) International classification	:E02B3/04	(71)Name of Applicant :
(31) Priority Document No	:PI 2011006343	1)JOHNSON & NICHOLSON (M) SDN BHD
(32) Priority Date	:28/12/2011	Address of Applicant :No.7 Wisma Johnson & Nicholson
(33) Name of priority country	:Malaysia	Jalan 4/93 Taman Miharja 55200 Kuala Lumpur Malaysia
(86) International Application No	:PCT/MY2012/000299	(72)Name of Inventor:
Filing Date	:28/12/2012	1)CHEW Kien Ming
(87) International Publication No	:WO 2013/100757	2)CHEW Joon Yip
(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 flood control device (10) with direct sensing and control. The flood control device (10) consists of a float (20) which is connected with the flood barrier sheet (12) and the flood barrier sheet (12) will be pulled up by the float (20) according to the flood water level (23). The flood barrier sheet (12) is fixed at the support frame (13) by having flaps (17). The flaps (17) are filled by compressed air. The flood barrier sheet (12) has rounded ball shape protruding edge at four sides of the sheet which will be fully secured from slip out due to the pressure exerted from the flood water by compressed air filled flaps. The flood control device (10) is anchored onto the ground (14) by having the shaft (26) which is inserted into the hole of the bottom piece (30) through hard rubber ring at shaft end and groove at the bottom piece. A stand (24) is anchored onto the ground and connected to the support frame of the flood control device (10) with metal structure to prevent from collapsing due to force from the flood water.

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

(12)TATENT ATTLICATION TODLICATION

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AGILE AIRCRAFT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B64C15/02 :2011154439 :30/12/2011 :Russia :PCT/RU2012/000928 :12/11/2012 :WO 2013/100809	(72)Name of Inventor : 1)BIBIKOV Sergey Yurievich
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	2)GUTNIK Vyacheslav Borisovich 3)KRYLOV Leonid Evgenievich 4)MOSKALEV Pavel Borisovich 5)OGORODNIKOVA Valentina Alekseevna 6)SOKOLOVA Alla Nikolaevna 7)HAYROV Irek Nasyjhovich

(21) Application No.6325/DELNP/2014 A

(57) Abstract:

(19) INDIA

The invention relates to aviation and specifically to agile aircraft and to systems thereof for controlling said agile aircraft. The technical result to which the invention is directed consists in enhancing flight safety and the combat effectiveness of an aircraft by increasing diving time margins and correspondingly by extending the permissible centre of gravity position envelope and by increasing the combat equipment resources of the aircraft and also by realizing the optimum ratio of lifting force to drag. The agile aircraft comprises a fuselage (1) a sweptback wing (2) leading sweptback extensions (3) control members comprising a vertical fin (4) and a horizontal fin (5) and landing gear. The leading sweptback extensions (3) are arranged in the joining area between the nose part and middle part of the fuselage (1) and are equipped with controllable rotatable surfaces (6) wherein the axes of rotation of the front controllable surfaces (6) of the extensions (3) are arranged perpendicularly or at an angle to the longitudinal plane of the aircraft.

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

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: MULTIFUNCTIONAL AIRCRAFT WITH REDUCED RADAR VISIBILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B64D7/00 :2011154437 :30/12/2011 :Russia :PCT/RU2012/000917 :09/11/2012 :WO 2013/100807 :NA :NA :NA	(71)Name of Applicant: 1)OTKRYTOE AKCIONERNOE OBSCHESTVO "OKB SUHOGO" Address of Applicant:ul. Polikarpova 23 A Moscow 125284 Russia (72)Name of Inventor: 1)DAVIDENKO Aleksandr Nikolaevich 2)STRELETS Mihail Yurievich 3)GAVRIKOV Andrey Yurevich 4)BOYKO Mihail Alekseevich 5)FEDORENKO Anatoly Ivnovich 6)LOGARKOV Andrey Nikolaevich 7)RUNISCHEV Vladimir Aleksandrovich 8)BIBIKOV Sergey Yurievich 9)VASILEV Mihail Borisovich 10)KONONOV Dmitry Germanovich 11)EROFEEV Vasily Sergeevich 12)POLYAKOVA Natalya Borisovna 13)LEBEDEV Roman Stanislavovich
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(57) Abstract:

2?The invention relates to the aircraft industry field in particular to tactical aviation aircraft providing for the detection and striking of air above water and land based targets. The technical result to which the invention is directed consists in reducing the radar visibility size of an aircraft to an average size of the order of 0.1 1 m. The aircraft comprises a fuselage (1) wings (2) all flying vertical fin (AFVF) panels (3) all flying horizontal fin (AFHF) panels (4) a cockpit light (5) horizontal lips of engine air intakes (6) fine meshed screens closing air exhausts (7) lateral inclined lips of engine air intakes (8) a device reducing the effective scattering surface (ESS) of the power plant (9) and compartment flaps for a probe for in flight refuelling (10). To provide for specified levels of an effective scattering surface (ESS) on the aircraft a set of measures is carried out in relation to the airframe; to the power plant; to optical and antenna systems of a set of onboard equipment; and to equipment which is suspended and is extendible during flight.

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

(21) Application No.375/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :11/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYNERGISTIC MICROBICIDAL COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A01P1/00 :61/273,049 :30/07/2009 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)ROHM AND HAAS COMPANY Address of Applicant:100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, USA U.S.A. (72)Name of Inventor: 1)MEGAN A. DIEHL 2)DOLORES A. SHAW
•	:1578/DEL/2010 :06/07/2010	

(57) Abstract:

A composition comprising a microbicidally synergistic mixture of A) methylisothiazolinone (MIT) or benzisothiazolinone (BIT) with B) phytic acid wherein the synergistic ratio of MIT/ phytic acid range is from 1/10 to 1/100 and wherein the synergistic ratio of BIT/ phytic acid range is from 116 to 1/1300.

No. of Pages: 32 No. of Claims: 1

(22) Date of filing of Application: 18/12/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: A CONVEYOR DRIVE FABRIC DYEING MACHINE EQUIPPED WITH SEAM DETECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B05B12/08 :201420214020.4 :29/04/2014 :China :NA :NA :NA :NA	(71)Name of Applicant: 1)Chi-Lung Chang Address of Applicant:5F., No.89, Minsheng Rd., Taoyuan City, Taiwan Taiwan (72)Name of Inventor: 1)Chi-Lung Chang
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A conveyor drive dyeing machine includes a fabric seam detection device arranged in the dyeing machine. The detection device functions to detect a fabric leading end and detect, display, record fabric circulation time and the number of cycles of circulation of fabric 3 and outputting signals. When the detection device outputs signals, the following effects can be achieved: (1) automatically searching the fabric leading end and then automatically shutting down the machine to save the time for searching the fabric leading end; (2) monitoring and detecting and recording the time of previous circulation of the fabric 3 and the time of current progress; (3) counting the number of cycles of circulation of the fabric 3; (4) providing synchronization and correction control of the conveyor speed and the fabric circulation speed; and (5) providing synchronization and correction control of the speed of a fabric guide roller 4 and the fabric circulation speed.

No. of Pages: 15 No. of Claims: 2

(21) Application No.585/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: GAS COMPRESSOR

(51) International classification	:F15B13/07	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)CALSONIC KANSEI CORPORATION
(31) Fliority Document No	043193	Address of Applicant :2-1917 Nisshin-cho, Kita-ku, Saitama-
(32) Priority Date	:05/03/2014	shi, Saitama 331-8501 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)NAKAZAWA, Keisuke
Filing Date	:NA	2)YANAGAWA, Eiki
(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 gas compressor comprises a rotor having vane grooves, a cylinder shaped to surround an outer circumference of the rotor, vanes plate-shaped, slidably inserted into the vane grooves, and abuttable at one ends on the inner circumference of the cylinder, upon receiving a back pressure from the vane grooves, two side blocks to enclose both ends of the rotor and the cylinder, respectively, compression chambers supplied with a medium to compress the medium to a high-pressure medium for discharge, an oil separator to separate, from the discharged high-pressure medium, oil to be used as the back pressure, an oil path through which the oil at a certain pressure is supplied to the vane grooves, and a high-pressure supply hole formed in at least one of the side blocks, including a small diameter portion and a large diameter portion integrally formed.

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

(21) Application No.6320/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INFRARED SENSOR AND INFRARED SENSOR DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B19/00 :2012022896 :06/02/2012 :Japan :PCT/JP2013/000580 :01/02/2013 :WO 2013/118481 :NA :NA :NA	(71)Name of Applicant: 1)MITSUBISHI MATERIALS CORPORATION Address of Applicant: 3 2 Otemachi 1 chome Chiyoda ku Tokyo 1008117 Japan (72)Name of Inventor: 1)TARI Kazuyoshi 2)ISHIKAWA Mototaka 3)SHIRATA Keiji 4)NAKAMURA Kenzo
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(57) Abstract:

Provided are an infrared sensor and an infrared sensor device that are less susceptible to effects from the casing lead wires and other elements that can be surface mounted and that can measure the temperature of the measurement subject in a more accurate manner. This invention has: an insulating film (2); a first heat sensitive element (3A) and a second heat sensitive element (3B) provided on the insulating film at a distance from each other; a first wiring film (4A) connected to the first heat sensitive element and a second wiring film (4B) connected to the second heat sensitive element the first and second wiring films being formed on the insulating film; an infrared reflection film (9) provided on the insulating film so as to face the second heat sensitive element; a terminal support body (5) made from a resin arranged on one surface side; and a plurality of mounting terminals (6) provided to the terminal support body; the mounting terminals having support convex parts (6a) protruding upward; the support convex parts being connecting to the corresponding first and second wiring films; and the insulating film being supported so that a gap is provided between the terminal support body and the insulating film.

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

(22) Date of filing of Application :24/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ARRANGEMENTS FOR REMOVING ENTRAINED CATALYST PARTICULATES FROM A GAS

(32) Filority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (81) Patent of Addition to Application Number Filing Date (82) Priority Date (SU.S.A. Washington, New York 11050, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)SCHUTTENBERG, KURT R. 2)LINDSTROM, TORE H. SNA (62) Divisional to Application Number Filing Date SNA Filing Date	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/262,443 :25/04/2014 :U.S.A. :NA :NA :NA :NA :NA	Address of Applicant :of 25 Harbor Park Drive, Port Washington, New York 11050, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)SCHUTTENBERG, KURT R.
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(57) Abstract:

An arrangement for removing entrained catalyst particulates from a gas may include a pressure vessel, a filter assembly, and a dip leg. The pressure vessel may contain a fluidized bed of catalyst particulates suspended in the gas. Some of the gas and entrained catalyst particulates may be directed to the filter assembly where the entrained catalyst particulates are filtered from the gas by a filter medium. The catalyst particulates pass generally tangentially along a feed side of the filter medium, where they scour the feed side of the filter medium, and then pass into the dip tube which guides the catalyst particulates away from the filter medium.

No. of Pages: 2 No. of Claims: 17

(21) Application No.545/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :25/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: FUEL INJECTION VALVE

(74) Y	F1 (V) (1 (0 (
(51) International classification	:F16K31/06	(71)Name of Applicant:
(31) Priority Document No	:2014- 042463	1)HITACHI AUTOMOTIVE SYSTEMS, LTD. Address of Applicant :2520, Takaba, Hitachinaka-shi, Ibaraki
(32) Priority Date	:05/03/2014	312-8503, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SAITO Takahiro
Filing Date	:NA	2)KOBAYASHI Nobuaki
(87) International Publication No	: NA	3)HYODO Minoru
(61) Patent of Addition to Application Number	:NA	4)YOSHIMURA Kazuki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fuel injection valve includes: a swirl chamber; a lateral passage which is arranged to supply the fuel to the swirl chamber; and a plate member including at least the fuel injection hole, a bottom surface of the swirl chamber, and a bottom surface of the lateral passage, the plate member being joined on a tip end surface of a nozzle portion main body having the valve seat, the plate member including an abutment portion on which the tip end surface of the nozzle portion main body is abutted, and which is a flat surface, the bottom surface of the swirl chamber being inclined with respect to the flat surface of the abutment portion of the plate member, and the fuel injection hole being substantially perpendicular to the bottom surface of the swirl chamber. REFER TO FIGURE 3

No. of Pages: 71 No. of Claims: 10

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR RAPID DISASTER RECOVERY PREPARATION IN A CLOUD NETWORK

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:G06F11/07, G06F11/00 :13/372630 :14/02/2012 :U.S.A. :PCT/US2013/024335	(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant:148/152 route de la Reine F 92100 Boulogne Billancourt France (72)Name of Inventor: 1)BAUER Eric J.
Filing Date (87) International Publication No (61) Patent of Addition to Application	:01/02/2013 :WO 2013/122755	2)ADAMS Randee S. 3)EUSTACE Daniel W.
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Various embodiments provide a method and apparatus of providing a rapid disaster recovery preparation in cloud networks that proactively detects disaster events and rapidly allocates cloud resources. Rapid disaster recovery preparation may shorten the recovery time objective (RTO) by proactively growing capacity on the recovery application(s) / resource(s) before the surge of recovery traffic hits the recovery application(s) / resource(s). Furthermore rapid disaster recovery preparation may shorten RTO by growing capacity more rapidly than during "normal operation" where the capacity is increased by modest growth after the load has exceeded a utilization threshold for a period of time.

No. of Pages: 35 No. of Claims: 10

(21) Application No.6341/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ELECTRIC VEHICLE

(51) International classification	:B60K23/04,	(71)Name of Applicant:
(31) Priority Document No	:2012016163	1)NTN CORPORATION
(32) Priority Date	:30/01/2012	Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku
(33) Name of priority country	:Japan	Osaka shi Osaka 5500003 Japan
(86) International Application No	:PCT/JP2013/050912	(72)Name of Inventor:
Filing Date	:18/01/2013	1)MAKINO Tomoaki
(87) International Publication No	:WO 2013/114969	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

LRProvided is an electric vehicle which is capable of automatically correcting output torque during vehicle travel even if there is a difference in output characteristics between two traveling motors (6 6) for independently driving left and right drive wheels (2) and which is capable of achieving satisfactory vehicle travel performance even if the manufacturing and assembly accuracy of the motor components and the compatibility level with the inverter devices (22) are low. This electric vehicle is provided with: two traveling motors; a torque command means (23) for outputting a torque command value for the traveling motors; a torque difference occurrence determination means (31) for determining whether there is a difference between the actual driving force (T T) of the left and right drive wheels (2) irrespective of whether the torque command means imparted the same torque command value to the two traveling motors; and a driving force difference reduction means (32) for implementing control during vehicle travel to reduce the driving force difference in cases when the torque difference occurrence determination means determines that the driving force difference between the left and right drive wheels is equal to or above a set value.

No. of Pages: 30 No. of Claims: 8

(21) Application No.5334/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: INTRAOCULAR PRESSURE MONITORING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:03/01/2011 :WO 2011/083105 :NA :NA	(71)Name of Applicant: 1)SENSIMED SA Address of Applicant:ROUTE DE CHAVANNES 37, CH- 1007 LAUSANNE, SWITZERLAND Switzerland (72)Name of Inventor: 1)CERBONI, SACHA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Intraocular pressure monitoring device comprising a soft contact lens (1) and a pressure sensor united with the contact lens (1), the pressure sensor comprising an active strain gage (2), a passive gage (3), a rigid element (4) and a microprocessor (5). The active strain gage (2), passive gage (3) and rigid element (4) are placed at a distance from the center (C) of the contact lens, the active strain gage (2) comprising a portion encircling the center (C) of the contact lens (1) on at least $180 \hat{A}^{\circ}$, wherein the passive gage (3) and the rigid element (4) each comprise a portion encircling the center (C) of the contact lens (1) on at least $180 \hat{A}^{\circ}$, and wherein the portion of the passive gage (3) situated around the center (C) of the contact lens (1) is placed in immediate vicinity of the portion of the rigid element (4) situated around the center (C) of the contact lens (1). Kit comprising such a pressure monitoring device and a portable recording device (6) configured for communicating with the pressure monitoring device and for storing data received from it. Intraocular pressure monitoring system comprising such a kit and a computing device (7) configured for communicating with the portable recording device (6) for receiving and/or processing and/or storing data received from the portable recording device (6).

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

(21) Application No.6356/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: A DEVICE FOR CONTROLLING A CLAMPING FORCE

:NA

:NA

(51) International classification	:F16D59/02,B66B5/18,B66D5/24	(71)Name of Applicant:
(31) Priority Document No	:PA 2012 00069	1)HARBO & HINTZE S.M.B.A.
(32) Priority Date	:25/01/2012	Address of Applicant :PrÃ stevÃ nget 6 DK 5610 Assens
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2013/000012	(72)Name of Inventor: 1)JENSEN Tommy Sand
Filing Date	:25/01/2013	2)LARSEN Anders Harbo
(87) International Publication No	:WO 2013/110275	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	

(57) Abstract:

Filing Date

Number

The invention relates to a clamp (10 11) with a tripping mechanism (12 13 14 15 16 17) in which the force for ensuring safe tripping is obtained via a compound lever mechanism (2 3 4 5 6 8) directly from the energy storage element (S) such as a spring that provides the clamping force.

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

(62) Divisional to Application

(21) Application No.6357/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FILTER CARTRIDGE FOR A REDUCING AGENT DELIVERY DEVICE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B01D35/14,B01D29/11 :10 2012 003 121.1 :16/02/2012 :Germany :PCT/EP2013/053090	(71)Name of Applicant: 1)EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH Address of Applicant :Hauptstraße 128 53797 Lohmar Germany
Filing Date	:15/02/2013	(72)Name of Inventor :
(87) International Publication No(61) Patent of Addition to Application	:WO 2013/121004	1)MAGUIN Georges
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a filter cartridge (1) for a delivery device (2) for a reducing agent having at least one filter wall (3) and at least one supporting wall (4) which together with the filter wall (3) forms an interior space (15) wherein the at least one supporting wall (4) has an outflow opening (8) and a bypass opening (10) wherein the outflow opening (8) can be coupled to the delivery device (2) and the bypass opening (10) forms a bypass to the filter wall (3).

No. of Pages: 24 No. of Claims: 9

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: LAWFUL INTERCEPTION OF ENCRYPTED COMMUNICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04L29/06 :1202058.2 :07/02/2012 :U.K. :PCT/EP2012/057788 :27/04/2012 :WO 2013/117243 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)NÃ,SLUND Mats 2)IOVIENO Maurizio 3)NORRMAN Karl
ĕ	:NA :NA	

(57) Abstract:

A method and apparatus for providing access to an encrypted communication between a sending node and a receiving node to a Law Enforcement Agency (LEA). A Key Management Server (KMS) function stores cryptographic information used to encrypt the communication at a database. The cryptographic information is associated with an identifier used to identify the encrypted communication between the sending node and the receiving node. The KMS receives a request for Lawful Interception the request including an identity of a Lawful Interception target. The KMS uses the target identity to determine the identifier and retrieves the cryptographic information associated with the identifier from the database. The cryptographic information can be used to decrypt the encrypted communication. The KMS then sends either information derived from the cryptographic information or a decrypted communication towards the LEA. This allows the LEA to obtain a decrypted version of the communication.

No. of Pages: 44 No. of Claims: 18

(21) Application No.4307/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "PROCESS FOR PRODUCING INTERNAL MOLD RELEASE AGENT FOR OPTICAL MATERIAL, INTERNAL MOLD RELEASE AGENT FOR OPTICAL MATERIAL, AND POLYMERZABLE COMPOSITION INCLUDING THE SAME"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:04/11/2010 :WO 2011/055540 :NA :NA	(71)Name of Applicant: 1)MITSUI CHEMICALS, INC. Address of Applicant:5-2, HIGASHI-SHIMBASHI 1-CHOME, MINATO-KU, TOKYO 105-7117, JAPAN Japan (72)Name of Inventor: 1)NOBUO KAWATO 2)MAMORU TANAKA
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The process for producing an internal mold release agent for an optical material of the present invention includes a step of heating, to a range of $80 \mbox{\^{A}}$ °C to $140 \mbox{\^{A}}$ °C, a composition including (a) a phosphoric ester compound, and (b) an alcohol compound containing an aliphatic alcohol having 1 to 10 carbon atoms and/or aromatic alcohol, when the total amount of (a) and (b) is 100% by weight, the alcohol compound (b) is included in an amount equal to or more than 2.5% by weight.

No. of Pages: 116 No. of Claims: 13

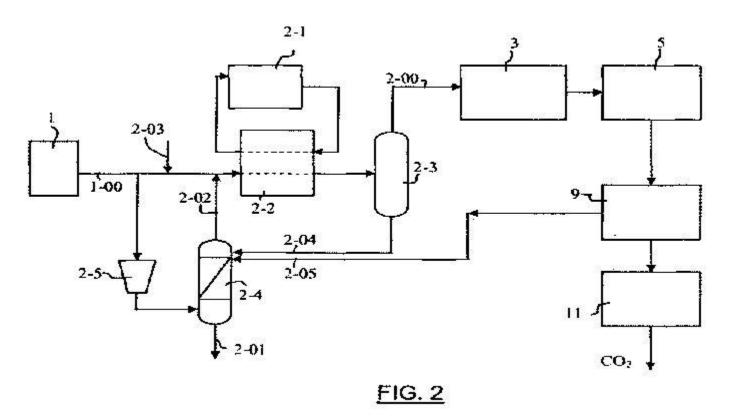
(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHOD AND APPARATUS FOR DRYING AND COMPRESSING CO2-RICH FLOW"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B01D 53/26 :0959370 :22/12/2009 :France :PCT/FR2010/052858 :21/12/2010 :WO 2011/086289 :NA :NA	(71)Name of Applicant: 1)L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE Address of Applicant: 75 QUAI D'ORSAY F-75007 PARIS, FRANCE France (72)Name of Inventor: 1)BRIGLIA ALAIN 2)DARDE ARTHUR
. ,		1 '
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a method for compressing a water-containing CO2-rich fluid wherein the CO2-rich fluid is compressed in a compressor (5) located upstream from the compression step, an antifreeze agent is injected into the water-containing CO2-rich fluid in order to lower the water solidification temperature. The antifreeze agent-containing CO2-rich fluid is frozen, water is extracted from the frozen fluid, and the frozen fluid is compressed in the compressor.



No. of Pages: 15 No. of Claims: 12

(21) Application No.4309/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHODS FOR IMPROVING THE DESIGN, BIOAVAILABILITY, AND EFFICACY OF RANDOM SEQUENCE POLYMER COMPOSITIONS VIA SERUM PROTEIN-BASED DETECTION OF RANDOM SEQUENCE POLYMER COMPOSITIONS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:G01N 33/53 :61/281,470 :17/11/2009 :U.S.A. :PCT/US2010/057108 :17/11/2010 :WO 2011/063045	(72)Name of Inventor : 1)ZANELLI ERIC
(33) Name of priority country	:U.S.A.	I'OURIETTAZ, CH-1170 AUBONNE, SWITZERLAND
(86) International Application No	:PCT/US2010/057108	Switzerland
Filing Date	:17/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/063045	1)ZANELLI ERIC
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	2)KRIEGER JEFF 3)CONNOLLY JOE 4)COLLINS KATHRYN H.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

There exist in the art methods of detecting simple peptides. However, methods to determine the effective plasma concentration of mixtures of peptides as a group, rather than for individual peptides with a defined amino acid sequence, are complicated by the heterogeneity of the peptides to be detected. This application provides improved methods of detecting and assessing random sequence polymer (RSP) compositions, methods for the detection and quantitation of RSP compositions, means to determine and enrich a subset of peptides in an RSP composition based on the subset"s interactions with certain capture polypeptides, and methods for administering RSP compositions to a subject in need thereof, wherein the dosage regimen and quantity may be determined or evaluated based on the above-mentioned methods for detection and quantitation.

No. of Pages: 79 No. of Claims: 44

(21) Application No.578/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :27/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: RETENTION DEVICE FOR A PRODUCT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F28F9/26 :14/215,740 :17/03/2014 :U.S.A. :NA :NA : NA :NA	, 8
` '		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A number of variations may include a product comprising a retention device comprising a plurality of members, including an arch member and a spring member defining multiple contact points.

No. of Pages: 34 No. of Claims: 15

(21) Application No.593/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :03/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: WIPE CONTAINER SUPPORTING MATERIAL AND WIPE DISPENSER

(51) International classification	:B65H1/00	(71)Name of Applicant :
(31) Priority Document No	:2014- 043937	1)Kikuo YAMADA Address of Applicant :Tiara Shimazuyama 305, 2-15, Higashi-
(32) Priority Date	:06/03/2014	Gotanda 1-chome, Shinagawa-ku, Tokyo 141-0022 Japan. Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Kikuo YAMADA
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:

[Subject] To offer a wipe container supporter and wipe dispenser which could extend the use forms and is excellent in handling characteristics. [Resolution means] It has provided with the seat board 11, the backboard 12 and the side plate 13 which are standing straight on the seat board 11, and the holding part for holding the wipe container 2 at least to one of the seat board 11, the backboard 12, or the side plate 13. [Selected figure] Drawing 2

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

(21) Application No.6377/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: LARGE FORMAT POLYSTYRENE PANEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/01/2013 :WO 2013/110930 :NA :NA	(71)Name of Applicant: 1)PROTOMAX PLASTICS LTD Address of Applicant:Snarlton Farm Workshops Wingfield Trowbridge Wiltshire BA14 9LH U.K. (72)Name of Inventor: 1)STILLWELL Nicholas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A panel (10) for use in furniture and interior design applications comprises a continuous outer skin (12) formed of polystyrene or high impact polystyrene. The skin (12) completely encapsulates a cellular plastic core (14). The core (14) is formed from a heat activated foamable plastic particulate material. The area of the largest face of the panel is greater than 1m. Both skin and filler material may comprise recycled plastics.

No. of Pages: 14 No. of Claims: 10

(21) Application No.6370/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR TRANSPORTING A CURVED WIND TURBINE BLADE AND ASSOCIATED TRANSPORTATION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60P3/40,F03D1/00 :61/581342 :29/12/2011 :U.S.A. :PCT/DK2012/050485 :20/12/2012 :WO 2013/097858 :NA :NA	(71)Name of Applicant: 1)VESTAS WIND SYSTEMS A/S Address of Applicant: Hedeager 44 DK 8200 Aarhus N Denmark (72)Name of Inventor: 1)RANDALL Stephen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method of transporting a wind turbine blade with a curved central longitudinal axis includes loading the wind turbine blade onto a transportation device including first and second support bearings. The wind turbine blade is loaded in a first orientation in which the curved central longitudinal axis is located in a generally vertical plane. When the transportation device is preparing to turn the wind turbine blade is rotated to a second orientation before or during turning such that the curved central longitudinal axis is located in a generally horizontal plane and bends around the turn. As a result the curved wind turbine blade and transportation device can traverse tighter curves and turns during travel to an assembly site or quayside.

No. of Pages: 49 No. of Claims: 29

(21) Application No.6371/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: HEATED INSOLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A43B3/00 :61/581782 :30/12/2011 :U.S.A. :PCT/US2012/071797 :27/12/2012 :WO 2013/101920 :NA :NA	(71)Name of Applicant: 1)THE SCHAWBEL CORPORATION Address of Applicant:26 Crosby Drive Bedford MA 01730 U.S.A. (72)Name of Inventor: 1)WHITEHEAD Ian 2)LYNCH James K. 3)SHAPIRO Stephen J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An efficient system to heat the insole of a heated insole of a shoe in which the Intelligent Circuit (IC) for a flat lithium battery is located outside the shoe and the placement of the heater for the insole is between more efficient heat insulation and heat conducting members.

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

(22) Date of filing of Application :29/07/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: HOT ROLLED STEEL SHEET AND MANUFACTURING METHOD FOR SAME

(51) International classification:C22C38/00,C21D9/46,C22C38/14 (71)Name of Applicant:

(31) Priority Document No :2012004554 (32) Priority Date :13/01/2012

(33) Name of priority country: Japan

(86) International Application :PCT/JP2013/050134

No

:08/01/2013 Filing Date

(87) International Publication

:WO 2013/105555

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)NIPPON STEEL & SUMITOMO METAL

CORPORATION

Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku

Tokyo 1008071 Japan (72) Name of Inventor:

1)SAKURADA Eisaku 2)HAYASHI Kunio 3)SATO Koichi

4)HIWATASHI Shunji

(57) Abstract:

A hot rolled steel sheet comprises in mass% 0.030 0.120% of C at most 1.20% of Si 1.00 3.00% of Mn 0.01 0.70% of Al 0.05 0.20% of Ti 0.01 0.10% of Nb at most 0.020% of P at most 0.010% of S and at most 0.005% of N with the remainder consisting of Fe and impurities wherein: 0.106=(C% Ti%*12/48 Nb%*12/93)=0.012; the {112}(110) pole density is at most 5.7 at a depth of 1/4 of the thickness of the steel sheet; the aspect ratio (long axis/short axis) of prior austenite grains is 5.3 or less; the deposition density of (Ti Nb) C having a size of 20nm or less is at least 10 pieces/mm; the yield ratio (YR) which is the ratio of the tensile strength to the yield stress is at least 0.80; and the tensile strength is at least 590Mpa.

No. of Pages: 42 No. of Claims: 4

(21) Application No.6373/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: HEATED MOIST TOWELETTE AND METHOD FOR PRODUCING HEATED MOIST TOWELETTE

(51) International (71) Name of Applicant: :A01N43/90,A01N31/16,A01N59/00 classification 1) VB JAPAN TECHNOLOGY Co. LTD. Address of Applicant: 1 12 3 Izumi Kunitachi shi Tokyo (31) Priority Document No :2012017500 (32) Priority Date :31/01/2012 1860012 Japan (72)Name of Inventor: (33) Name of priority :Japan country 1)DAN Katsuaki (86) International 2)YAMASE Toshihiro :PCT/JP2013/051470 3)ICHIKAWA Hiromichi Application No :24/01/2013 Filing Date (87) International :WO 2013/115061 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(57) Abstract:

The present invention is caused to contain in the base material thereof a composition containing VOSO KH[(VO)(SbWO)] Na[SbWO] oxacillin and 5 chloro 2 (2 4 dichlorophenoxy)phenol.

No. of Pages: 41 No. of Claims: 3

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PROCESS FOR PURGING PROPANE IN A POLYPROPYLENE MANUFACTURING PROCESS

(31) Priority Document No :12152650.3 (32) Priority Date :26/01/2012 (33) Name of priority country :EPO

:24/01/2013

:WO 2013/110718

(86) International Application :PCT/EP2013/051362

No

Filing Date (87) International Publication

(8/) International Publication
No

(61) Patent of Addition to
Application Number
Filing Date
((2) Divisional to Application

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

(51) International classification: C08F6/00,B01D53/22,B01J19/24 (71)Name of Applicant:

1)TOTAL RESEARCH & TECHNOLOGY FELUY
Address of Applicant :Zone Industrielle C B 7181 Seneffe

Belgium

(72)Name of Inventor:
1)JANSSENS Els
2)AVAULLEE Laurent
3)RICHET Marc

(57) Abstract:

The present invention relates to the purging of propane in a polypropylene manufacturing process comprising a) polymerizing propylene in a polymerization zone b) withdrawing from said polymerization zone an effluent comprising polypropylene propylene propane and optionally a solvent c) sending said effluent to a separation zone thereby producing polypropylene optionally the solvent and a stream comprising propylene and propane d) optionally recycling the solvent to the polymerization zone e) sending said propylene and propane stream to a splitter thereby producing an overhead consisting essentially of propylene recycled to the polymerization zone and a rich propane bottom stream comprising a minor part of propylene f) sending the bottom stream to a membrane separation zone thereby producing a permeate having an enhanced propylene content and a reduced propane content and a purge having an enhanced propane content and a reduced propylene content g) recycling the permeate to the polymerization zone. In an embodiment the bottom stream produced in the splitter of stepe) is washed in a scrubber to remove contaminants and the overhead of said scrubber is sent to the membrane separation zone. The present invention is also the debottlenecking of a polypropylene manufacturing facility comprising a polymerization zone a separation zone to recover the polypropylene optionally the solvent and a stream comprising propylene and propane and a splitter to separate propane and propylene wherein a membrane separation zone is provided said membrane separation zone is fed with the splitter bottom thereby producing a purge and a permeate recycled to the polymerization zone. In an embodiment a scrubber is inserted between the splitter bottoms and the membrane separation zone stream to wash the splitter bottom stream to remove contaminants and the overhead of said scrubber is sent to the membrane separation zone.

No. of Pages: 28 No. of Claims: 8

(21) Application No.4304/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "HUMAN IL-23 ANTIGEN BINDING PROTEINS"

(57) Abstract:

Antigen binding proteins that bind to human IL-23 protein are provided. Nucleic acids encoding the antigen binding protein, vectors, and cells encoding the same as well as use of IL-23 antigen binding proteins for diagnostic and therapeutic purposes are also provided.

No. of Pages: 77 No. of Claims: 69

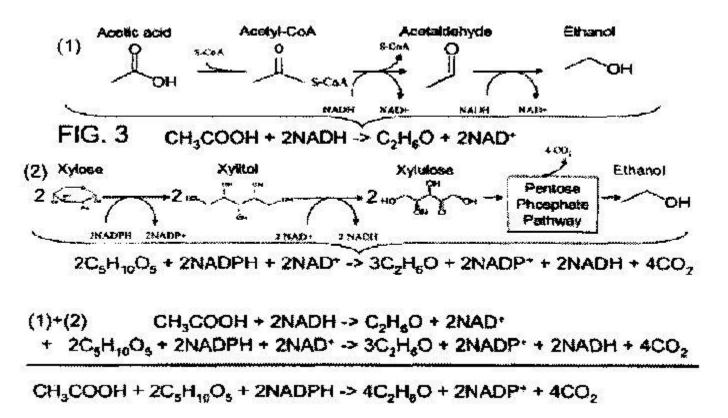
(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "METHODS AND APPARATUS FOR PRODUCING RENEWABLE MATERIALS FROM INHIBITING COMPOUNDS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C12P 7/06 :12/630,577 :03/12/2009 :U.S.A. :PCT/US2010/057637 :22/11/2010 :WO 2011/068708 :NA :NA	(71)Name of Applicant: 1)BP CORPORATION NORTH AMERICA INC. Address of Applicant:501 WESTLAKE PARK BOULEVARD, HOUSTON, TX 77079, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)BORDEN, JACOB
(86) International Application No Filing Date(87) International Publication No(61) Patent of Addition to ApplicationNumber	:PCT/US2010/057637 :22/11/2010 :WO 2011/068708 :NA	AMERICA U.S.A. (72)Name of Inventor:

(57) Abstract:

Renewable materials made from inhibiting compounds. A method includes the step of consuming a fermentation inhibiting compound with a biological organism, and the step of producing a renewable material with the biological organism from at least a portion of the fermentation inhibiting compound. The methods may include a net balance of cofactor production and consumption.



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

(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "HYDROPHILIC/LIPOPHILIC MODIFIED POLYSILOXANES AS EMULSIFIERS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G 77/14 :102009047077.8 :24/11/2009 :Germany :PCT/EP2010/068131 :24/11/2010 :WO 2011/064255 :NA :NA	(71)Name of Applicant: 1)MOMENTIVE PERFORMANCE MATERIALS GMBH Address of Applicant: KAISER-WILHELM-ALLEE, GEBAUDE V7, 51 368 LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)WAGNER, ROLAND 2)SIMON, WALTER 3)KROPFGANS, MARTIN 4)NIENSTEDT, SABINE 5)SCHNERING, ALBERT 6)STREICHER, KATHARINA 7)SOCKEL, KARL-HEINZ 8)MAASS, SEBASTIAN
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(57) Abstract:

The invention concerns polysiloxane compounds as W/O-emulsifiers, in textile softeners, antifoams, foam stabilizers and agriculture chemicals, in particular as W/O-emulsifiers for cosmetic uses.

No. of Pages: 98 No. of Claims: 22

(21) Application No.6382/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: EYEWEAR DOCKING STATION AND ELECTRONIC MODULE

(51) International classification	:G02C11/00,G02C11/06	(71)Name of Applicant:
(31) Priority Document No	:61/583940	1)HPO ASSETS LLC
(32) Priority Date	:06/01/2012	Address of Applicant :312 Farmington Ave. Farmington CT
(33) Name of priority country	:U.S.A.	06032 U.S.A.
(86) International Application No	:PCT/US2013/020571	(72)Name of Inventor:
Filing Date	:07/01/2013	1)BLUM Ronald
(87) International Publication No	:WO 2013/103985	2)WANG Yongping
(61) Patent of Addition to Application	:NA	3)GRAHAM Mark
Number	:NA	4)KOKONASKI William
Filing Date	.1171	5)CLOMPUS Richard
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An eyewear system including an eyewear frame and an application module. The eyewear frame including a docking station and an electronic connector including a first set of preconfigured application connection points. The application module adapted to be mounted to the docking station and including an electronic device configured to perform a function and a second set of preconfigured application connection points corresponding to at least some of the first set of preconfigured application connection points. The second set of preconfigured application connection points including at least two different sub function connections used to support the function of the electronic device.

No. of Pages: 55 No. of Claims: 22

(21) Application No.6384/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: CORROSION CONTROL IN AND SELENIUM REMOVAL FROM FLUE GAS WET SCRUBBER **SYSTEMS**

(51) International :B01D53/14,B01D53/78,B01D53/79

classification (31) Priority Document No

:13/366441

(32) Priority Date

:06/02/2012

(33) Name of priority country:U.S.A. (86) International

:PCT/US2013/024735

Application No

:05/02/2013

Filing Date

(87) International Publication :WO 2013/119544

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

Filing Date

:NA

(62) Divisional to **Application Number**

:NA :NA

Filing Date

(71)Name of Applicant: 1)NALCO COMPANY

Address of Applicant :1601 W Diehl Road Naperville Illinois

60563 1198 U.S.A.

(72) Name of Inventor:

1)KEISER Bruce A.

2)SHAH Jitendra T.

3)MEIER John V.

4)ZINN Paul J.

5)YUAN Jianwei

6)ESPINOSA Raul

7)STILES Rebecca L.

8)MIMMA Richard

9) CARLSON Wayne M.

(57) Abstract:

A method and composition for the reduction of the emission of selenium into the environment from the burning of fossil fuels with the use of two chemistries either individually or in combination with each other. The method uses polydithiocarbamic compounds including polydithiocarbamic compounds derived from a polymer produced from acrylic x and alkylamine in conjunction with a scrubber process to capture selenium and reduce its emission in aqueous phase blowdown. The method and composition also helps reduce corrosion in the scrubber process.

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

(21) Application No.6385/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: BRAKING DEVICE FOR A VEHICLE AND METHOD FOR OPERATING A BRAKING DEVICE OF A VEHICLE

(51) International classification :B60T7/04,B60T8/40,B60T11/20 (71) Name of Applicant:

(31) Priority Document No :10 2012 202 201.5

(32) Priority Date :14/02/2012 (33) Name of priority country :Germany

(86) International Application :PCT/EP2012/075725

:17/12/2012 Filing Date

(87) International Publication No:WO 2013/120562

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

1)WEIBERLE Reinhard 2)KISTNER Matthias

(57) Abstract:

The invention relates to a braking device for a vehicle comprising a main brake cylinder (10) having a first primary piston chamber (12) that can be varied by an adjustable first primary piston component (14) a braking force transmission component (16) by means of which at least one driver braking force can be transmitted to the adjustable first primary piston chamber (14) with which the braking force transmission component (16) makes contact and an adjustable second primary piston component (20) wherein the main brake cylinder (10) has a second primary piston chamber (18) that can be varied by means of the adjustable second primary piston component (20) and the braking device has a booster force transmission component (22) by means of which a booster force provided by the actuator device can be transmitted at least partially to the adjustable second primary piston component with which the booster force transmission component (22) makes contact and wherein the braking force transmission component (16) when in the force free initial position thereof is spaced apart from the first primary piston component (14) by a first idle travel (L1) and/or the booster force transmission component (22) when in the force free initial position thereof is spaced apart from the second primary piston component (20 by a second idle travel (L2). The invention further relates to methods for operating a braking device.

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

(22) Date of filing of Application :29/07/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: PRINTING SYSTEM AND PRINTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/03/2013 :WO 2013/145766 :NA :NA	(71)Name of Applicant: 1)SEIKO EPSON CORPORATION Address of Applicant: 4 1 Nishi shinjuku 2 chome Shinjuku ku Tokyo 1630811 Japan (72)Name of Inventor: 1)NOBUTANI Tsutomu
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.6378/DELNP/2014 A

(57) Abstract:

(19) INDIA

Provided is a printing system in which a setting for an information terminal is easy when POS application software that runs on a server is used from the information terminal. A POS system comprises: the server on which the POS application software runs; the information terminal; and a printer connected so as to enable communication with the server via the Internet. The printer is provided with: a local communication unit that establishes communication with the information terminal; a communication relay unit that connects the information terminal and the server so as to enable communication therebetween; a setting information acquisition unit that acquires setting information that from the server sets the POS application software; and an application setting unit that on the basis of the setting information sets the POS application software and lets the POS application software be used from the information terminal.

No. of Pages: 59 No. of Claims: 20

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: COVER FOR AN INGREDIENT INLET WITH MOISTURE MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A47J31/44 :12157251.5 :28/02/2012 :EPO :PCT/EP2013/054006 :28/02/2013 :WO 2013/127906 :NA :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestlé 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)MÃ-RI Peter 2)BESSON François 3)CAHEN Antoine
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(57) Abstract:

A machine (1) for preparing a beverage from at least one ingredient (2) comprises: an ingredient processing module (30); an ingredient passage (40) for inserting an ingredient from outside such machine into the ingredient processing module; and a cover (10) that is movable between a position covering the ingredient passage and a position uncovering the ingredient passage. The cover (10) is slidable in particular translationally and/or manually slidable from the covering to the uncovering positions and/or vice versa. The cover (10) is associated with at least one fluid escape opening (10a 10b 10b) through which vapour and/or steam can escape from the passage (40) when the cover is in the covering position.

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

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BEVERAGE PREPARATION MACHINE WITH DROP MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/02/2013 :WO 2013/127907 :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestlé 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)MÃ−RI Peter 2)KOLLEP Alexandre 3)BESSON François
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A machine (1) for preparing a beverage (4) comprises a frame (2) and abeverage preparation module(9) supported by the frame the module(9) having a part (10) that is movable relative to the frame between: a transfer position for introducing a beverage ingredient into the module(9) and/or removing the ingredient therefrom; and a processing position for forming the beverage from the ingredient in the module. The beverage preparation module further has a beverage outlet (11) for dispensing the formed beverage (4) to a beverage dispensing area (4) for receiving a user recipient for collecting the beverage (4). The frame (2) further supports a guide (20) configured to drain and deliver liquidresidues (3) from the beverage outlet (11) to a service area (3) separate from the dispensing area (4) so that the residues (3) are inhibited from being drained from the beverage outlet (11) to thebeverage dispensing area (4). Figure

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

(21) Application No.6381/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INTEGRAL MOLTEN SALT REACTOR

(51) International classification (31) Priority Document No	:G21C1/22 :61/633071	(71)Name of Applicant: 1)TERRESTRIAL ENERGY INC.
(32) Priority Date	:06/02/2012	Address of Applicant :2425 Matheson Blvd. E 8th Floor
(33) Name of priority country	:U.S.A.	Mlssissauga ON L4W 5K4 Canada
(86) International Application No	:PCT/CA2013/050090	(72)Name of Inventor:
Filing Date	:06/02/2013	1)LEBLANC David
(87) International Publication No	:WO 2013/116942	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

The present relates to the integration of the primary functional elements of graphite moderator and reactor vessel and/or primary heat exchangers and/or control rods into an integral molten salt nuclear reactor (IMSR). Once the design life of the IMSR is reached for example in the range of 3 to 10 years it is disconnected removed and replaced as a unit. The spent IMSR functions as the medium or long term storage of the radioactive graphite and/or heat exchangers and/or control rods and/or fuel salt contained in the vessel of the IMSR.

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

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHODS AND DEVICES FOR FABRICATING AND ASSEMBLING PRINTABLE SEMICONDUCTOR ELEMENTS

(51) International classification :H01L31/18 (31) Priority Document No :60/577,077 (32) Priority Date :04/06/2004 (33) Name of priority country :U.S.A. :PCT/US2005/019354 (86) International Application No Filing Date :02/06/2005 (87) International Publication No : NA (61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number Filed on

:7581/DELNP/2006 :14/12/2006 (71)Name of Applicant:

1)THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Address of Applicant :352 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801, United States of America. U.S.A.

(72)Name of Inventor: 1)NUZZO, Ralph, G. 2)ROGERS, John, A. 3)MENARD, Etienne

4)LEE, Keon Jae 5)KHANG, Dahl-Young

6)SUN, Yugang 7)MEITL, Matthew 8)ZHU, Zhengtao

(57) Abstract:

The invention provides methods and devices for fabricating printable semiconductor elements and assembling printable semiconductor elements onto substrate surfaces. Methods, devices and device components of the present invention are capable of generating a wide range of flexible electronic and optoelectronic devices and arrays of devices on substrates comprising polymeric materials. The present invention also provides stretchable semiconductor structures and stretchable electronic devices capable of good performance in stretched configurations.

No. of Pages: 190 No. of Claims: 54

(21) Application No.6347/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : COMPOSITION AND ASSOCIATION OF SUNSCREENS FOR PHOTOSTABILIZING BUTYL METHOXYDIBENZOYLMETHANE (BMDBM)

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K8/49 :PCT/FR2012/050202 :31/01/2012 :France :PCT/EP2013/051777 :30/01/2013 :WO 2013/113746 :NA :NA :NA	(71)Name of Applicant: 1)PIERRE FABRE DERMO COSMETIQUE Address of Applicant: 45 place Abel Gance F 92100 Boulogne Billancourt France (72)Name of Inventor: 1)PERIER Valérie 2)DROMIGNY HéIÃ"ne
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(57) Abstract:

The present invention concerns a composition containing a photostabilized combination of Butyl Methoxydibenzoylmethane (BMDBM) Bis Ethylhexyloxyphenol Methoxyphenyl Triazine (BEMT) and Methylene Bis Benzotriazolyl Tetramethylbutylphenol (MBBT) wherein: (i) the BEMT/BMDBM mass ratio is greater than or equal to 1 and preferably greater than or equal to 1.5; (ii) the content of BMDBM is comprised between 1% and 5% by weight with regard to the total weight of the composition; (iii) the quantity of MBBT is comprised between 3% and 7% by weight with regard to the total weight of the composition said combination containing no octorrylene PABA or ethylhexyl methoxycinnamate and a pharmaceutically or cosmetically acceptable excipient.

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

(21) Application No.6348/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FAT LIQUORING

(51) International classification	:C14C9/00	(71)Name of Applicant:
(31) Priority Document No	:12000556.6	1)STAHL INTERNATIONAL B.V.
(32) Priority Date	:28/01/2012	Address of Applicant :Sluisweg 10 NL 5145 PE Waalwijk
(33) Name of priority country	:EPO	Netherlands
(86) International Application No	:PCT/EP2013/000009	(72)Name of Inventor:
Filing Date	:03/01/2013	1)GAMARINO Roberta
(87) International Publication No	:WO 2013/110428	2)TRIMARCO Licia
(61) Patent of Addition to Application	:NA	3)QUAGLIERINI Maurizio
Number	:NA	4)REINEKING Klaus
Filing Date	.IVA	5)HÜTTER Klaus
(62) Divisional to Application Number	:NA	6)PACZKOWSKI Marcus
Filing Date	:NA	7)JACOBI Carola

(57) Abstract:

Use of a substituted acylaminopolyorganosiloxane (A) which is a polyorganosiloxane containing substituted acylamino groups linked to Silicon atoms of the polysiloxane skeleton via alkylene bridges or mono or oligo [alkylene amino or alkylene (substituted acylamino] alkylene bridges wherein alkylene contains 2 4 carbon atoms and the substituted acylamino groups are at least in part of formula (I) and for the remaining part are selected from substituted acylamino groups of the formulae (ii) and (iii) wherein X1 signifies hydrogen or the group SOM X2 signifies hydrogen or the group SOM with the proviso that one of X1 and X2 is SOM and the other is hydrogen R signifies C alkylene or cyclohexylene and M signifies an alkali metal or ammonium cation and compositions thereof in the presence of non ionic or/and anionic surfactants (B) as fat liquoring agents for fat liquoring of animal hides skins or pelts before during or/and after tanning the fat liquored tanned leather or pelt and its use for further processing and certain substituted acylaminopolyorganosiloxanes (?) their production and compositions.

No. of Pages: 65 No. of Claims: 34

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INDOLE DERIVATIVES AS LABELING DYE FOR BIOMOLECULE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D403/06 :61/606210 :02/03/2012 :U.S.A. :PCT/US2013/028252 :28/02/2013 :WO 2013/130761 :NA :NA :NA	(71)Name of Applicant: 1)PIERCE BIOTECHNOLOGY INC. Address of Applicant: 3747 N. Meridian Road P.O. Box 117 Rockford IL 61105 U.S.A. 2)DYOMICS Gmbh (72)Name of Inventor: 1)HERMANSON Greg 2)CZERNEY Peter T. 3)DESAI Surbhi 4)WENZEL Matthias S. 5)DWORECKI Boguslawa R 6)LEHMANN Frank G. 7)NLEND Marie Christine
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(57) Abstract:

Indole derivatives used as labels with properties comparable to known fluorescent compounds. The compounds can be conjugated to proteins and nucleic acids for biological imaging and analysis. Synthesis of the compounds formation and use of the conjugated compounds and specific nonlimiting examples of each are provided.

No. of Pages: 216 No. of Claims: 15

(21) Application No.6661/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: WORK VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:24/04/2014 :WO 2014/192474 :NA :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)TAKAURA Takeshi 2)KAMI Yoshiki 3)KITAJIMA Jin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a work vehicle in which the occurrence of sudden movement of a work machine can be prevented. This work vehicle comprises: a design surface information acquisition unit (202) that acquires data on a design surface said data indicating a target shape of an object to be worked by a work machine; a cutting edge position calculation unit (204) that calculates the position of the cutting edge of a bucket; and a movement restriction unit (211) that executes movement restriction control for forcibly raising a boom and restricting the position of the cutting edge to a position above the design surface in accordance with the relative position between the design surface and the position of the cutting edge of the bucket. The movement restriction unit (211) performs control such that said movement restriction control is not executed in a state where the cutting edge is separated from the design surface in the vertically downward direction by a predetermined distance or greater.

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

(21) Application No.3807/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :19/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: APPARATUS AND METHOD FOR ENDLESS ROLLING

D21D25/06	
	(71)Name of Applicant :
:KR 10-	1)POSCO
2013-	Address of Applicant :(Goedong-dong) 6261, Donghaean-ro,
0161082	Nam-gu, Pohang-si, Gyeongsangbuk-do, Republic of Korea
:23/12/2013	Republic of Korea
:Republic	(72)Name of Inventor:
of Korea	1)BAN, Sung-Jun
:NA	2)LEE, Duk-Man
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	:KR 10- 2013- 0161082 :23/12/2013 :Republic of Korea :NA :NA :NA :NA

(57) Abstract:

An apparatus and a method for endless rolling include a finishing rolling unit rolling a steel sheet to a target thickness using as many rolling stands from among a plurality of rolling stands as set by a control signal to be input; and a control unit setting a rolling stand number based on the target thickness to be input, and generating the control signal corresponding to the rolling stand number.

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

(21) Application No.447/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :17/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: BRAZED HEAT EXCHANGER

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :	F28D9/00 102014002407 20/02/2014 Germany NA NA NA NA NA	(71)Name of Applicant: 1)Modine Manufacturing Company Address of Applicant: 1500 DeKoven Avenue Racine, WI 53403-2552 United States of America U.S.A. (72)Name of Inventor: 1)Daniel Kühbauch 2)Jürgen Zeitlinger
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(57) Abstract:

The invention relates to a brazed heat exchanger, having a block (1) consisting of flat tubes (2) and fins (3), having header tubes (4) arranged at opposite ends of the flat tubes (2) and having an additional tube (5), which is connected to one of the header tubes (4). To reduce brazing defects, provision is made according to the invention for at least a significant part of an outer surface (50, 40) of the additional tube (5) and/or of the header tubes (4) to be of enlarged design. Fig. 1

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

(22) Date of filing of Application :24/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: CLUTCH LINING HAVING HIGH MECHANICAL STRENGTH AFTER THERMAL ABUSE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:1451751	1)VALEO MATERIAUX DE FRICTION
(32) Priority Date	:04/03/2014	Address of Applicant :Rue Barthélemy Thimonnier, BP
(33) Name of priority country	:France	1532, 87020 Limoges Cedex 09, France, France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GERARD BOYER
(87) International Publication No	: NA	2)PASCAL DEGERY
(61) Patent of Addition to Application Number	:NA	3)EMMANUEL BONNET
Filing Date	:NA	4)JEAN DIJOUX
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Dry friction lining for a motor vehicle clutch device, comprising a friction layer and a support portion compilising, on the one hand, a binder comprising a resin, an elastomer and a filler, and, on the other hand, a reinforcing yarn (10) extending over several turns around a central axis perpendicular to the friction face, this yarn comprising a carbon elementary yarn formed by a plurality of long elementary carbon fibres, and preferably an organic elementary yarn of multifibre type, this reinforcing yarn (10) being configured in order to form by itself a mesh of the support layer. Fig. 2

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

(21) Application No.539/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :25/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR FORMING SPACER LEVELS OF A COUNTER FLOW ENERGY EXCHANGE ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F28D17/02 :14/230,682 :31/03/2014 :U.S.A. :NA :NA :NA	/
• /		, , , , , , , , , , , , , , , , , , ,
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A counter flow air-to-air energy exchange assembly may include a plurality of air channel levels configured to allow air to pass therethrough. Each of the air channels may include a spacer layer having a plurality of modular spacer components secured together. At least two of the modular spacer components are identical in size and shape. The spacer layer includes a plurality of air channels. Each of the plurality of air channels extends from an air inlet to an air outlet.

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

(21) Application No.671/DEL/2015 A

(19) INDIA

(22) Date of filing of Application: 12/03/2015 (43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD FOR CONTROL OF A WELDING CURRENT SOURCE

(F1) Y	D221 /0/10	
(51) International classification	:B23K9/10	(71)Name of Applicant :
(31) Priority Document No	:10 2014	1)Lorch Schweisstechnik GmbH
(31) I Hority Document No	104 639.0	Address of Applicant :Im Anwaender 24-26 71549 Auenwald
(32) Priority Date	:02/04/2014	Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)AIGNER, Hubert
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 control of a welding current source with a serial/parallel resonant converter, a bridge circuit and a control unit, the bridge circuit supplying the resonant converter with power and comprising a first bridge branch with first and second switching elements arranged in series with one another and a second bridge branch connected in parallel to the first bridge branch and with third and fourth switching elements arranged in series with one another and the switching elements being controlled by the control unit in accordance with a succession of switching states stored in the control unit which are specified by a positive drive phase, a first freewheel phase, a negative drive phase and a second freewheel phase, the start of a drive phase being defined by a switchover of the first and second switching elements and the end of a drive phase being defined by a switchover of the third and fourth switching elements and, in a first control mode, the switching frequency of the switching elements being dependent on the frequency of the resonant converter current. In order to be able to provide both very high and very low output currents, the invention proposes that, in a second control mode, the frequency of the switching elements is reduced by an integral factor compared with the switching frequency of the first control mode.

No. of Pages: 24 No. of Claims: 9

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD FOR THE 3 DIMENSIONAL MEASUREMENT OF A SAMPLE WITH A MEASURING SYSTEM COMPRISING A LASER SCANNING MICROSCOPE AND SUCH MEASURING SYSTEM

(51) International classification	:G06F3/01	(71)Name of Applicant :
	:P1100728	
(31) Priority Document No		1)FEMTONICS KFT.
(32) Priority Date	:28/12/2011	Address of Applicant :TÃ ¹ / ₄ zoltÃ ³ utca 59. H 1094 Budapest
(33) Name of priority country	:Hungary	Hungary
(86) International Application No	:PCT/HU2012/000002	(72)Name of Inventor:
Filing Date	:05/01/2012	1)RÓZSA BalÃ;zs
(87) International Publication No	:WO 2013/098567	2)KATONA Gergely
(61) Patent of Addition to Application	:NA	3)CSIKOR Ferenc
Number		4)MAÕK Pál
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for the 3 dimensional measurement of a sample with a measuring system having a 3 dimensional measuring space and comprising a laser scanning microscope characterised by providing the measuring system with a 3 dimensional virtual reality device creating the 3 dimensional virtual space of the measuring space using the 3 dimensional virtual reality device allowing for selecting an operation in the virtual space providing real time unidirectional or bidirectional connection between the measuring space and the virtual space such that an operation selected in the virtual space is performed in the measuring space and data measured in the measuring space is displayed in the virtual space. The invention further relates to a measuring system for the 3 dimensional measurement of a sample the measuring system having a 3 dimensional measuring space and comprising a laser scanning microscope characterised by further comprising a 3 dimensional virtual reality device for displaying a 3 dimensional virtual space of the measuring space and a real time unidirectional or bidirectional connection is provided between the laser scanning microscope and the 3 dimensional virtual reality device.

No. of Pages: 27 No. of Claims: 28

(21) Application No.6293/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: NON HYDRAULIC FRACTURING SYSTEMS METHODS AND PROCESSES

(51) International classification :E21B43/16,E21B43/12,E21B43/25

(31) Priority Document No :13/358820 (32) Priority Date :26/01/2012

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

(86) International Application :PCT/US2013/022884

No Filing Date :24/01/2013

(87) International Publication

:WO 2013/112681

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

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date

(71) Name of Applicant:

1)EXPANSION ENERGY LLC

Address of Applicant :26 Leroy Avenue Tarrytown NY 10591

U.S.A.

(72) Name of Inventor:

1)VANDOR David

(57) Abstract:

Methods and systems of fracturing subterranean formations to are provided comprising pumping metacritical phase natural gas into a subterranean formation to create or extend one or more fissures in the formation. Methods and systems may further comprise maintaining or increasing pressure of the metacritical phase natural gas in the formation by pumping more metacritical phase natural gas into the fissures to hold the fissures open. Methods and systems may further comprise delivering a proppant into the subterranean formation. Disclosed methods and systems may be used to extract hydrocarbons from subterranean formations without the use of liquids.

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

(21) Application No.676/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :12/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: WATER FILTRATION APPARATUS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	1404495.2 13/03/2014 U.K.	(71)Name of Applicant: 1)GOFLOW PTE LTD Address of Applicant:510 Thomson Road, SLF Building #11- 00, Singapore 298135, Singapore Singapore (72)Name of Inventor: 1)ONG, Tze Boon 2)ONG, Tze Guan
--	---------------------------------	--

(57) Abstract:

The present invention relates broadly to a water filtration apparatus, a kit of parts for assembling a water filtration apparatus, and a method of assembling a water filtration apparatus. The water filtration apparatus comprises a freestanding frame adapted to suspend a driving wheel of a bicycle, said bicycle being removable from the freestanding frame; at least one filter cartridge mounted to the freestanding frame; and a pump mounted to the freestanding frame and adapted to move water through the filter cartridge at a predetermined pressure for filtering said water, wherein the pump is further adapted to be driven by the driving wheel of the bicycle on the freestanding frame.

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

(21) Application No.6762/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: QUICK FASTENING CLIP

(51) International classification	:B60N3/02,F16B21/07	(71)Name of Applicant :
(31) Priority Document No	:P 201000203	1)ILLINOIS TOOL WORKS INC.
(32) Priority Date	:16/02/2010	Address of Applicant :3600 West Lake Avenue Glenview
(33) Name of priority country	:Spain	Illinois 60026 U.S.A.
(86) International Application No	:PCT/US2011/024838	(72)Name of Inventor:
Filing Date	:15/02/2011	1)DÃ • EZ HERRERA VÃctor
(87) International Publication No	:WO 2011/103068	2)TEJERO SALINERO Isaac
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Quick fastening clip such as those used in the motor vehicle industry having formed therein extending from a vault like surface (5) legs (2) which by means of a fold are folded in the form of an internal extension (17) forming when both of them on each side are joined together the contact point for a retaining sill (6); having flanges (7) inclined so as to be directed approximately towards the centre of said bottom surface (5); flexible wings (3) are provided being formed by means of a fold which creates a surface (4) and by means of another fold which extends into a descending vertical zone (9) a through opening (10) with approximately vertical access is created by means of a band (11) which protrudes transversely from said descending surface (9).

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

(21) Application No.3636/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :10/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DUVET COVER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:14/102,016 :10/12/2013 :U.S.A. :NA :NA : NA : NA	
(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 duvet cover. The duvet cover includes a top panel having side edges, and a bottom panel having side edges, the top and bottom panels being joined together along their side edges, at least one of the top panel and the bottom having a generally centrally located aperture sized for insertion of a duvet. The duvet cover may include a fastener disposed around the aperture, which allows coupling with a mating fastener on the duvet. The present invention relates also to a duvet and duvet cover combination and to a kit of a duvet and duvet cover.

No. of Pages: 25 No. of Claims: 17

(21) Application No.3732/DEL/2014 A

(19) INDIA

(22) Date of filing of Application :16/12/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: MOLD VIBRATING APPARATUS FOR CONTINUOUS CASTER

(74)	D00D4444	
(51) International classification		(71)Name of Applicant :
	:KR 10-	1)POSCO
(31) Priority Document No	2013-	Address of Applicant :(Goedong-dong) 6261, Donghaean-ro,
	0160791	Nam-gu, Pohang-si, Gyeongsangbuk-do 790-300, Republic of
(32) Priority Date	:20/12/2013	Korea Republic of Korea
(22) Name of main aid	:Republic	(72)Name of Inventor:
(33) Name of priority country	of Korea	1)SHIN, Min-Chul
(86) International Application No	:NA	2)BAE, Il-Sin
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 mold vibrating apparatus for a continuous caster includes an apparatus body and a vibrating unit including at least 3 vibrating parts connected to and combined with the apparatus body and a mold of the continuous caster.

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

(21) Application No.435/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ENGINE SYSTEM AND CONTROL METHOD FOR ENGINE SYSTEM

(51) International classification	:G06F15/18 :2014-	(71)Name of Applicant: 1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(31) Priority Document No	035021	Address of Applicant :1, Toyota-cho Toyota-shi, Aichi-ken,
(32) Priority Date	:26/02/2014	471-8571, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MAKIHARA Masaki
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 engine system includes an internal combustion engine, a forced induction device, an ejector device, a blow-by gas passage, and a controller. The ejector device has a drive gas passage connected to an intake passage of the engine in a manner bypassing a compressor of the forced induction device, and an ejector arranged in the drive gas passage. The controller is adapted to execute a temperature raising control when the controller determines that condensate water is likely to freeze in the ejector device. In the temperature raising control, the controller raises intake air pressure in a downstream portion of the intake passage with respect to the compressor compared to when the controller determines that the condensate water is unlikely to freeze and adjusts an intake air amount of the engine to restrain increase of the intake air amount that would be caused by increase in the intake air pressure.

No. of Pages: 34 No. of Claims: 8

(22) Date of filing of Application :04/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : ARMATURE FOR AN ELECTRIC MOTOR AND METHOD OF MANUFACTURING AN ARMATURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:H02K1/32 :102014204165.1 :06/03/2014 :Germany :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GmbH Address of Applicant: Postfach 30 02 20, 70442 Stuttgart, Germany Germany (72)Name of Inventor: 1)KRATZER, Dietmar
(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 armature (1) for an electric motor, wherein the armature (1) has a U-shaped rotational profile within longitudinal section, wherein the armature (1) has at least one first armature sleeve (3), wherein the first armature sleeve (3) has a central molding (5), wherein on the central molding (5), a plurality of infill panels (7) is arranged, which is held axially by a sheet metal ring assembly (9) disposed likewise on the central molding (5).

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

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: NOVEL CENTROMERES AND METHODS OF USING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07H21/02 :61/297636 :22/01/2010 :U.S.A. :PCT/US2011/022168 :21/01/2011 :WO 2011/091332 :NA :NA	(71)Name of Applicant: 1)CHROMATIN INC. Address of Applicant: 3440 South Dearborn Street Suite 010 Chicago Illinois 60616 U.S.A. (72)Name of Inventor: 1)COPENHAVER Gregory P. 2)LUO Song 3)MACH Jennifer 4)PREUSS Daphne 5)RAMIREZ Rolando
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(57) Abstract:

The invention is generally related to compositions and methods related to novel centromere sequences identified in cotton and resulting recombinant DNA constructs such as minichromosomes made using such sequences. Minichromosomes with novel compositions and structures can be used for example to transform plant cells that are in turn used to generate minichromosome harboring plants. The invention is directed to products of such plants including oil and textiles. The invention is also directed to novel methods for identifying centromere sequences.

No. of Pages: 133 No. of Claims: 122

(21) Application No.6765/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: CARRIER COMPOSITION

(51) International :A61K47/22,A61K47/18,A61K47/14 classification

:2010900463 (31) Priority Document No (32) Priority Date :05/02/2010 (33) Name of priority

:Australia country

(86) International :PCT/AU2011/000122 Application No

:04/02/2011 Filing Date

(87) International :WO 2011/094822 Publication No

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

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

(71)Name of Applicant:

1)PHOSPHAGENICS LIMITED

Address of Applicant: 11 Duerdin Street Clayton VIC 3168

Australia

(72) Name of Inventor: 1)GAVIN Paul David 2)EL TAMIMY Mahmoud 3)LIBINAKI Roksan

4)MOZAFARI Mohammad Reza

(57) Abstract:

The present invention relates to a carrier composition comprising a phosphate compound of an electron transfer agent and a polar aprotic solvent. Biologically active compounds formulated with the carrier composition have been shown to have improved properties.

No. of Pages: 39 No. of Claims: 21

(21) Application No.5299/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHOD FOR PRODUCING PAVEMENTS FOR OUTDOOR FACILITIES, THE SURFACE FINISHING MATERIAL USED THEREIN, AND THE PAVEMENTS FOR OUTDOOR FACILITIES OBTAINED THEREBY"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E01C 13/04 :2009-284251 :15/12/2009 :Japan :PCT/EP2010/069314 :09/12/2010 :WO 2011/073086 :NA :NA	(71)Name of Applicant: 1)BAYER MATERIALSCIENCE AG Address of Applicant:51368 LEVERKUSEN, GERMANY Germany (72)Name of Inventor: 1)MUTSUKO DORO 2)TADAYOSHI MIKAMI 3)AKIRA HIKATA
(62) Divisional to Application Number Filing Date	:NA :NA	

⁽⁵⁷⁾ Abstract:

The present invention concerns a method for producing pavements for outdoor facilities, the surface finishing material used therein, and the pavements for

No. of Pages: 27 No. of Claims: 15

(21) Application No.544/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :25/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: FIBER CONTROL MEMBER, DRAFT DEVICE, AND SPINNING MACHINE

(51) T	D01115/20	
(51) International classification	:D01H5/20	(71)Name of Applicant :
(31) Priority Document No	:2014-	1)Murata Machinery, Ltd.
	056396	Address of Applicant :3 Minami Ochiai-cho, Kisshoin,
(32) Priority Date	:19/03/2014	Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)MORITA Akihiro
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 sliver curving section (51) adapted to curve a transportation path of a sliver (6) to be drafted by pairs of draft rollers is formed at an end portion of a fiber control member (50). A portion where the sliver curving section (51) is formed is referred to as a first end portion, and a portion (an end portion) located opposite to the sliver curving section 51 is referred to as a second end portion. A cutout (52) that has been cut out towards the first end portion is formed at the second end portion of the fiber control member (50). [Most Illustrative Drawing] FIG. 3

No. of Pages: 33 No. of Claims: 10

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: WATER DISPERSIBLE SELF CROSSLINKABLE PREPOLYMER COMPOSITON

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D303/42 :61/590847 :26/01/2012 :U.S.A. :PCT/US2013/022670 :23/01/2013 :WO 2013/112530 :NA :NA	(71)Name of Applicant: 1)LUBRIZOL ADVANCED MATERIALS INC. Address of Applicant:9911 Brecksville Road Cleveland Ohio 44141 3247 U.S.A. (72)Name of Inventor: 1)PAJERSKI Anthony D.
(61) Patent of Addition to Application	:NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides an economical route to environmentally friendly polymeric coatings with a high content of raw materials from renewable resources. These polymeric coatings offer performance characteristics that are competitive with conventional coating systems. The unique polymers on which this invention is based are copolymers of triglyceride oils such as soybean oil linseed oil or another natural oil with a vinyl compound such as an acrylate or methacrylate or a vinyl aromatic monomer. The present invention more specifically discloses a water dispersible self crosslinkable prepolymer composition which is comprised of a triglyceride oil having appended thereto (1) hydroxyl groups (2) epoxy groups (3) moieties which contain at least one aldehyde group or at least one ketone group and (4) moieties which contain at least one vinyl and/or substituted vinyl group. In one embodiment of this invention the moiety which contains at least one vinyl group is derived from maleic anhydride.

No. of Pages: 61 No. of Claims: 47

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BELT FOR ELECTRO IMPEDANCE MEASUREMENT AND METHOD USING SUCH BELT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B5/053 :116/12 :27/01/2012 :Switzerland :PCT/CH2013/000016 :28/01/2013 :WO 2013/110207 :NA :NA :NA	(71)Name of Applicant: 1)SWISSTOM AG Address of Applicant: Schulstrasse 1 CH 7302 Landquart Switzerland (72)Name of Inventor: 1)BRUNNER Josef X. 2)BÃ-HM Stephan H.
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(57) Abstract:

An electro impedance measuring belt for placing electrodes around the thorax of a patien.t comprises an array of a plurality of spaced apart electrodes (15) and a support structure (13) on which the electrodes are arranged. The support structure with the electrode array comprises two angulated legs (31) on which the electrodes are lined up the two legs spread out from an apex at an angle such that when the belt is put around the thorax of a patient the array of electrodes extends from the back of the patient where the apex of fee angulated legs is to be located essentially parallel to the ribs to the lower part of the breastbone of the patient.

No. of Pages: 40 No. of Claims: 33

(22) Date of filing of Application :02/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : A PROCESS FOR MANUFACTURING A DOPED OR NON-DOPED ZNO MATERIAL AND SAID MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07C :10305191.8 :25/02/2010 :EPO :PCT/US2011/025810 :23/02/2011 :WO/2011/106347 :NA :NA :NA	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza Corning New York 14831 USA U.S.A. (72)Name of Inventor: 1)ERIC JEAN PAUL FRANCOIS 2)GUILLAUME GUZMAN 3)PANNEERSELVAM MARUDHACHALAM
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(57) Abstract:

The present invention mainly relates to a process for manufacturing a doped or non-doped ZnO material and to the doped or non-doped ZnO material obtainable by said process. Said material shows very interesting thermoelectric properties. Said process comprises: a) mixing powders of ZnO, of at least one oxide of doping element, if any, and of at least one solid pore forming agent, said at least one solid pore forming agent, suitable to generate an open porosity, being used in a ratio, with regard to ZnO and the at least one oxide of doping element, if any, of at least 5 wt. % and having a mean size of at least 10 $\hat{A}\mu m$, to obtain a mixture, b) forming said mixture to obtain a formed green body, c) heat treating said formed green body to obtain a porous sintered body, showing an open porosity, and d) annealing said porous sintered body in an inert or reducing atmosphere.

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

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: TRACEABLE LABELING APPARATUS FOR CONTAINERS OF BIOLOGICAL PRODUCTS

(51) International classification (31) Priority Document No	:G01N35/00 :MI2012A000044	(71)Name of Applicant: 1)INPECO HOLDING LTD.
(32) Priority Date	:17/01/2012	Address of Applicant :B2 Industry Street Qormi QRM 3000
(33) Name of priority country	:Italy	Malta
(86) International Application No	:PCT/IB2013/050338	(72)Name of Inventor:
Filing Date	:14/01/2013	1)PEDRAZZINI Gianandrea
(87) International Publication No	:WO 2013/108169	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus for identifying a patient and marking containers of biological products or test tubes (13) associated with said patient before collecting said biological products to be analyzed is described comprising a high security portable hardware device (1) for processing and storing the patient s data capable of associating the patient s personal data and biometric data a reading and patient biometric recognition device (2) of said portable hardware device a personal computer (4) interacting with an operator and connected to a local communications network (50) for exchanging information with remote data storage means (3) one or more computerized labeling machines (5) of test tubes (13) each comprising a printer (11) of barcodes onto labels (10) adapted to receive printing commands after comparing expected and detected specimens (13) accommodated in a positioning and recognition device (12) supported by said labeling machine (5) and applying said labels (10) to said test tubes (13). Each of said labeling machines (5) comprises a processing and control board (6) provided with a univocal address within said local communications network (50) which can be recalled by said operator by typing into a browser of said personal computer (4) said processing and control board (6) being capable of exchanging information with said remote data storage means (3) and with said personal computer (4) and on the basis of said information as well as that received after said comparison operated by said positioning and recognition device (12) of sending said print commands to said printer (11) included in said labeling machine.

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

(21) Application No.6790/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: POLYCARBONATE RESIN AND METHOD FOR PRODUCING SAME

(87) International Publication No : NA (61) Patent of Addition to Application Number : NA (62) Divisional to Application Number : NA Filing Date : NA (62) Divisional to Application Number : NA (63) Divisional to Application Number : NA (64) Divisional to Application Number : NA (65) Divisional to Application Number : NA (66)	(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:05/02/2010 : NA :NA :NA :NA	
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(57) Abstract:

A polycarbonate resin which has a high biogenic matter content, excellent moisture absorption resistance, heat resistance, heat stability and moldability, and high surface energy, as well as a production process thereof. The polycarbonate resin contains 30 to 100 mol% of a unit represented by the following formula (1) in all the main chains and has (i) a biogenic matter content measured in accordance with ASTM D6866 05 of 25 to 100 % (ii) a specific viscosity at $20\hat{A}^{\circ}C$ of a solution prepared by dissolving 0.7 g of the resin in 100 ml of methylene chloride of 0.2 to 0.6 and (iii) an OH value of 2.5 x 103 or less.

No. of Pages: 68 No. of Claims: 18

(21) Application No.6791/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: PROCESS FOR SYNTHESIZING LAYERED OXIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:22/02/2011 :WO/2011/106295 :NA :NA :NA	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza Corning New York 14831 USA U.S.A. (72)Name of Inventor: 1)FABIAN DELORME
Filing Date	:NA	

(57) Abstract:

The present invention relates to the use of Layered Double Hydroxides (LDH) for synthesizing cobaltites, in particular Ca3Co4O9. The invention also relates to a thermoelectric material comprising Ca3Co4O9 as obtained from a LDH precursor.

No. of Pages: 16 No. of Claims: 0

(21) Application No.6792/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: NOVEL COATING SYSTEM

:A23K1/00,A23L1/00,A23L1/22 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)DSM IP ASSETS B.V. :607/10 (32) Priority Date :26/04/2010 Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen (33) Name of priority country :Switzerland Netherlands (72) Name of Inventor: (86) International Application No:PCT/EP2011/056420 Filing Date 1)DIGUET Sylvain :21/04/2011 2)LEUENBERGER Bruno (87) International Publication No: WO 2011/134887 (61) Patent of Addition to 3)LABOULFIE Fabien :NA **Application Number** 4)HÉMATI Mehrdji :NA Filing Date 5)LAMURE Alain (62) Divisional to Application :NA Number :NA Filing Date

(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: 14 No. of Claims: 16

(22) Date of filing of Application :02/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: MICELLE COMPOSITIONS AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification :A61K9/107,A61K9/51,A61K47/34

:WO 2011/110694

(31) Priority Document No :10156372.4

(32) Priority Date :12/03/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/053817

:14/03/2011

Filing Date

(87) International Publication

(61) Patent of Addition to

Application Number :NA

Application Number :NA Filing Date :NA

(62) Divisional to Application
Number
:NA

Filing Date

(71)Name of Applicant: 1)DSM IP ASSETS B.V.

Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen

Netherlands

(72)Name of Inventor:

1)LEBOUILLE Jerome George Jozeph Louis

2)KOCKELKOREN Tessa

3) VLEUGELS Leopold Franciscus Wijnandus

4)TUINIER Remco

(57) Abstract:

The present invention relates to a micelle composition comprising a hydrophobic compound and an amphiphilic block copolymer wherein the amphiphilic block copolymer consists of a hydrophobic block A and a hydrophilic block B the hydrophobic block A comprises at least one hydrophobic polymeric unit X and the hydrophilic block B comprises at least one hydrophilic polymeric unit Y whereby the X and Y blocks alternate. The present invention further relates to a process for the preparation of the micelle composition wherein the process comprises the steps of: a) dissolving the hydrophobic compound and the amphiphilic block copolymer in an organic solvent to form a solution b) adding said organic solution into an aqueous medium c) optionally repeating aforementioned steps. The micelle composition according to the present invention is useful in medical applications such as therapeutic cardiovascular applications veterinary applications food processing applications flame retardant applications coatings adhesives and cosmetics fabric/textiles industrial and art applications.

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

(21) Application No.5310/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "VISUAL COMPS BUILDER"

(51) International classification	:G06Q40/00	(71)Name of Applicant:
(31) Priority Document No	:12/653720	1)THOMSON REUTERS GLOBAL RESOURCES
(32) Priority Date	:17/12/2009	Address of Applicant :Neuhofstrasse 1 6304 Baar (CH)
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2010/003183	(72)Name of Inventor:
Filing Date	:16/12/2010	1)HORNE Matthew Donald
(87) International Publication No	:WO 2011/075168	2)MARTIN Catherine Hollenbeck
(61) Patent of Addition to Application	:NA	3)OLIGINO Dean Anthony
Number	:NA	
Filing Date	.11A	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A user enters search criteria for comparable transactions into a computer system and the computer system generates a scatter plot of deals meeting the search criteria from a transaction database. A computer cache, data tray, or "shopping cart" can be used to save relevant deals which then can be automatically incorporated into an electronically generated comps report.

No. of Pages: 21 No. of Claims: 20

(22) Date of filing of Application :26/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: COATING METHOD AND COATING DEVICE FOR METAL STRIP

(51) International classification	:B05D3/00	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)JFE STEEL CORPORATION
(31) I Hority Document No	038658	Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-
(32) Priority Date	:28/02/2014	ku, Tokyo 100-0011, Japan, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HIROYASU YUASA
Filing Date	:NA	2)HARUHIKO KUMANO
(87) International Publication No	: NA	3)SHINICHI OKUNO
(61) Patent of Addition to Application Number	:NA	4)NAOKI MATSUSAKA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A coating method for a metal strip; includes: a coating step of pressing a roll onto a surface of a running metal strip and applying paint to the surface of the running metal strip by transferring paint on a surface of the roll to the surface of the running metal strip; and a controlling step of controlling a distance between the surface of the running metal strip and the surface of the roll by applying a magnetic force to the running metal strip in an upstream side or a downstream side of the roll in a metal strip running direction.

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

(21) Application No.6333/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYNTHESIS OF AZA ACENES AS NOVEL N TYPE MATERIALS FOR ORGANIC ELECTRONICS

(51) International classification	:H01L51/00,H01L51/42	(71)Name of Applicant:
(31) Priority Document No	:61/588808	1)UNIVERSITY OF SOUTHERN CALIFORNIA
(32) Priority Date	:20/01/2012	Address of Applicant :1150 South Olive Street Suite 2300 Los
(33) Name of priority country	:U.S.A.	Angeles CA 90015 U.S.A.
(86) International Application No	:PCT/US2013/022504	(72)Name of Inventor:
Filing Date	:22/01/2013	1)THOMPSON Mark E.
(87) International Publication No	:WO 2013/110057	2)SOMMER Jonathan R.
(61) Patent of Addition to Application	:NA	3)BARTYNSKI Andrew
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Acenes such as aza acenes are attractive materials for organic semiconductors specifically for n type materials. There are disclosed new derivatives of acenes that are fabricated using novel synthesis. For example the disclosed fabrication strategies have allowed for the first time new aza tetracene and aza pentacene derivatives. The HOMO and LUMO energy levels of these materials are tunable through appropriate substitution and as predicted deepened. There are also disclosed organic photosensitive devices comprising at least one aza acene such as aza tetracene and aza pentacene.

No. of Pages: 67 No. of Claims: 15

(21) Application No.6797/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/08/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : OPTICAL DISC OPTICAL DISK DEVICE INFORMATION RECORDING METHOD AND INFORMATION REPRODUCTION METHOD

(51) International

:G11B7/007,G11B7/004,G11B7/24

classification (31) Priority Document No

:2010048582

(32) Priority Date

:05/03/2010 :Japan

(33) Name of priority country(86) International Application

:PCT/JP2010/070790

No

:PC1/JP2010/070790

Filing Date

:22/11/2010

(87) International Publication

n :WO 2011/108158

No (61) Patent of Addition to

:NA

Application Number Filing Date

:NA

(62) Divisional to Application Number

1 :NA :NA

Filing Date

2010

(71)Name of Applicant:

1)HITACHI CONSUMER ELECTRONICS CO. LTD.

Address of Applicant: 2 1 Otemachi 2 chome Chiyoda ku

Tokyo 1000004 Japan (72)**Name of Inventor:**

1)NISHIMURA Koichiro

2)NAGAI Yutaka

(57) Abstract:

Among discs to which data is recorded at a plurality of types of data recording densities the disclosed optical disc has a plurality of data recording areas that record information at mutually differing data recording densities. Information regarding the data recording densities in these data recording areas is recorded to a management information recording area (a BCA area and a PIC area) in a particular format that does not depend on the data recording density of the data recording areas. Here each data recording area is disposed divided on the same surface of the disk or is disposed divided into a plurality of recording layers.

No. of Pages: 50 No. of Claims: 8

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: COMPOSITIONS COMPRISING A PESTICIDAL TERPENE MIXTURE AND AN INSECTICIDE

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (33) Name of priority country (PCT/EP2013/065905 (PCT/EP2013		 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/EP2013/065905 :29/07/2013 :WO 2014/019983 :NA :NA	(72)Name of Inventor : 1)HELLWEGE Elke
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(57) Abstract:

The present invention relates to a composition comprising a) a pesticidal terpene mixture comprising, as pesticidally active chemical compounds, a-terpinene, p-cymene and limonene and b) at least one insecticide selected from the group consisting of Abamectin, Acephate, Acetamiprid, Acrinathrin, Afidopyropen, Alpha-Cypermethrin, Azadirachtin, Bacillus firmus, Beta-Cyflu - thrin, Bifenthrin, Buprofezin, Clothianidin, Chlorantraniliprole, Chlorfenapyr, Chlorpyrifos, Carbofuran, Cyantraniliprole, Cyenopyrafen, Cyflumentofen, Cyfluthrin, Cypermethrin, Deltamethrin, Diafenthiuron, Dinoteiuran, Emamectin-benzoate, Ethiprole, Fenpyroximate, Fipronil, Flometoquin, Flonicamid, Flubendiamide, Fluensulfone, Fluopyram, Flupyradifurone, Gamma- Cyhalo © thrin, Imidacloprid, Indoxacarb, Lambda- Cyhalothrin, Lufenuron, Metaflumizone, Methiocarb, Methoxyfenozide, Milbemectin, Profenofos, Pyflubumide, Pymetrozine, Pyrifluquinazone, Spinetoram, Spinosad, Spirodiclofen, Spiromesifen, Spirotetramate, Sulfoxaflor, Tebufenpyrad, Tefluthrin, Thiacloprid, Thiamethoxam, Thiodicarb, Triflumuron, 1-(3-chloropyridin-2-yl)-N-[4-cyano-2-methyl-6-(methylcarbamoyl)phenyl]-3- {[5- (trifluoromethyl)-1H-tetrazol-1-yl]methyl} -1H-pyrazole-5-carboxamide, 1-(3-chloropyridin-2-yl)-N- [4-cyano-2-methyl-6-(methylcarbamoyl)phenyl]-3- {[5- (trifluoromethyl)-2H-tetrazol-2-yl]methyl}-1Hpyrazole-5-carboxamide and 1- {2-fluoro-4-methyl-5-[(2,2,2-trifluorethyl)sulfmyl]phenyl} -3- (trifluoromethyl)-1H-1,2,4-triazol-5-amine in a synergistically effective amount, and optionally a fungicide. Furthermore, the present invention relates to the use of this composition as well as a method for reducing overall damage of plants and plant parts.

No. of Pages: 78 No. of Claims: 19

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: CASH DRAWER CAPABLE OF PREVENTING LOSS OF BANKNOTES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:19/07/2013 :WO 2014/027557	(71)Name of Applicant: 1)NEC PLATFORMS LTD. Address of Applicant: 2 6 1 Kitamikata Takatsu ku Kawasaki shi Kanagawa 2138511 Japan (72)Name of Inventor: 1)YONEMARU Shinichirou
	1	1
Filing Date	:19/07/2013	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A cash drawer is provided with a drawer (70) and a cash drawer main unit (20) said drawer (70) having a banknote containing section (81). The cash drawer main unit (20) has the following: a drawer containing section (21); a front opening (22); a top surface member (40) that contains a top surface section (41) that defines the top surface of the drawer containing section (21); and a front member (50) that contains a front frame (51) that defines the edges of the front opening (22). The front member (50) and the top surface member (40) are joined together without a join line that extends in a direction that is parallel to the top surface of the drawer containing section (21) and intersects a first direction (X) being formed between the front member (50) and the top surface member (40) in the region of the top surface of the drawer containing section (21) through which when viewed from a direction perpendicular to the top surface of the drawer containing section (21) the abovementioned banknote containing section (81) passes when the drawer (70) is inserted or removed.

No. of Pages: 26 No. of Claims: 6

(21) Application No.610/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :04/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : CUTTING HEAD ASSEMBLY FOR A CENTRIFUGAL CUTTING APPARATUS AND CENTRIFUGAL APPARATUS EQUIPPED WITH SAME

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B26D7/06 :14158618.0 :10/03/2014 :EUROPEAN UNION :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)FAM Address of Applicant: Neerveld 2, B-2550 Kontich, Belgium Belgium (72)Name of Inventor: 1)BRENT BUCKS
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(57) Abstract:

The present invention relates to a cutting head assembly (100) for a centrifugal cutting apparatus. The cutting head assembly (100) comprises a plurality of cutting stations (101) each provided with a cutting element (104, 204) for cutting or reducing food products. The cutting stations (101) being separately mounted adjacent one another on a rim structure (102, 202, 302, 402). The cutting head assembly (100) further comprising fixing elements (103, 203) for securing the cutting stations (101) to the rim structure (102, 202) and a first set of gap setting elements (105, 205, 305) arranged for adjusting the position of the rear edge of the cutting stations (101) with respect to the front edge of the cutting elements (104, 204) of adjacent cutting stations (101). The gap setting elements (105, 205, 305) being arranged for adjusting the position of the rear edge of the cutting stations (101) with respect to the rim structure (102, 202, 302, 402). FIG 1

No. of Pages: 37 No. of Claims: 15

(21) Application No.653/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :10/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: VEHICLE SUN VISOR

(51) International classification (31) Priority Document No	:B60J3/02 :2014- 047909	(71)Name of Applicant: 1)KYOWA SANGYO CO., LTD. Address of Applicant: 1, Koromogahara 3-chome, Toyota-shi,
(32) Priority Date	:11/03/2014	Aichi 471-0856, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HARAGUCHI Takashi
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 vehicle sun visor includes a support shaft (120), and a sun visor body (110). The sun visor body (110) includes a bearing member (140), a frame (170), a reinforcing plate (180), and a first pad (191) and a second pad (192) that are disposed on respective sides of the reinforcing plate (180) in aii area other than side surfaces of a portion of the bearing member (140). The bearing member (140) includes a displacement prevention portion (142, 143) that prevents displacement of the first pad (191) and the second pad $\hat{a} \in \mathcal{E}$ (192), and the displacement prevention portion (142, 143) is disposed in at least one side of the bearing member (140) in a longitudinal direction of the support shaft (120) such that at least a portion of the displacement prevention portion (142, 143) is disposed between the first pad (191) and the second pad

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

(21) Application No.6834/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/08/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : HIGH-EFFICIENCY ENGINE DRIVEN BY PRESSURIZED AIR OR OTHER COMPRESSIBLE GASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60T :MI2010A000299 :24/02/2010 :Italy :PCT/IB2011/000347 :22/02/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)AIR POWER TECHNOLOGIES GROUP LIMITED Address of Applicant: 4 Highgrove Drive ChellastonÂ Derby DE73 5XAÂ Great Britain U.K. (72)Name of Inventor: 1)TRUGLIAÂ Vito Gianfranco
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(57) Abstract:

A negative-emission pressurized air or other compressible gas operated high-efficiency reciprocating or rotary piston engine \hat{A} as autonomously considered or as part of a complex system \hat{A} comprises at least a tank \hat{A} at least a turbo-alternator and one or more optional fluid heaters.

No. of Pages: 41 No. of Claims: 37

(21) Application No.6252/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: FUNGICIDAL PYRAZOLE MIXTURES

(51) International :A01N43/48,A01P3/00,A01N37/10 classification

(31) Priority Document No :61/593540 (32) Priority Date :01/02/2012 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2013/023703

:30/01/2013 Filing Date

(87) International Publication :WO 2013/116251

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

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

Filing Date

(71)Name of Applicant:

1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant: 1007 Market Street Wilmington

Delaware 19898 U.S.A. (72) Name of Inventor: 1)TAGGI Andrew Edmund

2)LONG Jeffrey Keith 3)BEREZNAK James Francis

(57) Abstract:

Disclosed is a fungicidal composition comprising (a) at least one compound selected from the compounds of Formula (1) oxides and salts thereof wherein R is F C1 or Br; R is H or F; and R is C1 or Br; and (b) at least one fungicidal compound selected from (b1) through (b13) as disclosed herein. Also disclosed is a method for controlling plant diseases caused by fungal plant pathogens comprising applying to the plant or portion thereof or to the plant seed a fungicidally effective amount of a compound of Formula 1 an oxide or salt thereof (e.g. as a component in the aforesaid composition). Also disclosed are process intermediate compounds useful for preparing compounds of Formula (1).

No. of Pages: 97 No. of Claims: 12

(21) Application No.6253/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: JOB RESULT GATHERING SYSTEM AND JOB TERMINAL

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (50) International Publication Number Filing Date (62) NA SOURCE SOU	(71)Name of Applicant: 1)HITACHI LTD. Address of Applicant:6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan (72)Name of Inventor: 1)OHISHI Satoshi 2)NIIMURA Yonemitsu
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(57) Abstract:

When outgoing job data (D340) is sent to a job result management device by a control device of a cell job terminal the outgoing job data is divided and sent by said control device such that: a time is associated with identification information said associated items being treated as data (D341); information specifying a job location is associated with identification information said associated items being treated as data (D342); information specifying a worker is associated with identification information said associated items being treated as data (D343); information that identifies a job description is associated with identification information said associated items being treated as data (D344); and information indicating a job start or a job end is associated with identification information said associated items being treated as data (D345). The outgoing job data is restored by the job result management device and is stored in a storage unit by said job result management device.

No. of Pages: 52 No. of Claims: 7

(21) Application No.6255/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: ANTI VIBRATION RUBBER COMPOSITION CROSSLINKED ANTI VIBRATION RUBBER COMPOSITION AND ANTI VIBRATION RUBBER

(51) International classification: C08L9/00, C08K3/06, C08K5/3415 (71) Name of Applicant:

:NA

:30/01/2013

:WO 2013/114877

(31) Priority Document No :2012016903 (32) Priority Date :30/01/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/000507

Filing Date

(87) International Publication

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

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

Filing Date

1)BRIDGESTONE CORPORATION

Address of Applicant: 10 1 Kyobashi 1 chome Chuo ku Tokyo

1048340 Japan

(72) Name of Inventor:

1)YAMAMOTO Masaaki

(57) Abstract:

The purpose of the present invention is to provide: an anti vibration rubber composition and a crosslinked anti vibration rubber composition each having a low motion magnification and excellent tensile fatigue properties low temperature properties and workability; and an anti vibration rubber produced using each of the anti vibration rubber composition and the crosslinked anti vibration rubber composition. For the purpose of achieving the above mentioned purpose the present invention is characterized by comprising: a rubber component comprising a (conjugated diene compound) (non conjugated olefin) copolymer and a conjugated diene polymer; a vulcanizing agent comprising a bismaleimide compound; and N phenyl N (trichloromethylthio)benzenesulfonamide.

No. of Pages: 63 No. of Claims: 14

(21) Application No.687/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :13/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ACTUATOR ARRANGEMENT

(51) International classification	:H02K7/06	(71)Name of Applicant :
	:14 161	1)IMS GEAR GMBH
(31) Priority Document No	069.1 -	Address of Applicant :Heinrich-Hertz-Str.16, 78166
	1756	Donaueschingen, Germany Germany
(32) Priority Date	:21/03/2014	(72)Name of Inventor:
(33) Name of priority country	:EPO	1)Marcel AMBS
(86) International Application No	:NA	2)Dr. Jens FECHLER
Filing Date	:NA	3)Florian BOETTGER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

The invention relates to an actuator arrangement for an electric parking brake and/or electric motor service brake, having a brake pad adjustment device (20) which can be driven by the actuator arrangement (10). The actuator arrangement has a modular construction and the following components: an electric motor (40), a gear unit (50), positioned in a housing (90), which is coupled to the electric motor (40) and has a functional connection at its output end with the brake pad adjustment device (20), fastening means (60) for the purpose of attaching the actuator arrangement (10) to the brake caliper (30) or the brake pad adjustment device (20), a plug receptacle (71) for a plug connector used for the purpose of transmitting electrical signals to the electric motor (40). The housing (90) has a motor tube (80) which is molded thereon or joined thereto, in which the electric motor (40) is housed, and a motor cap (81) to which is molded, as a single piece, the plug receptacle (71) for a plug connector used for the purpose of transmitting electrical signals to the electric motor (40).

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

(21) Application No.6283/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: A DEVICE FOR TREATMENT OF A WOUND

(51) International classification	:A61M31/00	(71)Name of Applicant:
(31) Priority Document No	:PA 2012 00040	1)TEXO MEDICAL ApS
(32) Priority Date	:16/01/2012	Address of Applicant :Helgesvej 15 DK 2000 Frederiksberg
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2013/050012	(72)Name of Inventor:
Filing Date	:15/01/2013	1)BUSTED Tommy
(87) International Publication No	:WO 2013/107458	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention concerns a device for treatment of a wound by attachment to the skin comprising a set of electrodes arranged on a carrier member and connected to an electrical power source having a first and a second terminal which are connected to each of the electrodes wherein the set of electrodes comprises two non interconnected electrically conducting wires arranged in a pattern on said carrier member and that the electrically conducting wires are provided with an irregular surface structure.

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

(22) Date of filing of Application :25/07/2014

(21) Application No.6284/DELNP/2014 A

(43) Publication Date: 13/11/2015

(54) Title of the invention: SYNCHRONISED ION MODIFICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:15/02/2013 :WO 2013/121287 :NA :NA :NA	(71)Name of Applicant: 1)SMITHS DETECTION WATFORD LTD. Address of Applicant: 459 Park Avenue Bushey Watford Hertfordshire WD23 2BW U.K. (72)Name of Inventor: 1)TAYLOR Stephen J. 2)ATKINSON Jonathan R.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

(19) INDIA

Synchronized ion modification systems and techniques are described. An ion modifier can be used to modify a portion of ions that enter a drift chamber via a gate that controls entry of the ions to the drift chamber. A controller that is communicatively coupled to the ion modifier is configured to control the ion modifier to select a portion of the ion to be modified. In embodiments the controller selects the portion based on a detector s previous response to other ions that are formed from a sample from which the ions were formed. The other ions for example correspond to ions that are associated with a peak in previous operation of a spectrometer.

No. of Pages: 27 No. of Claims: 30

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "CUTTING TOOLS WITH AL-CR-B-N / TI-AL-N MULTILAYER COATINGS†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C22C :61/301,336 :04/02/2010 :U.S.A. :PCT/EP2011/000295 :25/01/2011 :WO/2011/095292 :NA :NA	(71)Name of Applicant: 1)OERLIKON TRADING AGÂ TRUBBACH Address of Applicant: Hauptstrasse CH-9477 TrubbachÂ Switzerland (72)Name of Inventor: 1)MARKUS LECHTHALER 2)CHRISTIAN TRITREMMEL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a multilayer coating system deposited on at least a portion of a solid body surface and containing in the multilayer architecture Al-Cr-B-N individual layers deposited by means of a physical vapour deposition method characterized in that in at least a portion of the overall thickness of the multilayer coating system the Al-Cr-B-N individual layers are combined with Ti-Al-N individual layers, wherein the Al-Cr-B-N and Ti-Al-N individual layers are deposited alternately one on each other, and wherein the thickness of the Al-Cr-B-N individual layers is thicker than the thickness of the Ti-Al-N individual layers, and thereby the residual stress of the multilayer coating system is considerably lower in comparison to the residual stress of the corresponding analogical Al-Cr-B-N monolayer coating.

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

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AAV MEDIATED GENE THERAPY FOR RPGR X LINKED RETINAL DEGENERATION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	A61K38/46	(71)Name of Applicant: 1)THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA Address of Applicant: 3160 Chestnut Street Philadelphia PA 19104 U.S.A. 2)THE UNIVERSITY OF FLORIDA (72)Name of Inventor: 1)BELTRAN William A. 2)AGUIRRE Gustavo D. 3)JACOBSON Samuel G. 4)CIDECIYAN Artur V. 5)LEWIN Alfred S. 6)BOYE Sanford L. 7)HAUSWIRTH William W. 8)DENG Wen Tao
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(57) Abstract:

Described herein are methods of preventing arresting progression of or ameliorating vision loss and other conditions associated with retinitis pigmentosa and x linked retinitis pigmentosa in a subject. The methods include administering to said subject an effective concentration of a composition comprising a recombinant adeno associated virus (AAV) carrying a nucleic acid sequence encoding a normal retinitis pigmentosa GTPase regulator (RPGR gene) or fragment thereof under the control of regulatory sequences which express the product of the gene in the photoreceptor cells of the subject and a pharmaceutically acceptable carrier.

No. of Pages: 81 No. of Claims: 47

(22) Date of filing of Application :13/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR HARD FINE MACHINING OF A WORKPIECE WITH A WORM-SHAPED CUTTING TOOL

(51) International classification	·B23F21/00	(71)Name of Applicant :
(31) Priority Document No	:10 2014	1)KAPP Werkzeugmaschinen GmbH
(32) Priority Date	005 274.5	Address of Applicant :Callenberger Strasse 52, 96450 Coburg (DE) Germany
(33) Name of priority country	:Germany	2)NILES Werkzeugmaschinen GmbH
(86) International Application No	:NA :NA	(72)Name of Inventor:
Filing Date (87) International Publication No	:NA	1)GRINKO, Sergiy
(61) Patent of Addition to Application Number	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for hard fine machining of a workpiece (1) with a worm-shaped cutting tool (2), wherein the workpiece (1) comprises an axis (a) and is supplied with a profiling (3) along its circumference, wherein the cutting tool (2) comprises an axis (b) and is supplied with a machining surface (4), wherein a hard machining process of the profiling (3) is carried out at simultaneous synchronized rotation of the workpiece (1) around its axis (a) and of the cutting tool (2) around its axis (b) with given meshing of the machining surface (4) into the profiling (3) by moving the cutting tool (2) in the direction of the axis (a) of the cutting tool (1) and wherein a shift movement is superposed to the cutting tool (2) in the direction of the axis (b) of the cutting tool (2) during the hard machining process. To obtain an improved noise behaviour at the operation of the workpiece the invention proposes that the shift movement consists of at least one first section (5) at which the cutting tool (2) is moved in one of the directions (R1) of its axis (b) and consists of at least one second section (6) at which the cutting tool (2) is moved in the other of its directions (R2) of its axis (b).

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

(21) Application No.705/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: CABLE RESTRAIN DEVICE WITH DUAL-MATERIAL DOUBLE WEDGE CHUCK

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H02G15/007 :14/217,720 :18/03/2014 :U.S.A. :NA	(71)Name of Applicant: 1)THOMAS & BETTS INTERNATIONAL, LLC Address of Applicant:501 Silverside Road Suite 67, Wilmington, Delaware 19809, USA U.S.A. (72)Name of Inventor:
Filing Date	:NA	1)JEAN-MICHEL PELLETIER
(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 chuck for a cable fitting includes multiple segments substantially forming a ring shape. Each segment of the multiple segments includes a first tapered surface on a distal end, wherein the first tapered surface slopes from the distal end away from a central axis of the ring, and a second tapered surface on a proximal end, wherein the second tapered surface slopes from the proximal end away from the central axis. The chuck also includes a flexible band to hold the multiple segments in the ring shape. Each segment of the multiple segments is configured to receive compressive forces on the first tapered surface and the second tapered surface to force each segment of the multiple segments inwardly toward the central axis. The multiple segments are configured to engage a cable to secure the cable within the ring shape.

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

(22) Date of filing of Application :18/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: "POWER UNIT OF SADDLE-RIDE TYPE VEHICLE†•

(71) T	D (01/15/04	
(51) International classification	:B60K17/04	(71)Name of Applicant :
(31) Priority Document No	:2014-	1)HONDA MOTOR CO., LTD.
(31) Thomas Document No	072360	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:31/03/2014	ku, Tokyo 107-8556, Japan, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)DAI KATAOKA
Filing Date	:NA	2)MASAFUMI TAKI
(87) International Publication No	: NA	3)MASAHIDE MIMURA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To make a generator an ACG starter to allow the idle stop and to allow a rotor angle sensor of the ACG starter to be maintained at a heat resistant temperature or below. [Solution] The ACG starter 52 and the rotor angle sensor that detects the turning position of a rotor 52a of the ACG starter 52 are disposed outside the oil chamber of a crankcase 25 of a power unit 12, and the rear part of an ACG cover 38 extends to the side outside a drive sprocket 85 to constitute a sprocket cover section 276. An ACG starter storage section 48 is defined by an outer wall 50a of the power unit 12 and an ACG cover section 275 positioned in the side outside the ACG starter 52, and a sprocket storage section 286 is defined by the outer wall 50a and the sprocket cover section 276. An exhaust passage 293 from the ACG starter storage section 48 to the sprocket storage section 286 is arranged as a gap between the ACG cover 38 and the outer wall 50a [Selected Drawing] Fig. 13

No. of Pages: 79 No. of Claims: 4

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : "TEMPERATURE MEASUREMENT IN CATHETER†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:61/971,135 :27/03/2014 :U.S.A. :NA :NA	(71)Name of Applicant: 1)BIOSENSE WEBSTER (ISRAEL) LTD. Address of Applicant: 4 Hatnufa Street, Yokneam 20692, Israel Israel (72)Name of Inventor: 1)ASSAF GOVARI 2)CHRISTOPHER THOMAS BEECKLER
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)ANDRES CLAUDIO ALTMANN
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Ablation of cardiac tissue is carried out by inserting a probe having an abla- 5 tion electrode and a plurality of microelectrodes into a body of a living subject to establish contact between two of the microelectrodes and target tissue, and energizing the ablation electrode. While the ablation electrode is energized impedances are measured between the microelectrodes, and the power level of the ablation electrode adjusted according to the impedances.

No. of Pages: 25 No. of Claims: 24

(21) Application No.784/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :22/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: MASSAGE APPARATUS

(51) International classification	:A61H15/02	(71)Name of Applicant:
(31) Priority Document No	:103115612	1)LIU, Yu-An
(32) Priority Date	:30/04/2014	Address of Applicant :2F., No.51, Xinguo St., Zhubei City,
(33) Name of priority country	:Taiwan	Hsinchu County 30262, Taiwan Taiwan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)LIU, Yu-An
(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 related to a massage apparatus for massaging the body of a user. The massage apparatus of the present invention includes: a shaft, disposed along a rotational axis; a massage module, pivotally connected to the shaft about the rotational axis, and an adjustment module. The massage module forms a massage surface for massaging the body of the user, wherein the massage surface is curved and forms a tapered shape, so that the massage module generates a torque and rotates relative to the shaft when the body of the user leans against the massage surface. The adjustment module includes a base, and a first rotating mechanism and a second rotating mechanism that connect the base and the shaft, wherein the first rotating mechanism enables the shaft to rotate about a first axis, so that the shaft can be rotationably adjusted relative to the base, and the second rotating mechanism enables the shaft to rotate about a second axis perpendicular to the first axis, so that the angle between the shaft and the base can be adjusted. The adjustment module and the various surface curvatures that the apparatus embodies allow the massage apparatus to massage particular parts of the body according to the shape thereof.

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

(21) Application No.5423/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/06/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: NOVEL GENOMIC BIOMARKERS FOR IRRITABLE BOWEL SYNDROME DIAGNOSIS

(51) International :C12Q1/68,C12N15/12,G01N33/68 classification

(31) Priority Document No :61/264634 (32) Priority Date :25/11/2009

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

(86) International Application :PCT/US2010/058099

:24/11/2010 Filing Date

(87) International Publication :WO 2011/066458

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)PROMETHEUS LABORATORIES INC.

Address of Applicant: 9410 Carroll Park Drive San Diego

California 92121 5201 U.S.A.

(72) Name of Inventor:

1)GONG Hua 2)SINGH Sharat 3)HOE Nicholas

(57) Abstract:

The invention provides novel biomarkers kits and methods of diagnosing prognosing and subtyping IBS. In one aspect the invention provides novel genomic biomarkers for diagnosing classifying providing a prognosis for and assigning therapy for IBS in a subject in need thereof. In another aspect the present invention provides novel algorithms for the diagnosis and prognosis of IBS.

No. of Pages: 308 No. of Claims: 63

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: LARGE AREA ORGANIC PHOTOVOLTAICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:24/06/2013 :WO 2014/004364 :NA :NA	(71)Name of Applicant: 1)THE REGENTS OF THE UNIVERSITY OF MICHIGAN Address of Applicant: Office Of Technology Transfer 1600 Huron Parkway 2nd Floor Ann Arbor MI 48109 U.S.A. (72)Name of Inventor: 1)FORREST Stephen R. 2)WANG Nana 3)ZIMMERMAN Jeramy
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed herein are large area multi layer solar devices comprising a substrate an active area comprising at least one donor material and at least one acceptor material deposited on a surface of the substrate wherein the donor and acceptor materials are comprised of organic molecules and wherein particulates are removed from the surface of the substrate before deposition of the donor and acceptor materials. Particulates may be removed by exposing the surface of the substrate to a stream of at least one compound comprising one or more phases chosen from supercritical gaseous solid and liquid phases. Also disclosed are methods of manufacturing photovoltaic devices comprising providing a substrate cleaning a surface of the substrate by exposing the surface to a stream of at least one compound comprising one or more phases chosen from supercritical gaseous solid and liquid phases and depositing an organic active layer on the surface of the substrate.

No. of Pages: 38 No. of Claims: 57

(21) Application No.6775/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : SYSTEMS DEVICES AND METHODS INCLUDING A DARK FIELD REFLECTED ILLUMINATION APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10/02/2011 :WO 2011/100065 :NA :NA :NA	(71)Name of Applicant: 1)TOKITAE LLC Address of Applicant:11235 SE 6th Street Suite 200 Bellevue Washington 98004 U.S.A. (72)Name of Inventor: 1)BEHREND Matthew R. 2)HEGG Michael C. 3)HORNING Matthew P. 4)WILSON Benjamin K.
Filing Date	:NA :NA	

(57) Abstract:

Systems devices and methods are described for providing a monitor or treatment device configured to for example detect hemozoin as well as to monitor or treat a malarial infection.

No. of Pages: 146 No. of Claims: 43

(21) Application No.74/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: PORTED AUDIO SPEAKER ENCLOSURES

(51) International classification	:H04R1/28	(71)Name of Applicant:
(31) Priority Document No	:61/656658	1)JDA TECHNOLOGY LLC
(32) Priority Date	:07/06/2012	Address of Applicant: 7805 Captain Morgan Blvd. Orlando
(33) Name of priority country	:U.S.A.	Florida 32822 U.S.A.
(86) International Application No	:PCT/US2013/044646	(72)Name of Inventor:
Filing Date	:07/06/2013	1)MURRAY Jimmy Lee
(87) International Publication No	:WO 2013/184992	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1111	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Speaker performance can be improved by routing sound from a rear side of speaker through a circuitous port formed between inner and outer surfaces of a wall of the speaker enclosure. An audio speaker enclosure comprises an enclosure housing defining an internal volume with a speaker opening at a first end thereof the speaker opening being configured to receive a speaker therein the enclosure housing having an inner surface facing the internal volume and an outer surface the enclosure further defining at least one port communicating between the internal volume and the outer surface the at least one port extending between the inner and outer surfaces along a port length that is greater than a maximum housing thickness between the inner and outer surfaces. The speaker enclosure can be made by arranging an inner speaker enclosure shell within an outer speaker enclosure shell such that the port is defined therebetween.

No. of Pages: 21 No. of Claims: 20

(22) Date of filing of Application :23/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : "SILICONE ACRYLAMIDE COPOLYMER†•

(T4) T		(71)
(51) International classification	:A61Q17/04	(71)Name of Applicant:
(31) Priority Document No	:61/972,847	1)JOHNSON & JOHNSON VISION CARE, INC.
(32) Priority Date	:31/03/2014	Address of Applicant :7500 Centurion Parkway, Jacksonville,
(33) Name of priority country	:U.S.A.	FL 32256, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RYUTA TAMIYA
(87) International Publication No	: NA	2)KAZUHIKO FUJISAWA
(61) Patent of Addition to Application Number	:NA	3)MASATAKA NAKAMURA
Filing Date	:NA	4)THOMAS L. MAGGIO
(62) Divisional to Application Number	:NA	5)MICHELLE CARMAN TURNAGE
Filing Date	:NA	6)MICHAEL R. CLARK

(57) Abstract:

The present invention relates to a silicone acrylamide copolymer of high acrylamide monomer content which has transparency and low.modulus, employing the following configuration. The copolymer is suitably used for various kinds of medical devices, particularly ophthalmic lenses such as a contact lens, an intraocular lens, an artificial cornea, and is especially suitable for a contact lens. A copolymer comprising (A) a multi-functional (meth) acrylamide monomer having at least one siloxane bond and at least two (meth)acrylamide groups within a molecule and (B) a mono-functional linear silicone (meth)acrylamide monomer.

No. of Pages: 72 No. of Claims: 30

(21) Application No.4273/DELNP/2012 A

(19) INDIA

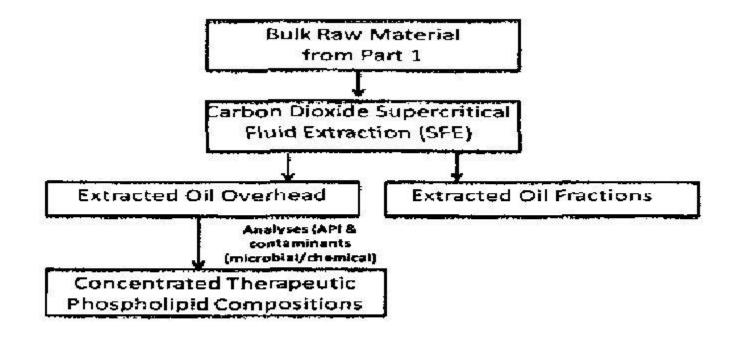
(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "CONCENTRATED THERAPEUTIC PHOSPHOLIPID COMPOSITIONS"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61K 31/683 :61/256,106 :29/10/2009 :U.S.A. :PCT/CA2010/001720 :29/10/2010 :WO 2011/050474 :NA :NA	(71)Name of Applicant: 1)ACASTI PHARMA, INC. Address of Applicant: 225 PROMENADE DU CENTROPOLIS, SUITE 200, LAVAL, QUEBEC H7T 0B3, CANADA Canada (72)Name of Inventor: 1)SAMPALIS, FOTINI 2)HARLAND, HENRI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to concentrated therapeutic phospholipid compositions; methods for treating or preventing diseases associated with cardiovascular disease, metabolic syndrome, inflammation and dieases associated therewith, neurodevelopmental diseases, and neurodegenerative diseases, comprising administering an effective amount of a concentrated therapeutic phospholipid composition.



PIGURE IN

No. of Pages: 90 No. of Claims: 45

(21) Application No.5320/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: AMINOPYRIMIDINES AS SYK INHIBITORS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Publication No (51) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date	:C07D417/12,C07D417/14,A61K31/497 :61/287267 :17/12/2009 :U.S.A. :PCT/US2010/060454 :15/12/2010 :WO 2011/075515 :NA :NA :NA	(71)Name of Applicant: 1 IMERICK SHARP & DOHNE CORP. Address of Applicant: 126 East Incoln Avenue Rahway New Jensey 07065 0907 U.S.A. 30/RACK CANADA INC. 30/RACK
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(57) Abstract

The present invention provides novel pyrimidine amines of formula (I) which are potent inhibitors of spleen tyro sine kinase, and are useful in the treatment and prevention of diseases mediated by said enzyme, such as asthma, COPD and rheumatoid arthritis.

No. of Pages: 487 No. of Claims: 35

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: PLANT DELIVERABLE MANAGEMENT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q10/00 :61/287317 :17/12/2009 :U.S.A. :PCT/US2010/060535 :15/12/2010 :WO 2011/075528 :NA :NA :NA	(71)Name of Applicant: 1)FLUOR TECHNOLOGIES CORPORATION Address of Applicant: 3 Polaris Way Aliso Viejo California 92698 U.S.A. 2)LEITCH James S. 3)STORINO Bruno C. 4)HUMPHRIES James B. 5)BOHARD Dustin 6)MCGEE Mike (72)Name of Inventor: 1)LEITCH James S. 2)STORINO Bruno C. 3)HUMPHRIES James B. 4)BOHARD Dustin 5)MCGEE Mike
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(57) Abstract:

A plant deliverable management system is presented. The system leverages plant construction agnostic templates to generate plant deliverables (e.g., training materials, inspections, reports, design drawings, etc.). The plant deliverables can be converted from common, a generic for mat to a format desired by a client paying for the plant construction. The system can also provision a computer system with a released version of plant deliverables where the deliverables are indexed according to a de rived indexing scheme generated based on the templates and a client"s de sired formats or asset attributes.

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

(21) Application No.6657/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/08/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: WORK VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:24/04/2014 :WO 2014/192475 :NA	(71)Name of Applicant: 1)KOMATSU LTD. Address of Applicant: 2 3 6 Akasaka Minato ku Tokyo 1078414 Japan (72)Name of Inventor: 1)TAKAURA Takeshi 2)KAMI Yoshiki 3)KITAJIMA Jin
(61) Patent of Addition to Application		· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a work vehicle in which a work machine can be operated freely. This work vehicle comprises: a design surface information acquisition unit (202) that acquires data on a design surface said data indicating a target shape of an object to be worked by a work machine; a cutting edge position calculation unit (204) that calculates the position of the cutting edge of a bucket; and a movement restriction unit (211) that executes movement restriction control by which when the cutting edge of the bucket moves closer to the design surface the movement of the work machine is stopped before the cutting edge of the bucket reaches the design surface. The movement restriction unit (211) does not execute said movement restriction control if the cutting edge is separated from the design surface in the vertically downward direction by a predetermined distance or greater.

No. of Pages: 27 No. of Claims: 3

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: TERMINAL APPARATUS AND CONTROL METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G10L15/28 :1020120064384 :15/06/2012 :Republic of Korea :PCT/KR2013/004501 :22/05/2013 :WO 2013/187610 :NA :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant:129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor: 1)LEE Yui yoon 2)CHO Sung kil 3)CHA Tae hwan
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(57) Abstract:

A terminal apparatus is provided. The terminal apparatus includes a voice collecting unit which collects a user s voice a communicating unit which transmits the collected user s voice to an external server and which receives response information in response to the user s voice a voice converting unit which converts the response information into voice signals a voice outputting unit which outputs the converted voice signals and a controller which analyzes at least one of a frequency and a tone of the collected user s voice and controls so that the response information is converted to have the voice signals having the voice features corresponding to the analyzed result.

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

(21) Application No.6321/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : SUBSTRATE FOR POWER MODULES SUBSTRATE WITH HEAT SINK FOR POWER MODULES POWER MODULE METHOD FOR PRODUCING SUBSTRATE FOR POWER MODULES AND PASTE FOR BONDING COPPER MEMBER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61P35/00 :2012020171 :01/02/2012 :Japan :PCT/JP2013/052347 :01/02/2013 :WO 2013/115359 :NA :NA	(71)Name of Applicant: 1)MITSUBISHI MATERIALS CORPORATION Address of Applicant: 3 2 Otemachi 1 chome Chiyoda ku Tokyo 1008117 Japan (72)Name of Inventor: 1)TERASAKI Nobuyuki 2)NAGATOMO Yoshiyuki 3)NISHIKAWA Kimihito 4)KUROMITSU Yoshirou
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(57) Abstract:

This substrate for power modules is obtained by laminating and bonding a copper plate which is formed of copper or a copper alloy onto the surface of a ceramic substrate (11). A nitride layer (31) is formed on the surface of the ceramic substrate (11) between the copper plate and the ceramic substrate (11). An Ag Cu eutectic structure layer (32) having a thickness of 15 $\hat{A}\mu m$ or less is formed between the nitride layer and the copper plate.

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

(19) INDIA

(22) Date of filing of Application :25/07/2014

(21) Application No.6322/DELNP/2014 A

(43) Publication Date: 13/11/2015

(54) Title of the invention: WASTE PUMP

(51) International classification	:C07K14/435, C12Q1/00	(71)Name of Applicant: 1)ABU AL RUBB Khalil
(31) Priority Document No	:1200970.0	Address of Applicant :C/o KBAS Co Salwa Road PO Box
(32) Priority Date	:19/01/2012	22599 Doha Qatar
(33) Name of priority country	:U.K.	(72)Name of Inventor:
(86) International Application No	:PCT/GB2013/050097	1)ABU AL RUBB Khalil
Filing Date	:17/01/2013	
(87) International Publication No	:WO 2013/108028	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention is a device which uses stored pressure to pump waste and a corresponding method of use. Waste is stored in a first chamber (82) and the chamber is subsequently sealed by a valve V8 and pressurised prior to a second valve V82 opening. The pressurised waste is thereby ejected from the pressure chamber (82) down an outlet pipe (84).

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

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PRESSURE MEASURING GLOW PLUG

(51) International classification	:H04R1/02, H04R1/10	(71)Name of Applicant: 1)ROBERT BOSCH GMBH
(31) Priority Document No	:10 2012 202 061.6	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(32) Priority Date	:10/02/2012	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/051067	1)SCHOLZEN Holger
Filing Date	:22/01/2013	2)KOETZLE Wolfgang
(87) International Publication No	:WO 2013/117417	3)WOLFF Janpeter
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a pressure measuring glow plug comprising a housing (13 14) in which a tubular heating element (21) for igniting a combustion mixture of an internal combustion engine and a pressure measuring unit (30) for detecting the pressure in the combustion chamber of the internal combustion engine are arranged. The tubular heating element (21) has a glow current contact (23) for an electric heating element (22). A pressure transfer element (50) is secured to the end of the tubular heating element (21) facing away from the combustion chamber and transfers the combustion chamber pressure which acts on the tubular heating element (21) to the pressure measuring unit (30). The pressure transfer element (50) is designed in a sleeve like manner and forms a receiving chamber (51) for the glow current contact (23) of the heating element (22) on the tubular heating element side.

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

(21) Application No.711/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR THE FUNCTIONAL EXTENSION OF AN ELECTRIC WELDING APPARATUS AND WELDING APPARATUS FOR CARRYING OUT THE METHOD

(51) International classification	:B23K9/095	(71)Name of Applicant:
(31) Priority Document No	:10 2014	1)Lorch Schweisstechnik GmbH
(31) I Hority Document 140	104 227.1	Address of Applicant :Im Anwaender 24-26, 71549 Auenwald
(32) Priority Date	:26/03/2014	Germany Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Josef GOEPPERT
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 extending the functionality of an electric welding apparatus which comprises a programmable control unit and an input device. In order to provide the user with greater latitude for a desired functional extension while nevertheless ensuring that unauthorised functional extension can be prevented, the invention proposes that a control command for a desired functional extension is issued to the control unit and the control unit uses the control command or the functional extension to generate an apparatus code which is transmitted to an external verifying facility, wherein the external verifying facility uses the apparatus code to verify entitlement to the functional extension and, if entitlement exists, generates an external activation code which is transmitted to the control unit, and wherein the control unit verifies the validity of the external activation code and, if it is valid, implements the functional extension. A welding apparatus for carrying out the method is also proposed.

No. of Pages: 25 No. of Claims: 23

(21) Application No.821/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :25/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : GROUND LEVEL POWER SUPPLY SYSTEM FOR A NON-GUIDED ELECTRIC VEHICLE AND CORRESPONDING METHOD OF USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:14 52525 :25/03/2014 :France :NA :NA	(71)Name of Applicant: 1)ALSTOM TRANSPORT TECHNOLOGIES Address of Applicant: 3 Av Andre' Malraux 92300, Levallois- Perret, France France (72)Name of Inventor: 1)HOURTANE, Jean-Luc
 (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:

This system comprises a live track (11) capable of being brought to a supply voltage and a neutral track (12) for the return current, with the live track being constituted of rectangular segments (11.i); a first voltage source (35) capable of supplying a low supply voltage (VS1) and a second voltage source (36) capable of supplying a high supply voltage (VS2), each segment being connected by a controlled selection means (38) either to the first voltage source, or to the second voltage source; a measuring means (40) capable of measuring the speed of a vehicle travelling over a section (Dj) of a roadway equipped with the system; and a selection device (39) capable of acquiring the vehicle speed measured by the speed measuring means, then comparing the speed measured with a threshold speed, and controlling the selection means based on the results of the comparison.

No. of Pages: 20 No. of Claims: 8

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DOUBLE POLE DOUBLE THROW PROXIMITY SWITCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H01H9/04 :61/580936 :28/12/2011 :U.S.A. :PCT/US2012/070814 :20/12/2012 :WO 2013/101633	(71)Name of Applicant: 1)GENERAL EQUIPMENT AND MANUFACTURING COMPANY INC. D/B/A TOPWORX INC. Address of Applicant:3300 Fern Valley Road Louisville KY 40213 U.S.A. (72)Name of Inventor: 1)LAFOUNTAIN Robert Lynn 2)MERRIFIELD Gregory Curtis
` /	:WO 2013/101633 :NA :NA :NA :NA	

(57) Abstract:

Proximity switches include a hermetically sealed unit that can be used in harsh environments and under significant pressures such as underwater and in nuclear power facilities without having any parts that would require replacement or periodic maintenance. The proximity switches are preferably switches actuated by physical movement of a contact in response to changing magnetic forces. The switches are preferably disposed in a body tube optionally including a hermetic seal assembly to seal an open end of the body tube and/or a ferrule that prevents electrical wires attached to the switch inside the body tube from being pulled away from the switch. Further the switches preferably maintain a contact pressure between electrical contacts sufficient to withstand acceleration seismic testing of 10g with no contact discontinuity.

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

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PROXIMITY SWITCH

(51) International classification	:H03K17/97	(71)Name of Applicant :
(31) Priority Document No	:61/580833	1)GENERAL EQUIPMENT AND MANUFACTURING
(32) Priority Date	:28/12/2011	COMPANY INC. D/B/A TOPWORX INC.
(33) Name of priority country	:U.S.A.	Address of Applicant :3300 Fern Valley Road Louisville KY
(86) International Application No	:PCT/US2012/070798	40213 U.S.A.
Filing Date	:20/12/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/101628	1)LAFOUNTAIN Robert Lynn
(61) Patent of Addition to Application	:NA	2)MERRIFIELD Gregory Curtis
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.6317/DELNP/2014 A

(57) Abstract:

Proximity switches are disclosed that preferably are provided in a hermetically sealed unit that can be used in harsh environments and under significant pressures such as underwater and in nuclear power facilities without having any parts that would require replacement or periodic maintenance. The proximity switches are preferably switches actuated by physical movement of a contact in response to changing magnetic forces. The switches are preferably disposed in a body tube optionally including a hermetic seal assembly to seal an open end of the body tube and/or a ferrule that prevents electrical wires attached to the switch inside the body tube from being pulled away from the switch. Further the switches preferably maintain a contact pressure between electrical contacts sufficient to withstand acceleration seismic testing of 10g with no contact discontinuity.

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

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FOLDABLE BOX TEMPLATE BACKGROUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:03/01/2013 :WO 2013/103722 :NA :NA	(71)Name of Applicant: 1)PACKSIZE LLC Address of Applicant:6440 South Wasatch Boulevard Salt Lake City UT 84121 U.S.A. (72)Name of Inventor: 1)PETTERSSON Niklas
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A foldable box template includes first second third fourth and fifth segments. Each of the segments has a length a width and one or more flaps. The first segment is positioned at a first end of the template and the fifth segment is positioned at a second opposing end of the template. The sum of the lengths of the first segment and the fifth segment is generally equal to the length of the third segment. As a result the first and fifth segments form a seam on a sidewall of a box formed from the box template. In some cases the seam formed by the first and fifth segments is offset from seams formed in top and bottom surfaces of the box. The seam formed by the first and fifth segments is offset from a corner of the box.

No. of Pages: 49 No. of Claims: 80

(21) Application No.6319/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHODS AND COMPOSITIONS FOR THERAPEUTIC AGENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61K39/395 :61/591837 :27/01/2012 :U.S.A. :PCT/IB2013/000454 :25/01/2013 :WO 2013/111012 :NA :NA	(71)Name of Applicant: 1)VARIATION BIOTECHNOLOGIES INC. Address of Applicant: 200 Rue Montcalm Suite 400 Gatineau Qc J8Y 3B5 Canada (72)Name of Inventor: 1)KIRCHMEIER Marc J. 2)ANDERSON David E.
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure provides compositions that comprise therapeutic agents (e.g. live attenuated viral antigens therapeutic proteins etc.) and a lipid component. The lipid component may comprise or consist of different types of lipid or lipids as described herein. In some embodiments the therapeutic agents are thermolabile. The present disclosure also provides methods for preparing compositions including the aforementioned compositions (e.g. melt methods and spray injection methods among others).

No. of Pages: 63 No. of Claims: 71

(21) Application No.823/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :25/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: VEHICLE SUN VISOR

(51) International classification (31) Priority Document No (32) Priority Date (32) Priority Date (33) Name of priority country (34) International Application No Filing Date (37) International Publication No (38) International Publication No (39) International Publication No (30) Patent of Addition to Application Number Filing Date (31) Priority Document No (32) International Publication No (33) Name of priority country (34) International Application No (35) International Publication No (36) Patent of Addition to Application Number Filing Date (37) International Classification No (38) International Classification No (39) International Classification No (30) International Application No (30) International Classification No (31) Priority Document No (32) International Classification No (33) Name of priority country (34) International Application No (37) International Application No (38) International Application No (39) International Application No (40) Patent of Addition to Application Number Filing Date (41) International Classification No (42) International Classification No (43) International Application No (44) International Classification No (54) International Classification No (55) International Classification No (61) Patent of Addition to Application Number Filing Date (57) International Classification No (58) International Classification No (59) International Classification No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application No (63) International Classification No (64) International Classification No (65) International Classification No (66) International Classification No (67) International Classification No (68) International Classification No (69) International Classification No (70) I	(71)Name of Applicant: 1)Kyowa Sangyo Co., Ltd. Address of Applicant: 1, Koromogahara, 3-chome, Toyota-shi, 4 Aichi 471-0856, Japan Japan (72)Name of Inventor: 1)Kosuke YAMAZAKI
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(57) Abstract:

To provide a vehicle sun visor in which a damper is operated only in the vicinity of a stored position so as to improve the operability. SOLUTION A damper mechanism 200 includes a piston operating member 240 connected to a horizontal shaft portion 103b of a support shaft 103, and a piston 230 disposed so as to be linearly movable in a space portion 210a formed in a housing 210. A fluid is filled in the space portion 210a, and the space portion 210a is divided into a first space region Rl and a second space region R2 by the piston 230, the first space region Rl and the second space region R2 communicating with each other. The housing 210 and the piston 230 are rotatable about a longitudinal axis of the horizontal shaft portion 103b together with a sun visor body 100. In a prescribed range set between a stored position and a use range, the fluid in the second space region R2 is compressed by movement of the piston 230, and a damping force is applied to rotational movement of the sun visor body.

No. of Pages: 37 No. of Claims: 10

(21) Application No.67/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: TREAD FOR TYRE OF A DRIVE AXLE OF A HEAVY GOODS VEHICLE AND TYRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60C11/12 :1257067 :20/07/2012 :France :PCT/EP2013/065326 :19/07/2013 :WO 2014/013065 :NA :NA	(71)Name of Applicant: 1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN Address of Applicant: 12 Cours Sablon F 63000 CLERMONT FERRAND France 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (72)Name of Inventor: 1)FELDER Thomas 2)MARLIER Fabien
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(57) Abstract:

The invention relates to a tread (1) for a tyre intended for being fitted on the drive axle of a heavy goods vehicle said tread including a plurality of circumferential grooves (2) defining at least three ribs (4,5,6) each having a height and a width measured in the axial direction the tread (1) being defined axially by two edge rows (7,8) each rib (4,5,6) being provided with a plurality of incisions (41,51,61) capable of closing at least partially when passing in contact with a road surface said incisions (41,51,61) opening onto each side surface of the rib such as to form two edges and having a depth at least equal to 50 % the height of the rib said incisions (41,51,61) defining two by two a basic rib space (40,50,60) as well as a basic contact surface (400,500,600) said tread being characterised in that a hollow space (42,52,62) is formed on each basic space (40,50,60) defined by two incisions of a single rib opening onto the contact surface when new said hollow space (42,52,62) having a total area relative to the tread surface equal to 0.4 % to 1.5 % of the area of the basic contact surface (400,500,600) of said hollow space said hollow space (42,52,62) having a depth equal to at least half the depth of the grooves and in that said hollow space (42,52,62) is determined such as to remain open when passing in contact in order to enable the catchment of liquid that may be present on the road surface.

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

(22) Date of filing of Application :09/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: COMMUNICATION DEVICE AND PRODUCTION METHOD THEREFOR

(51) International classification	:H05K3/00	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)Hitachi, Ltd.
(31) Thomas Bocument 110	004757	Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku,
(32) Priority Date	:15/01/2014	Tokyo 100-8280, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)Takeshi INOUE
Filing Date	:NA	2)Takeshi OKAMOTO
(87) International Publication No	: NA	3)Masaya HORINO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a communication device in which an antenna 6 is buried in a substrate 3, the arrangement of the antenna 6 and electronic components 4, and the thickness of a sealing member 5 are optimized, and thereby, the vibration isolation effect, moisture exclusion effect and heat radiation effect are exerted, while the damping of radio waves to be sent and received through the antenna 6 is minimized. A communication device according to the present invention is a communication device including: multiple electronic components of different thickness; a circuit substrate provided with the multiple electronic components; a bottom plate that fixes the circuit substrate; an antenna provided in the circuit substrate; and a sealing member that covers the circuit substrate, in which the electronic components include a first electronic component, and a second electronic component that has a thickness greater than the first electronic component in a direction perpendicular to the circuit substrate, the first electronic component is arranged at a vicinity of the antenna, and is covered with the sealing member to a first height, and the second electronic component is arranged at a position away from the antenna by a predetermined distance, and is covered with the sealing member to a second height.

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

(21) Application No.83/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SPIRAL SCREW FLUID TURBINE HAVING AXIAL VOID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/06/2013 :WO 2013/185068 :NA :NA :NA	(71)Name of Applicant: 1)RAJAKARUNA Uppala Address of Applicant:1762 East Eucalyptus Street Brea CA 92821 U.S.A. (72)Name of Inventor: 1)RAJAKARUNA Uppala
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A spiral turbine includes an axle configured to rotate and one or more spiral blades coupled to the axle by one or more support connections. Each spiral blade is formed around and outside of a conical inner space which is coaxial with the axle. For configurations in which two or more spiral blades are included the blades may be symmetrically disposed around the axle.

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

(22) Date of filing of Application :25/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : ASSEMBLY SYSTEM FOR CONNECTING GIRDER MODULES, MODULAR BRIDGE GIRDER AND SPAN COMPRISING SUCH A SYSTEM

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E01D6/00 :1452586 :26/03/2014 :France :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MATIERE Address of Applicant: 1 Place d'lena, 75016 Paris, France France (72)Name of Inventor: 1)PHILIPPE MATIERE
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(57) Abstract:

The present invention relates to an assembly system (40) for connecting adjacent girder modules (22, 23) so as to form a modular bridge girder. The assembly system (40) is characterized in that it includes at least one connecting plate (60) comprising four lateral protuberances (71, 72, 73, 74) and a central body (76), said connecting piate (60) being adapted for transmitting a bending moment and shearing stress between adjacent girder modules (22, 23). The invention also relates to a girder and a modular bridge span comprising at least one such an assembly system (40).

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

(22) Date of filing of Application :01/08/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : MATERIALS AND METHODS FOR PRODUCING CELL-SURFACE DIRECTED AND ASSOCIATED NON-NATURALLY OCCURRING BIOINORGANIC MEMBRANES AND USES THEREOF

(51) International classification	:C12N	(71)Name of Applicant:
(31) Priority Document No	:61/294,209	1)PURDUE RESEARCH FOUNDATION
(32) Priority Date	:12/01/2010	Address of Applicant :1281 Win Hentschel Blvd. West
(33) Name of priority country	:U.S.A.	Lafayette IN 47906-4182 U.S.A.
(86) International Application No	:PCT/US2011/021032	(72)Name of Inventor :
Filing Date	:12/01/2011	1)DAVID BENJAMIN JAROCH
(87) International Publication No	:WO 2011/088155	2)JENNA LEIGH RICKUS
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract		<u> </u>

(57) Abstract:

Materials and methods are provided for producing cell-surface directed, non-naturally occurring, bioinorganic membranes for association with the cell surfaces of living cells. The methods comprise exposing a cell to an acidic biomineralization buffer environment for cell-mediated deposition of the biomineral membrane onto the surface of the cell. The methods also comprise attaching a peptide, having a net positive charge under the acidic conditions, to the cell surface for serving as a template in directing the cell-mediated deposition of the biomineral membrane onto the surface of the cell.

No. of Pages: 57 No. of Claims: 31

(22) Date of filing of Application :01/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : EXHAUST GAS TEMPERATURE SENSOR INCLUDING STRAIN RELIEF AND/OR ANTI-VIBRATION SLEEVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:G01N :61/300,391 :01/02/2010 :U.S.A. :PCT/US2011/023390 :01/02/2011 :WO 2011/094753 :NA	(71)Name of Applicant: 1)STONERIDGEÂ INC. Address of Applicant:9400 East Market Street Warren OH 44484 Â USAÂ U.S.A. (72)Name of Inventor: 1)ROBERT J SPARKS 2)DOUGLAS I OBENOUR
(61) Patent of Addition to Application Number		2)DOUGLAS I OBENOUR
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A temperature sensor includes a housing and a temperature sensing element disposed in the housing. Electrical connections may extend from the temperature sensing element through the housing and an epoxy may be disposed in the housing. The epoxy may provide a thermal pathway between the sensing element and the housing and may be flexible to accommodate different rates of thermal expansion between the temperature sensing element and the electrical connections without requiring a separate mechanical strain relief. A temperature sensor system includes a temperature sensor and a mineral insulated cable coupled to the temperature sensor. The temperature sensor may be configured to be removably coupled to the mineral insulated cable via a stop flange and a sleeve coupled to the mineral insulated cable. The sleeve may be configured to provide stability and reduce vibrational stress to the temperature sensor system.

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

(21) Application No.783/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :21/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: METER CLUSTER MOUNTING STRUCTURE

(24)		
(51) International classification	:B60K37/02	(71)Name of Applicant:
(31) Priority Document No	:2014- 067882	1)Suzuki Motor Corporation Address of Applicant :300, Takatsuka-cho, Minami-ku,
(32) Priority Date	:28/03/2014	Hamamatsu-shi, Shizuoka 432-8611 (JP) Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KUROKAWA Keiji
Filing Date	:NA	2)YAMAGUCHI, Masato
(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:

There is provided a meter cluster mounting structure for mounting a meter cluster (3) to an instrument panel body (2) at a vehicle front side (Fr) of a driver seat via locking means. The locking means comprises a locking claw (9) provided at one of the instrument panel body (2) and the meter cluster (3) and a locking hole (8) provided at the other of the instrument panel body (2) and the meter cluster (3). Detachment preventing means (20) for preventing the meter cluster (3) from being detached from the instrument panel body (2) at the time of an input to a vehicle side portion is provided. The detachment preventing means (20) comprises a detachment preventing hole (21) provided at one of the instrument panel body (2) and the meter cluster (3) and a detachment preventing piece (22) provided at the other of the instrument panel body (2) and the meter cluster (3) and inserted into the detachment preventing hole (21). The detachment preventing piece (22) is formed with a U-shaped locking groove (25) which is opened toward a center side in a right and left direction of a vehicle. The locking groove (25) of the detachment preventing piece (22) is locked to a peripheral edge portion of the detachment preventing hole (21) when the meter cluster (3) moves in a vehicle width direction with respect to the instrument panel body (2) due to the input to the vehicle side portion. Representative Drawing: Figure 4

No. of Pages: 29 No. of Claims: 6

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : AIR JET SPINNING MACHINE AND METHOD FOR THE OPERATION OF AN AIR JET SPINNING MACHINE

(51) International classification	:D01H4/50	(71)Name of Applicant :
(31) Priority Document No	:00521/14	1)Maschinenfabrik Rieter AG
(32) Priority Date	:03/04/2014	Address of Applicant :Klosterstrasse 20, 8406 Winterthur,
(33) Name of priority country	:Switzerland	Switzerland Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Gernot Schäffler
(87) International Publication No	: NA	2)Andreas Fischer
(61) Patent of Addition to Application Number	:NA	3)Javier-Orlando Ricaurte-Rubio
Filing Date	:NA	4)Markus Arbogast
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an air jet spinning machine with at least one spinning unit (15) comprising at least one spinning nozzle (1), whereas the spinning unit (15) serves the purpose of producing a yarn (2) from a fiber composite (3) fed to the spinning nozzle (1), whereas the spinning nozzle (1) features an inlet (4) for the fiber composite (3), an internal vortex chamber (5), a yarn formation element (6) protruding into the vortex chamber (5), along with an outlet (7) for the yarn (2) produced inside the vortex chamber (5), and whereas the spinning nozzle (1) features multiple air nozzles (23) leading into the vortex chamber (5), which are in fluid connection with at least one air supply line (24), whereas, during the operation of the air jet spinning machine, compressed air provided by the air supply line (24) flows through the air nozzles (23) into the vortex chamber (5) in order to generate a vortex air flow in the vortex chamber (5). In accordance with the invention, it is proposed that the air jet spinning machine features an additive supply (8), which is formed to provide the spinning unit (15) with an additive (9), whereas the additive supply (8) comprises a pressure tank (11) in which the additive (9) is held for forwarding to the area of the spinning unit (15) and in which a gaseous pressure medium (12) is contained, and whereas the additive supply (8) comprises at least one additive supply line (14) running independent of the specified air supply line (24), through which the pressure tank (11) is connected to an additive delivery (13), so that the additive (9) of the spinning nozzle (1) is able to be fed independent of the compressed air introduced through the air supply line (24) into the vortex chamber (5). In addition, a method for operating an air jet spinning machine is proposed.

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

(21) Application No.6298/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INSECTICIDAL 2 ARYL ACETAMIDE COMPOUNDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C07D261/04 :12159015.2 :12/03/2012 :EPO :PCT/EP2013/054969 :12/03/2013 :WO 2013/135674	(71)Name of Applicant: 1)SYNGENTA PARTICIPATIONS AG Address of Applicant: Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor: 1)CASSAYRE JérÃ′me Yves 2)EL QACEMI Myriem
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides compound of formula I (I) wherein A is C R; A A and A are independently of one another C H or C R or nitrogen; G is oxygen; Y Y Y is C=N 0; X is halogen; X is hydrogen or halogen; R is C Chaloalkyl; Ris aryl or aryl substituted by one to five R or heteroaryl or heteroaryl substituted by one to five R; and R R R Rand R are as defined in the claims. The invention also relates to methods of controlling insects acarines nematodes or molluscs which comprises applying to a pest to a locus of a pest or to a plant susceptible to attack by a pest an insecticidally acaricidally nematicidally or molluscicidally effective amount of a compound of formula I.

No. of Pages: 93 No. of Claims: 15

(21) Application No.6299/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :25/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: IMMERSION TREATMENT INSTALLATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B05C3/10 :10 2012 003 271.4 :21/02/2012 :Germany :PCT/EP2013/000401 :12/02/2013 :WO 2013/124039 :NA	(71)Name of Applicant: 1)EISENMANN AG Address of Applicant: Tù¼binger Str. 81 71032 Böblingen Germany (72)Name of Inventor: 1)ROBBIN Jörg
` '	:NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A description is given of an immersion treatment installation (1) which comprises at least one immersion tank (2) in a way known per se. A conveying system (4 5) brings the items (3) to be treated up to the immersion tank (2) into the space inside the immersion tank (2) out of it and away from it. The conveying system (4 5) comprises at least one transporting carriage (5) which has a carrying platform (14) which is pivotable about a pivot axis (15) and to which at least one item (3) can be fastened with the aid of a connecting structure (18 19 20 21 22). This connecting structure (18 19 20 21 22) is movable on its own to such an extent that with increasing pivoting from the unimmersed position the distance between the item (3) and the pivot axis (15) becomes increasingly greater under the influence of gravitational force.

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

(21) Application No.6753/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: OLIGOPEPTIDE COMPOUNDS AND USES THEREOF

:WO 2011/092347

(51) International :C07K7/08,C07K14/16,C07K14/47 classification

(31) Priority Document No :1001602.0 :01/02/2010 (32) Priority Date

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

(86) International Application :PCT/EP2011/051422

:01/02/2011 Filing Date

(87) International Publication

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

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

Filing Date

(71)Name of Applicant: 1) CYTOVATION AS

Address of Applicant: MÃ llendalsveien 65 C N 5008 Bergen

Norway

(72)Name of Inventor:

1)PRESTEGARDEN Lars

(57) Abstract:

The present invention relates to novel agents pharmaceutical compositions containing them and their use in therapy particularly anti microbial and anti cancer therapy. In particular the present invention relates to novel peptide based compounds based on SEQ ID NO:40 which have surprisingly been shown to have inhibitory effects on the growth and/or viability of cells particularly bacterial and cancer cells. Also provided are therapeutic and non therapeutic methods which comprise the use of peptides of the invention.

No. of Pages: 71 No. of Claims: 32

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: MULTI-OBJECTIVE OPTIMIZATION FOR NEW MEMBERS OF A SOCIAL NETWORK

(51) International classification	:G06Q30/02	(71)Name of Applicant :
(31) Priority Document No	:61/972,736	1)LINKEDIN CORPORATION
(32) Priority Date	:31/03/2014	Address of Applicant :2029 Stierlin Court, Mountain View,
(33) Name of priority country	:U.S.A.	California 94043, United States of America U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHAH, Samir M.
(87) International Publication No	: NA	2)KIM, Hyung Jin
(61) Patent of Addition to Application Number	:NA	3)TIWARI, Mitul
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This disclosure relates to systems and methods that include an electronic database related to members in a social network, the members including new members who have been members of the social network less than a predetermined time and established members who have been members of the social network greater than the predetermined time. A processor, coupled to the electronic database and the network interface, is configured to obtain an optimization criterion based on at least two constraints related to interaction of members in the social network, determine proposed interaction values based on the data, each proposed interaction value corresponding to pairs of members, the proposed interaction values including a new member proposed interaction value between at least one established member and at least one new member, modify the new member proposed interaction value based on an adjustment factor, and provide proposed interactions based the interaction values.

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

(21) Application No.6328/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :26/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: APPARATUS TO VISUALLY INDICATE A LEAK FROM A RELIEF VALVE

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	61/582027 30/12/2011 U.S.A.	(71)Name of Applicant: 1)TESCOM CORPORATION Address of Applicant:12616 Industrial Blvd. Eik River MN 55330 U.S.A. (72)Name of Inventor: 1)MATTSON Scott Douglas 2)BURGETT Eric Jacob 3)LOGAN Thomas William
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(57) Abstract:

Apparatus to visually indicate a leak from a relief valve are disclosed. In one example an apparatus is disclosed that includes a pipe plug having a head and a shaft. The pipe plug is to attach to a relief valve. An opening is to extend through the head and shaft. The apparatus also includes a first flexible membrane to cover an end of the opening. In some examples the first flexible membrane is to expand when fluid is released via the relief valve into the opening of the pipe plug.

No. of Pages: 19 No. of Claims: 20

(22) Date of filing of Application :26/07/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: FUNCTIONAL CAP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65D1/16 :1020110146594 :29/12/2011 :Republic of Korea :PCT/KR2012/003328 :28/04/2012 :WO 2013/100271 :NA :NA :NA	(71)Name of Applicant: 1)OH Chang Pok Address of Applicant:Hansung Bldg. 2002 130 7 Sinwol dong yancheon gu Seoul 158 827 Republic of Korea (72)Name of Inventor: 1)OH Chang Pok
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(21) Application No.6329/DELNP/2014 A

(57) Abstract:

(19) INDIA

The present invention relates to a functional cap and more particularly to a functional cap in which: functionality and a sense of beauty may be increased by bending the brim in multiple steps so as to be lifted upwards; sunlight may be prevented from directly entering an air opening formed on a first brim because a second brim may be bent in multiple steps while forming a double brim; and the wear feel is excellent because the air opening is formed to provide a full field of vision.

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

(22) Date of filing of Application :26/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : SPRAY-DRIED SOLID-IN-OIL-IN-WATER DISPERSIONS FOR INHALATION OF ACTIVE PHARMACEUTICAL INGREDIENTS

(51) International classification	:A61K9/00	(71)Name of Applicant:
(31) Priority Document No	:61/971,232	1)Novartis AG
(32) Priority Date	:27/03/2014	Address of Applicant :Lichtstrasse 35, 4056 Basel,
(33) Name of priority country	:U.S.A.	Switzerland Switzerland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Daniel HUANG
(87) International Publication No	: NA	2)Nagaraja RAO
(61) Patent of Addition to Application Number	:NA	3)Trixie TAN
Filing Date	:NA	4)Danforth MILLER
(62) Divisional to Application Number	:NA	5)Jeffry G. WEERS
Filing Date	:NA	

(57) Abstract:

Embodiments of the invention relate to particulate agents and compositions comprising particulate agents for inhalation, and methods for preparing such particulate agents and compositions for inhalation, as well as therapeutic methods. Embodiments of the method comprise preparing an emulsion by combining an oil phase dispersion of hydrophobic seed particles and an aqueous dispersion comprising an emulsifier and an 10 emulsion stabilizer and preparing a feedstock comprising encapsulated particles by homogenizing the emulsion, and forming a plurality of coated particles by spray drying the feedstock, wherein resulting particles comprises a porous shell disposed on or over a core and the core comprises at least one hydrophobic seed particle.

No. of Pages: 47 No. of Claims: 15

(21) Application No.5385/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: COMPRESSED FLUID VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B60K15/073 :2009/08148 :19/11/2009 :South Africa :PCT/ZA2010/000070 :18/11/2010 :WO 2011/063429 :NA :NA	(71)Name of Applicant: 1)WIENAND Henry Lemont Address of Applicant:17 van der Stel Street 8130 Lamberts Bay South Africa (72)Name of Inventor: 1)WIENAND Henry Lemont
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A compressed fluid storage arrangement (10) for a compressed fluid vehicle which includes a core of flexuous tubing (102) for storing compressed fluid to be supplied to a motor (70) of the vehicle the core (102) being shaped and dimensioned to occupy a cavity of a vehicle component. The compressed fluid is delivered via a pressure control system (90) to the engine (70) which in turn generates an engine output.

No. of Pages: 19 No. of Claims: 16

(21) Application No.6696/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :08/08/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PROCESSES FOR TREATING RED MUD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C01B7/01 :61/584993 :10/01/2012 :U.S.A. :PCT/CA2013/000021 :10/01/2013 :WO 2013/104059 :NA :NA	(71)Name of Applicant: 1)ORBITE ALUMINAE INC. Address of Applicant:6505 route Transcanadienne Bureau 610 Saint Laurent Québec H4T 1S3 Canada (72)Name of Inventor: 1)BOUDREAULT Richard 2)FOURNIER Joel 3)PRIMEAU Denis 4)LABRECQUE GILBERT Marie Maxime
(61) Patent of Addition to Application Number	:NA	3)PRIMEAU Denis
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

22There are provided processes for treating red mud. For example the processes can comprise leaching red mud with HCl so as to obtain a leachate comprising ions of a first metal (for example aluminum) and a solid and separating said solid from said leachate. Several other metals can be extracted from the leachate (Fe Ni Co Mg rare earth elements rare metals etc.). Various other components can be extracted from solid such as TiO SiO etc.

No. of Pages: 154 No. of Claims: 372

(21) Application No.6366/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ALKALINE EARTH METAL COMPLEXED METAL AMIDES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:12155980.1 :17/02/2012 :EPO :PCT/EP2013/052833 :13/02/2013 :WO 2013/120878 :NA	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: Alfred Nobel Str. 10 40789 Monheim Germany 2)BAYER CROPSCIENCE AG (72)Name of Inventor: 1)FORD Mark James 2)MOSRIN Marc
(87) International Publication No(61) Patent of Addition to Application	:WO 2013/120878	1)FORD Mark James
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention relates to metal amides of the formula (I) to a process for preparation thereof and to the use thereof as bases for aromatics heteroaromatics alkenes alkynes and other organic compounds having activated C H bonds.

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

(21) Application No.6367/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DEFECT RESISTING ACOUSTIC POLYMER INTERLAYERS

(51) International classification(31) Priority Document No	a:B32B27/30,B32B1/08,B32B17/10 :61/609092	(71)Name of Applicant: 1)SOLUTIA INC.
(32) Priority Date	:09/03/2012	Address of Applicant :575 Maryville Centre Drive St. Louis
(33) Name of priority country	:U.S.A.	MO 63141 U.S.A.
(86) International Application	:PCT/US2013/029782	(72)Name of Inventor:
No Filing Date	:08/03/2013	1)LU Jun
(87) International Publication No	:WO 2013/134602	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This disclosure is related to the field of polymer interlayers for multiple layer glass panels and multiple layer glass panels having at least one polymer interlayer sheet. Specifically this disclosure is related to the field of polymer interlayers comprising multiple thermoplastic layers which resist the formation of optical defects.

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

(21) Application No.6368/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : HIGH RIGIDITY INTERLAYERS AND LIGHT WEIGHT LAMINATED MULTIPLE LAYER PANELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B32B17/10,B32B27/06 :61/609102 :09/03/2012 :U.S.A. :PCT/US2013/029779 :08/03/2013 :WO 2013/134599 :NA :NA	(71)Name of Applicant: 1)SOLUTIA INC. Address of Applicant: 575 Maryville Centre Drive St. Louis MO 63141 U.S.A. (72)Name of Inventor: 1)LU Jun
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This disclosure is related to the field of polymer interlayers for multiple layer panels and multiple layer panels having at least one polymer interlayer sheet. Specifically this disclosure is related to the field of high rigidity interlayers and light weight laminated multiple layer panels incorporating high rigidity interlayers.

No. of Pages: 49 No. of Claims: 20

(21) Application No.6369/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: COATED TUBE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16L58/04 :201220068190.7 :29/02/2012 :China :PCT/CN2013/072017 :28/02/2013 :WO 2013/127353 :NA :NA :NA	(71)Name of Applicant: 1)BUNDY FLUID SYSTEMS CO. LTD Address of Applicant: No. 57 Longhai Road Qinhuangdao E.T.D.Z. Hebei 066004 China (72)Name of Inventor: 1)ZHAO Zhening 2)LI Shijun 3)ZHAI Shumin 4)SUN Qijun 5)CHEN Yifang 6)DONG Lifeng 7)ZHAO Yongchang 8)CHEN Minghong 9)SUN Guobin 10)HUANG Jinhe 11)LI Guocheng 12)CAO Baiwen
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(57) Abstract:

The present invention discloses a coated tube in particular for the fluid carrying pipeline system in a vehicle said coating tube comprising: a base tube (1); and a zinc aluminum alloy coating (3) a nylon primer coating (5) and a nylon coating (6) coated and arranged outwards from inside on said base tube characterized in that a pre plating zinc layer (2) is added and provided between said base tube and said zinc aluminum alloy coating and that a sealant coating (4) is coated between said zinc aluminum alloy coating and said nylon primer coating.

No. of Pages: 29 No. of Claims: 19

(22) Date of filing of Application :03/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUTOMATIC SUSPEND AND RESUME IN HARDWARE TRANSACTIONAL MEMORY

(51) International classification	:G06F9/46	(71)Name of Applicant:
(31) Priority Document No	:12/711851	1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:24/02/2010	Address of Applicant :One AMD Place P.O. Box 3453
(33) Name of priority country	:U.S.A.	Sunnyvale California 94088 U.S.A.
(86) International Application No	:PCT/US2011/025778	(72)Name of Inventor:
Filing Date	:22/02/2011	1)CHUNG Jaewoong
(87) International Publication No	:WO 2011/106333	2)CHRISTIE David S.
(61) Patent of Addition to Application	:NA	3)HOHMUTH Michael P.
Number	:NA	4)DIESTELHORST Stephan
Filing Date		5)POHLACK Martin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An apparatus and method is disclosed for a computer processor (102) configured to access a memory (140) shared by a plurality of processing cores and to execute a plurality of memory access operations in a transactional mode as a single atomic transaction and to suspend the transactional mode in response to determining an implicit suspend condition such as a program control transfer. As part of executing the transaction the processor marks data accessed by the speculative memory access operations as being speculative data (220). In response to determining a suspend condition (including by detecting a control transfer in an executing thread) (230) the processor suspends the transactional mode of execution which includes setting a suspend flag (240) and suspending marking speculative data (250). If the processor later detects a resumption condition (e.g. a return control transfer corresponding to a return from the control transfer) the processor is configured to resume the marking of speculative data.

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

12) TATENT ALTERCATION TOBLICATION

(22) Date of filing of Application :23/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : "GASKET†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:2014- 064383	(71)Name of Applicant: 1)NIPPON GASKET CO., LTD. Address of Applicant:5-14, Midorigaoka, Toyota-shi, Aichi 471-0838, Japan, Japan (72)Name of Inventor: 1)DAICHI SAKAI
(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	

(21) Application No.790/DEL/2015 A

(57) Abstract:

(19) INDIA

A gasket 1 is constituted by laminating four plates, that is, a first seal plate 2 to a fourth seal plate 5. An adjacent portion to a through hole 2A of the first seal plate 2 is made to surround through holes 3A and 4A of the second seal plate 3 and the third seal plate 4 and is then folded back to an outside, so as to form a grommet 7. A folded-back portion 2C of the grommet 7 and an outside edge portion 2D thereof are covered by the fourth seal plate 5 from above. Even if the grommet 7 is expanded/contracted in a radial direction by repeating heat expansion and contraction, damage on a flange portion 11A of a connection pipe 11 by the outside edge portion 2D can be prevented since the outside edge portion 2D is covered by the fourth seal plate 5. Moreover, since the fourth seal plate 5 is provided, turning-over of the outside edge portion 2D can be prevented. Thus, the gasket 1 which can maintain favorable sealing performance for a long time can be provided.

No. of Pages: 26 No. of Claims: 6

(21) Application No.859/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: STACK CUTTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G07D9/06 :2014- 082373 :11/04/2014 :Japan :NA	(71)Name of Applicant: 1)PLUS Corporation Address of Applicant: 4-1-28, Toranomon, Minato-ku, Tokyo 105-0001, Japan Japan (72)Name of Inventor: 1)YASUI Ryo
(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 allow a user to operate handling means of a stack cutter with better operational feeling. A stack cutter includes a blade which is brought down while keeping its length generally parallel to a surface of object. The blade in this case has a thickness of not smaller than 0.4 mm and not larger than 0.9 mm.

No. of Pages: 42 No. of Claims: 8

(21) Application No.525/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :24/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: ADJUSTABLE FOG LAMP ON MOTOR VEHICLE FRONT BUMPER

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F21V14/00 :1451769 :04/03/2014 :France :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)VALEO VISION BELGIQUE Address of Applicant: 34, rue Saint André – 93012 BOBIGNY Cedex, France, France (72)Name of Inventor: 1)FRANCK DINANT
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(57) Abstract:

The invention relates to a lighting and/or signaling module including a housing delimiting a volume intended to receive at least one light source, an outer lens disposed on the housing and delimiting said volume and means for supporting the housing in rotation about a generally transverse axis. The outer lens has an exterior surface of revolution about the rotation axis. The module is preferably a fog lamp mounted on a vehicle front bumper. Bumper includes on its rear face means for fixing the lamp. (fig. 3)

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

(21) Application No.686/DEL/2015 A

(19) INDIA

(22) Date of filing of Application: 13/03/2015 (43) Publication Date: 13/11/2015

(54) Title of the invention: OIL-OIL BUSHING AND OIL TRANSFORMER

(51) International classification	:F16L27/107	(71)Name of Applicant:
(31) Priority Document No	:14 001 129.7	1)ABB TECHNOLOGY AG
(32) Priority Date	:27/03/2014	Address of Applicant : Affolternstrasse 44, 8050 ZÃ1/4rich,
(22) Name of milarity country	:EUROPEAN	Switzerland Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)ISIDORO LI PIRA
Filing Date	:NA	2)ULRICH HUHN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to an oil-oii bushing (70), comprising a rotationally symmetrical (14), paraboloid-like, hollow bushing element (12, 72) of a solid insulating material, along the axial extent of which there is formed radially toward the inside a tubular bushing channel (16), the wall thickness of which is tapered conically toward at least one of its two ends, and also an electrical bushing conductor (18, 76) fitted into the bushing channel (16) with a form fit and protruding from it on both sides. At at least one of the two axial ends of the bushing channel (16) there is arranged a respective hollow-cylindrical shielding element (30, 52, 80, 82) of a conductive material, which is thick-walied (44) at least in certain regions, which element encloses on its one side the respective end of the bushing channel (16) and the bushing conductor (18, 76) protruding from it and on its other side, respectively, is intended for receiving and electrically contacting a respective connecting conductor (74, 78), the axial ends of the shielding element (30, 52, 80, 82) being of a round design. The invention also relates to an oi! transformer with an oil-oil bushing (70) according to the invention.

No. of Pages: 17 No. of Claims: 9

(21) Application No.78/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: INCONTINENCE IMPLANT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61F2/00 :20 2012 006 290.5 :29/06/2012 :Germany :PCT/EP2013/001264 :26/04/2013 :WO 2014/000838 :NA :NA	(71)Name of Applicant: 1)PREGENZER Lukas Address of Applicant: Untermieming 45 a 6414 Mieming Austria (72)Name of Inventor: 1)PREGENZER Lukas
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an implantable actuating mechanism (1) which is switchable between two stable positions for an implant that is switchable between states or positions comprising a supporting element (2) which has a mounting plate (3) for supporting itself against a bone and a spring loaded actuation element that can be moved relative to the supporting element wherein said actuation element extends through the supporting element and is connected by means of a cable (51) to an actuating part (40) initiating a switch between the two positions of the implant and provided on the other side of the supporting element. According to the invention the spring loaded actuation element has a guide ring (104) comprising more than one projection (108) wherein the projections are guided in a guide link (106) in such a way that they can be engaged under spring loading into two locking positions defining the above mentioned implant positions.

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

(21) Application No.84/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: REDUNDANT CONTROLS FOR A MULTI MODE TRANSMISSION

(74) 7	T1	
(51) International classification	:F16H61/66	(71)Name of Applicant:
(31) Priority Document No	:61/660666	1)LONG Charles F.
(32) Priority Date	:15/06/2012	Address of Applicant :237 Fawn Court Pittsboro Indiana
(33) Name of priority country	:U.S.A.	46167 U.S.A.
(86) International Application No	:PCT/US2013/045580	2)WEBER Darren J.
Filing Date	:13/06/2013	3)FULLER John William Edward
(87) International Publication No	:WO 2013/188628	4)MURRAY Stephen
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number		1)LONG Charles F.
Filing Date	:NA	2)WEBER Darren J.
(62) Divisional to Application Number	:NA	3)FULLER John William Edward
Filing Date	:NA	4)MURRAY Stephen

(57) Abstract:

A transmission includes an electro hydraulic controller that includes redundancy in the hydraulic circuit that permits single fault failures to be compensated for by changing the flow path of hydraulic fluid to bypass the single fault failure. The redundancy results in the ability of the transmission to maintain full operation in all modes.

No. of Pages: 76 No. of Claims: 86

(21) Application No.735/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :18/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: "REAR-FENDER STRUCTURE IN SADDLE-RIDE TYPE VEHICLE†•

(51) T	D (21())4	(71) 1
(51) International classification	:B62J6/04	(71)Name of Applicant:
(31) Priority Document No	:2014-	1)HONDA MOTOR CO., LTD.
(31) Thomas Bocument 110	072858	Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-
(32) Priority Date	:31/03/2014	ku, Tokyo 107-8556, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)KENJI TAKO
Filing Date	:NA	2)SATOSHI ITO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In a saddle-ride type vehicle having a rear fender attached to a single-sided swing arm, an outward impact in the vehicle-width direction directly exerted by turbulent airflow generated by rotation of a rear wheel is reduced. [Solution] A rear fender 50 is formed to have: an upper cover 50a extending upward from a front upper face of a swing arm to overlap a part of the rear wheel in top view; a lower cover 50b extending downward from a front lower face of the swing arm; and a side cover 50c connecting the lower cover 50b and the upper cover 50a in a left-right direction on an opposite side from the arm. [Selected Drawing] Fig. 5

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

(22) Date of filing of Application :24/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: "EXTERNAL VOLUME-LIMITING CSF DRAINAGE SYSTEM†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14/230,578 :31/03/2014	(71)Name of Applicant: 1)DEPUY SYNTHES PRODUCTS, INC. Address of Applicant: 325 Paramount Drive, Raynham, MA 02767, USA, U.S.A. (72)Name of Inventor: 1)DOUGLAS FIFOLT 2)CARL TURGEON 3)THOMAS BODEN JR.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system and method for draining at least one type of bodily fluid from a patient, including a chamber capable of being adjusted to hold one of at least a first volume of fluid and a second, smaller volume of fluid. The chamber has an inlet end with a barrier defining an opening and has an outlet end defining an outlet passage. The system further includes a valve with a valve seat and a valve closure member to define a usable volume within the chamber, and a movable adjustment member with a shaft passable through the opening in the barrier and terminating within the chamber at a first end. The first end of the shaft is connected to the valve seat, and the shaft has a plurality of features along its length engagable with corresponding engagement features in a fixed relationship with the barrier to enable the shaft to be advanced into the chamber to reduce the usable volume to be less than the first volume.

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

(21) Application No.6375/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PURIFICATION OF A HYDROCARBON STREAM

(51) International classification :C07C7/11,C10G21/20,C10G21/16

(31) Priority Document No :12152651.1 (32) Priority Date :26/01/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/051363

No Filing Date :1C1/E1 2013

(87) International Publication :WO 2013/110719

No (61) Patent of Addition to .NA

Application Number :NA Filing Date :NA

(62) Divisional to Application
Number

Filing Date

NA

(71)Name of Applicant:

1)TOTAL RESEARCH & TECHNOLOGY FELUY
Address of Applicant :Zone Industrielle C B 7181 Seneffe

Belgium

(72)Name of Inventor:
1)EECKHOUT Karel
2)RICHET Marc

(57) Abstract:

The present invention relates to a process for producing a purified hydrocarbon stream by contacting a hydrocarbon stream which is contaminated with one or more organoaluminum compounds with a specifically selected chemical agent capable of reacting with said one or more organoaluminum compounds.

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

(21) Application No.6376/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: POROUS OXYGEN ACTIVATED HEATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C06B45/00 :61/583418 :05/01/2012 :U.S.A. :PCT/US2013/020353 :04/01/2013 :WO 2013/103871 :NA :NA	(71)Name of Applicant: 1)RECHARGEABLE BATTERY CORPORATION Address of Applicant: 2501 Earl Rudder Freeway South Suite 600 College Station TX 77845 U.S.A. (72)Name of Inventor: 1)TINKER Lawrence A. 2)PEDICINI Christopher
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An substrate heater includes at least a wet porosity of between 15 35% to allow for sufficient electrolyte solution and porosity for access of a reducing agent within the substrate and oxygen.

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

(21) Application No.6835/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: HERBICIDE-TOLERANT PLANTS

(51) International classification	:C12P	(71)Name of Applicant:
(31) Priority Document No	:61/293,165	1)BASF AGRO B.V. ARNHEM (NL)Â
(32) Priority Date	:07/01/2010	ZWEIGNIEDERLASSUNG WADENSWIL
(33) Name of priority country	:U.S.A.	Address of Applicant :Moosacherstraase 2Â CH-8804
(86) International Application No	:PCT/US2011/020546	Waedenswil/Au Switzerland Switzerland
Filing Date	:07/01/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2011/085221	1)MANKIN Scots L.
(61) Patent of Addition to Application	:NA	2)CARLSON Dale R.
Number	:NA	3)LIEBL Rex
Filing Date	.IVA	4)STEVENSON-PAULIK Jill M.
(62) Divisional to Application Number	:NA	5)PASTERNAK Maciej
Filing Date	:NA	6)WELZEL Annegret

(57) Abstract:

The present invention provides saflufenacil-tolerant plants. The present invention also provides methods for controlling the growth of weeds by applying saflufenacil to which the saflufenacil-tolerant plants of the invention are tolerant. Plants of the invention express a cytochrome P450 polypeptide the expression of which confers to the plants tolerance to the saflufenacil.

No. of Pages: 186 No. of Claims: 46

(21) Application No.9312/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FLEXIBLE MATERIALS FOR FLEXIBLE CONTAINERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:07/05/2013 :WO 2013/169690 :NA :NA	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor: 1)STANLEY Scott Kendyl 2)YOU Jun 3)BOSWELL Emily Charlotte 4)ARENT Lee Matthew
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A flexible material for a flexible container can include a first laminate and a second laminate joined to at least a portion of the first laminate by at least one seal. The first laminate can include a first gas barrier layer disposed between first and second sealable layers wherein the first and second sealable layers define opposed exterior layers of the first laminate. The second laminate can include a third sealable layer defining an exterior layer of the second laminate and a second gas barrier layer. The at least one seal joins a portion of the third sealable layer to at least a portion of the second sealable layer.

No. of Pages: 103 No. of Claims: 15

(22) Date of filing of Application :27/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: SPINNING UNIT OF AN AIR JET SPINNING MACHINE ALONG WITH A TOP FRAME FOR THE FIXING ON A SPINNING NOZZLE OF AN AIR JET SPINNING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 		(71)Name of Applicant: 1)Maschinenfabrik Rieter AG Address of Applicant: Klosterstrasse 20, 8406 Winterthur, Switzerland Switzerland (72)Name of Inventor: 1)Markus Kýbler 2)Gernot Schäffler
(87) International Publication No	: NA	3)Andreas Fischer
(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 spinning unit of an air jet spinning machine with a spinning nozzle (1), which serves the purpose of producing a yarn (2) from a fiber composite (3) fed to the spinning nozzle (1), whereas the spinning nozzle (1) features an inlet (4) for the fiber composite (3), an internal vortex chamber (5), a yarn formation element (6) protruding into the vortex chamber (5) along with an outlet (7) for the yarn (2) produced inside the vortex chamber (5). In accordance with the invention, it is proposed that the spinning unit is allocated with an additive supply (8), which is designed to supply the spinning nozzle (1) with an additive (9), whereas the additive supply (8) includes at least one top frame (10) fixed on the spinning nozzle (1), through which the additive (9) provided by an additive supply line (14) of the additive supply (8) is able to be fed to the spinning nozzle (1). In addition, a top frame for the fixing on a spinning nozzle (1) of an air jet spinning machine is proposed.

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

(21) Application No.6268/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (

(43) Publication Date: 13/11/2015

(54) Title of the invention: 1 5 NAPHTHYRIDINE DERIVATIVES AND MELK INHIBITORS CONTAINING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06K7/00 :61/588496 :19/01/2012 :U.S.A. :PCT/US2012/071434 :21/12/2012 :WO 2013/109388 :NA :NA	(71)Name of Applicant: 1)OncoTherapy Science Inc. Address of Applicant: 2 1 Sakado 3 chome Takatsu ku Kawasaki shi Kanagawa 213 0012 Japan (72)Name of Inventor: 1)MATSUO Yo 2)HISADA Shoji 3)NAKAMURA Yusuke 4)AHMED Feryan 5)WALKER Joel R.
Number Filing Date		4)AHMED Feryan 5)WALKER Joel R.
(62) Divisional to Application Number Filing Date	:NA :NA	6)HUNTLEY Raymond

⁽⁵⁷⁾ Abstract:

The present invention directs a compound represented by formula (I).

No. of Pages: 272 No. of Claims: 24

(21) Application No.6269/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : SYSTEM AND METHOD OF DETECTING RNAS ALTERED BY CANCER IN PERIPHERAL BLOOD

(51) International classification	:C12Q1/68	(71)Name of Applicant :
(31) Priority Document No	:61/584097	1)VIOMICS INC.
(32) Priority Date	:06/01/2012	Address of Applicant :445 North Fifth Street Phoenix AZ
(33) Name of priority country	:U.S.A.	85004 U.S.A.
(86) International Application No	:PCT/US2013/020383	(72)Name of Inventor:
Filing Date	:04/01/2013	1)MORRIS Scott
(87) International Publication No	:WO 2013/103889	2)MALLERY David
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Analyzing peripheral blood RNA populations presents an effective accurate minimally invasive method of determining a patient s cancer status. Using circulating free RNA of the genes disclosed herein systems and methods are disclosed which can accurately identify cancer signatures in the patient blood samples.

No. of Pages: 34 No. of Claims: 27

(21) Application No.505/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :23/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: BOARD INTEGRATED INTERCONNECT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:H01M2/22 :14/269,736 :05/05/2014 :U.S.A. :NA	
Filing Date	:NA	1)GRUHL, TIM
(87) International Publication No	: NA	2)0110112, 12112
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In an embodiment, a method includes forming a printed circuit board by deposition first plurality of layers and forming an interconnect integral to the printed circuit board by depositing a second plurality of layers on at least a portion of the first plurality of layers. The interconnect includes a stabilizing structure and a contact positioned within the stabilizing structure. The stabilizing structure includes a first material and the contact includes a second material that is different than the first material.

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

(21) Application No.55/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: POLYFUNCTIONAL SULFUR CONTAINING EPOXIES AND COMPOSITIONS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C07F :13/529208 :21/06/2012 :U.S.A. :PCT/US2013/046552 :19/06/2013 :WO 2013/192297 :NA	(71)Name of Applicant: 1)PRC DESOTO INTERNATIONAL INC. Address of Applicant: 12780 San Fernando Road Sylmar CA 91342 U.S.A. (72)Name of Inventor: 1)BLACKFORD Timothy 2)CAI Juexiao 3)KELEDJIAN Raquel
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

Disclosed are polyfunctional sulfur containing epoxies and compositions containing polyfunctional sulfur containing epoxies. The polyfunctional sulfurcontaining epoxies may be used as a curing agent and combined with polythioethers and/or polysulfides used to provide high elongation sealants useful in aerospace applications.

No. of Pages: 41 No. of Claims: 24

(22) Date of filing of Application :25/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR LOWERING A MAXIMUM PRESSURE OF AT LEAST ONE COMMON RAIL INJECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02D :102014204161.9 :06/03/2014 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GmbH Address of Applicant: Postfach 30 02 20, 70442 Stuttgart, Germany Germany (72)Name of Inventor: 1)RAPP, Holger
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(57) Abstract:

In the method of the present subject matter, a maximum achievable pressure of at least one pressure common rail system of a motor vehicle is lowered in case of a fault. When a fault (31) in a rail pressure control loop is detected, a special control mode for at least one common rail injector is initiated (32). As a result, the maximum pressure is lowered in the event of a fault, without that the design of common rail injector or other related components of the high-pressure common-rail system must be changed. Thereby high production costs for these high-pressure components, for example, for the injector bodies (4), the valve piece (8) and the nozzle (10) are avoided.

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

(22) Date of filing of Application :21/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: RECHARGEABLE BATTERY HAVING A CURRENT DISTRIBUTION MEMBER

(51) International classification :H01G9 (31) Priority Document No 004631 (32) Priority Date :17/04/2 (33) Name of priority country of Kore (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA (63) Filing Date :NA	1)SAMSUNG SDI CO., LTD. Address of Applicant :150-20 Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do 446-902, Republic of Korea, Republic of Korea
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(57) Abstract:

A rechargeable batte~yin cluding an electrode assembly including a first electrode and a secottd electrode; a case acco~nmodati~tlhge electrode assembly; a cap assembly coupled with the case, the cap assembly including a terminal; a first current collecting member, the first current collecting inember including a fi~sep ortion connecting the terminal with the first electrode, and an electrode bonding polition fixed to the electrode assembly, the fuse portion having a lower melting point than other portions ofthe fust current collecting member; and a current distribution member fixed to the fust current collecting member, the current distribution ~nenibere lectrically connecting the first current collecting member with the case.

No. of Pages: 49 No. of Claims: 15

(21) Application No.5301/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : PPAR-SPARING THIAZOLIDINEDIONE SALTS FOR THE TREATMENT OF METABOLIC DISEASES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D 277/34 :61/286,765 :15/12/2009 :U.S.A. :PCT/US2010/060439 :15/12/2010 :WO 2011/084453 :NA :NA	(71)Name of Applicant: 1)METABOLIC SOLUTIONS DEVELOPMENT COMPANY, LLC Address of Applicant:161 EAST MICHIGAN AVENUE, 4TH FLOOR KALAMAZOO, MI 49007, USA U.S.A. (72)Name of Inventor: 1)GERARD R. COLCA 2)STEVEN P. TANIS 3)SCOTT D. LARSEN
(61) Patent of Addition to Application	:NA	2)STEVEN P. TANIS
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to novel salts of thiazolidinediones and other pharmaceutical agents that are useful for treating and/or preventing metabolic diseases (e.g., diabetes, or neurodegenerative diseases (e.g., Alzheimer"s Disease).

No. of Pages: 150 No. of Claims: 74

(21) Application No.675/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :12/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: GAS COMPRESSOR

(31) Priority Document No :2014- 057062	(71)Name of Applicant: 1)CALSONIC KANSEI CORPORATION Address of Applicant: 2-1917 Nisshin-cho, Kita-ku, Saitama-shi, Saitama 331-8501, Japan Japan (72)Name of Inventor: 1)YANAGAWA, Eiki 2)NAKAZAWA, Keisuke
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(57) Abstract:

A gas compressor comprising a compressor main body including an approximately cylindrical rotor, a cylinder, a plurality of plate-like vanes formed to abut on the inner circumferential surface of the cylinder, and two side blocks is disclosed. A plurality of compression rooms is arranged inside the compressor main body so as to compress a medium and discharge the compressed high-pressure medium. A back-pressure-supplying groove supplies the back-pressure so as to project the vane toward the inner circumferential surface of the cylinder is arranged. An outer circumferential edge portion of the back-pressure-supplying groove is formed so as to increase a distance from a rotational center of the rotor toward the front side in the rotational direction of the rotor. A sectional surface area of a communication portion between the vane groove and the back-pressure-supplying groove increases until they are separated according to the rotation of the rotor.

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

(21) Application No.901/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: CONTENT SEARCH VERTICAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:61/986,582 :30/04/2014	(71)Name of Applicant: 1)LINKEDIN CORPORATION Address of Applicant: 2029 Stierlin Court Mountain View, California 94043, United States of America U.S.A. (72)Name of Inventor: 1)VENKATARAMAN, Ganesh
(87) International Publication No	: NA	2)SINHA, Shakti Dhirendraji
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are methods, systems, and machine readable mediums which find a special set of keywords which, when used to search a supplemental set of search verticals (e.g., the newly added search verticals), return high quality results. When a user enters a search containing one or more keywords from the special set of keywords, the system may search both the standard set of search verticals (as normal), but also the one or more keywords may be used to search the supplemental set of search verticals. Results from both may then be presented to the user.

No. of Pages: 27 No. of Claims: 14

(22) Date of filing of Application :29/07/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SOLAR TRACKER FOR SOLAR ENERGY DEVICES

(51) International classification :F24J2/14,F24J2/07,F24J2/38 (71)Name of Applicant : (31) Priority Document No 1)SULAS INDUSTRIES :13/340450 Address of Applicant: 129 W. 10th Street Unit A Silverthorne (32) Priority Date :29/12/2011 (33) Name of priority country Colorado 80498 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/071130 (72) Name of Inventor: Filing Date :21/12/2012 1)DOYLE Fintan J. (87) International Publication No :WO 2013/101696 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A solar tracking device that uses thermal actuation to rotate a solar energy device to track movement of the sun for improved solar energy output of the solar energy device. Thermal actuation is generated by concentrating solar radiation using a solar collector and solar receiver. A medium that expands when heated is in thermal communication with the solar receiver and drives an actuator for rotating the solar tracking device to follow the movement of the sun. The medium may be a phase change material such as Paraffin wax. Rotational actuation may be performed using helical slots in a main housing and cam followers coupled to a shaft extended out of the main housing. At the end of the day a combination of gravity and/or mechanical return forces may assist in returning the system to an initial position such that it is ready to receive solar radiation the next day.

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

(22) Date of filing of Application :23/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: IMPLANT AND FILAMENT MANAGEMENT DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	A61F2/08 :14/229,504	(71)Name of Applicant: 1)MEDOS INTERNATIONAL SÃERL Address of Applicant: Chemin-Blanc 38, 2400 Le Locle, Switzerland Switzerland (72)Name of Inventor: 1)JACOB A. MARKS 2)MEGHAN A. PASQUALI 3)DANIELLE DUFOUR
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(57) Abstract:

A variety of configurations of implant management devices are provided. The configurations provide different combinations of features for maintaining a location of an implant with respect to the device and managing filaments of the implant. One exemplary embodiment of a device includes a generally rectangular-shaped body having an implantable body retainer, an opening disposed a distance apart from the retainer and configured to receive a ligament graft therein, and a fold extending across the body and intersecting the opening. Folding one end of the body towards a bottom surface of the body along the fold can form a filament loop engaging region to hold in tension a filament loop extending from the implant. Additional filament(s) associated with the implant can be managed by various filament retention features. Methods for preparing a ligament graft for implantation by relying upon indicia formed on a surface of the device body are also provided.

No. of Pages: 95 No. of Claims: 15

(21) Application No.802/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :23/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: COMPRESSED AIR GUN

(51) International classification	:F41B11/00, F41B11/02,	(71)Name of Applicant: 1)STAUBLI FAVERGES
(31) Priority Document No	:1452825	Address of Applicant :Place Robert Stäubli 74210
(32) Priority Date	:31/03/2014	FAVERGES, France France
(33) Name of priority country	:France	(72)Name of Inventor:
(86) International Application No	:NA	1)TIBERGHIEN, Alain-Christophe
Filing Date	:NA	2)CHAMBAUD, Antoine
(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 compressed air gun (1) according to the invention comprises a body (2), comprising an upstream conduit (20b) that extends along a first axis (X20b) and a downstream air ejection conduit (20a), and a hole (22), which extends along a second axis (Y22), a closing member (16), which is translatable inside the hole between a closed position and an open position, a trigger (4) that can be manipulated between a released configuration, where it keeps the closing member in the closed position, and a blowing configuration, and means (8) for returning the trigger to its released configuration. This gun further comprises a tubular sleeve (14), which is immobilized inside the upstream conduit (20b), which extends parallel to the first axis (X20b) and which delimits an air passage, whereas the closing member (16), in the closed position, is suitable for closing off an air passage orifice by forming a sealed contact with the sleeve.

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

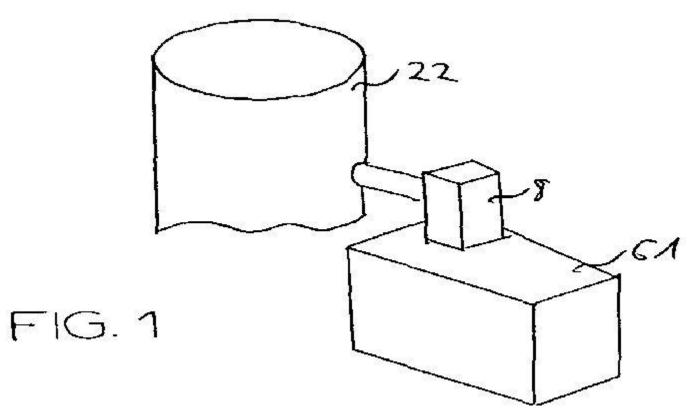
(22) Date of filing of Application :16/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "DEVICE FOR DETERMINING PARTICLE SIZES"

(51) International classification	:G01N 15/14	(71)Name of Applicant:
(31) Priority Document No	:09175995.1	1)BUHLER AG
(32) Priority Date	:13/11/2009	Address of Applicant :BAHNHOFSTRASSE CH - 9240
(33) Name of priority country	:EUROPEAN	UZWIL, SWITZERLAND, Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/067274	1)HEINE, MARTIN
Filing Date	:11/11/2010	2)MANZ, STEFAN
(87) International Publication No	:WO 2011/058092	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Method for measuring particle size distributions, in particular for the optical measurement of wide particle size distributions of bulk materials such as cereals, cereal milling products, cereal products and the like, which is intended to enable the measurement of particle size distributions which vary by orders of magnitude. To address this problem, a sample of isolated particles is optically detected in an arrangement by means of at least two measurement methods, wherein preferably detection of the contours of the particles and laser diffraction take place at the same time.



No. of Pages: 49 No. of Claims: 15

(21) Application No.764/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :20/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: STEAM TURBINE WITH RESONANCE CHAMBER

(51) International classification :F16F15 (31) Priority Document No :141612: (32) Priority Date :24/03/2 (33) Name of priority country :EUROF UNION (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	31.7 1)ALSTOM TECHNOLOGY LTD
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(57) Abstract:

A steam turbine with a resonance chamber (26) in the outer annulus (14) oppose a. rotating blade (12) row. The resonance chamber (26) provides passive resonance to place the excitation at a frequency away from the natural frequency of the blades (12).

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

(22) Date of filing of Application :24/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : "SILICONE ACRYLAMIDE COPOLYMER†•

(51) Intermedianal alacaification	. 4 61 017/04	(71) Nome of Applicant
(51) International classification	-	(71)Name of Applicant:
(31) Priority Document No	:61/972,862	1)JOHNSON & JOHNSON VISION CARE, INC.
(32) Priority Date	:31/03/2014	Address of Applicant :7500 Centurion Parkway, Jacksonville,
(33) Name of priority country	:U.S.A.	FL 32256, USA, U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RYUTA TAMIYA
(87) International Publication No	: NA	2)KAZUHIKO FUJISAWA
(61) Patent of Addition to Application Number	:NA	3)MASATAKA NAKAMURA
Filing Date	:NA	4)THOMAS L. MAGGIO
(62) Divisional to Application Number	:NA	5)MICHELLE CARMAN TURNAGE
Filing Date	:NA	6)MICHAEL R. CLARK

(57) Abstract:

The present invention relates to copolymers obtained by polymerizing a mono-functional silicone (meth)acrylamide monomer with a non-silicon containing, multi-functional (meth)acrylamide monomer having at least two (meth)acrylamide groups in a molecule. The shortest chain length of an organic group connecting any two (meth)acrylamide groups in the multi-functional (meth)acrylamide monomer is: i) 4 to 20 carbon atoms when every nitrogen atom of the (meth) acrylamide groups has at least one hydrogen atom directly bonded to the nitrogen atom; or ii) 1 to 20 carbon atoms when at least one nitrogen atom of any (meth)acrylamide groups has no hydrogen atom directly bonded to it.

No. of Pages: 78 No. of Claims: 30

(21) Application No.8660/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : LIGHT EMITTING DIODE ENDOSCOPIC DEVICES FOR VISUALIZATION OF DISEASED TISSUE IN HUMANS AND ANIMALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/635074 :18/04/2012 :U.S.A. :PCT/US2013/036840 :16/04/2013 :WO 2013/158683 :NA :NA	(71)Name of Applicant: 1)ONCOFLUOR INC. Address of Applicant:1211 Alameda Blvd. Coronado CA 92118 2710 U.S.A. (72)Name of Inventor: 1)LUIKEN George A.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Endoscopic devices and methods for imaging and treating organs and tissues are described. The endoscopic devices described herein include flexible endoscopes rigid endoscopes and capsule endoscopes. The endoscopic device may comprise one or more cameras and one or more light sources. In some embodiments the endoscopic device comprises at least one white light camera at least one blue light camera at least one white light source and at least one blue light source. In some embodiments fluorescent targeting constructs can be injected into the subject and bound to and/or taken up by a tumor or diseased tissue. Diseased tissue can be identified by viewing the fluorescence emanating from the fluorescent targeting constructs by illuminating an in vivo body part of the subject with light having at least one excitation wavelength in the range from 400 nm to about 510 nm.

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

(21) Application No.883/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AN IMPELLER FOR A CENTRIFUGAL PUMP, A CENTRIFUGAL PUMP AND A USE THEREOF

(51) International classification	:F04D 29/00	(71)Name of Applicant:
(31) Priority Document No	:14165689.2	1)SULZER MANAGEMENT AG
(32) Priority Date	:23/04/2014	Address of Applicant :Neuwiesenstrasse 15, 8401 Winterthur,
(22) Name of mission and ma	:EUROPEAN	Switzerland Switzerland
(33) Name of priority country	UNION	(72)Name of Inventor:
(86) International Application No	:NA	1)MATTI KOIVIKKO
Filing Date	:NA	2)KALLE TIITINEN
(87) International Publication No	: NA	3)SAMI VIRTANEN
(61) Patent of Addition to Application Number	:NA	4)JUSSI AHLROTH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an impeller (40) for a centrifugal pump, a centrifugal pump and a use thereof. The present invention relates especially to a novel closed impeller (40) structure for a centrifugal pump. The centrifugal pump utilizing the impeller of the present invention is suitable for pumping both clean liquids and solidsconta8ining liquids like for instance fibrous suspensions of pulp and paper or board industry.

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

(22) Date of filing of Application :02/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : THERMOELECTRIC MATERIALS THEIR PREPARATION AND THERMOELECTRIC DEVICES COMPRISING THEM

(31) Priority Document No :10305189.2 1)CO (32) Priority Date :25/02/2010 Add (33) Name of priority country :EPO York 14 (86) International Application No :PCT/US2011/025978 (72)Nan Filing Date :24/02/2011 1)GU	ame of Applicant: ORNING INCORPORATED ddress of Applicant:1 Riverfront Plaza Corning New 14831Â USA U.S.A. ame of Inventor: UILLAUME GUZMAN ANNEERSELVAM MARUDHACHALAM
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(57) Abstract:

The present invention relates to: a material containing Ge-doped ZnO as an n-type thermoelectric material, - a process for the preparation of said thermoelectric material, and a thermoelectric device comprising said material in its n-type part.

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

(21) Application No.8678/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BALL GAME APPARATUS

(51) International classification	:A63B67/00	(71)Name of Applicant:
(31) Priority Document No	:1206827.6	1)JOLLIFFE David Victor
(32) Priority Date	:18/04/2012	Address of Applicant :c/o World Golf Systems Limited
(33) Name of priority country	:U.K.	Queens House 200 Lower High Street Watford WD17 2EH U.K.
(86) International Application No	:PCT/GB2013/050979	2)JOLLIFFE Steven Paul
Filing Date	:18/04/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/156778	1)JOLLIFFE David Victor
(61) Patent of Addition to Application	:NA	2)JOLLIFFE Steven Paul
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A ball game apparatus comprises a control device (14,24,52,60) which defines a predetermined range of allowable movements of a ball (10,20,40,70) over space and time sensing means (12,22,42) for detecting the actual movements of a ball comparisonmeans for comparing an actual movement to the predetermined range of allowable movements and indicating means (16,34,54,62) for indicating the output of the said comparing. The sensing means (12,22,42) comprises a multi axis accelerometer contained in the ball and having accelerometer gyroscope and/or magnetometer functions. The ball may be activated by an internal magnetically operated switch (17,22, 47). The control device and indicating means can be incorporated in the ball itself or in a separate portable computing device.

No. of Pages: 25 No. of Claims: 18

(21) Application No.6332/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/07/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD OF MAKING SUPPORTED COPPER ADSORBENTS HAVING COPPER AT SELECTIVELY DETERMINED OXIDATION LEVELS

(51) International :B01D53/02,B01D53/48,B01D53/62 classification

(31) Priority Document No :13/367348

(32) Priority Date :06/02/2012 (33) Name of priority country:U.S.A.

(86) International :PCT/US2013/021620

Application No :16/01/2013 Filing Date

(87) International Publication :WO 2013/119359

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

Filing Date

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

(71)Name of Applicant:

1)UOP LLC

Address of Applicant: 25 East Algonquin Road P. O. Box

5017 Des Plaines Illinois 60017 5017 U.S.A.

(72) Name of Inventor:

1)KANAZIREV Vladislav I. 2) CASKEY Stephen R.

(57) Abstract:

A method of removing 0 CO H mercury and/or sulfur from a fluid stream using a sorbent comprising metallic copper. The metallic copper is formed from direct reduction of a supported copper oxysalt by exposure to a reducing agent at a temperature of between 40°C and 220°C.

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

(21) Application No.6785/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :02/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : GAS-CARBURIZED STEEL COMPONENT WITH EXCELLENT SURFACE FATIGUE STRENGTH GAS-CARBURIZING STEEL MATERIAL AND PROCESS FOR PRODUCING GAS-CARBURIZED STEEL COMPONENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/12/2011 :WO 2012/077705 :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant: 6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN Japan (72)Name of Inventor: 1)TATSUYA KOYAMA 2)MANABU KUBOTA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a steel product for gas carburizing used for manufacturing a carburized steel part. In the above steel product for gas carburizing, a composition of a base metal contains, in mass%, C: 0.1 to 5 0.4%, Si: exceeding 1.2 to 4.0%, Mn: 0.2 to 3.0%, Cr: 0.5 to 5.0%, Al: 0.005 to 0.1%, S: 0.001 to 0.3%, N: 0.003 to 0.03%, and 0: limited to 0.0050% or less, and P: limited to 0.025% or less, and when the contents of Si, Mn, and Cr (mass%) are set to [Si%], [Mn%], and [Cr%], Expression (1) below is satisfied, and an alloy shortage layer satisfying Expression (2) below exists in 10 a range from its surface to 2 to 50 μ m in depth. $32 \ge 3.5[Si\%] + [Mn\%] + 3[Cr\%] > 9 ... (1) 3.5[Si\%] + [Mn\%] + 3[Cr\%] \le 9 ... (2)$

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

(22) Date of filing of Application :30/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AQUEOUS INK JET PRINTING INK

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:14/256,938 :19/04/2014 :U.S.A. :NA	Address of Applicant :45 Glover Avenue, P.O. Box 4505, Norwalk, Connecticut 06856-4505 (US) U.S.A. (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)LEE, Frank, Ping-Hay 2)BRETON, Marcel, P.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)MAGDALINIS, Aurelian, Valeriu 4)D'AMATO, Michael, J.
(62) Divisional to Application Number Filing Date	:NA :NA	5)ABRAHAM, Biby, Esther

(57) Abstract:

An aqueous ink composition including water; a co-solvent; and an aqueous submicron colorant wax dispersion comprising a plurality of colorant wax particles comprising a colorant core surrounded by a wax shell, wherein the colorant wax particles exhibit a particle size distribution of from about 150 nanometers to less than about 300 nanometers; wherein the aqueous submicron colorant wax dispersion is prepared by (a) melting and mixing a dry colorant with at least one wax to form a colorant concentrate, wherein the colorant concentrate contains at least 25 percent by weight of colorant; (b) milling the colorant concentrate of step (a) to form a milled colorant concentrate; (c) combining the milled colorant concentrate of (b) with water and dispersing to form the colorant wax dispersion; wherein the melting and mixing of step (a) and the milling of step (b) is done in an immersion media mill or a horizontal mill; and wherein the combining of step (c) is done using a piston homogenizer.

No. of Pages: 36 No. of Claims: 10

(21) Application No.9222/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: COIL FORMING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01F 41/00 :1207811.9 :04/05/2012 :U.K. :PCT/EP2013/059204 :03/05/2013 :WO 2013/164431 :NA :NA	(71)Name of Applicant: 1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant: Turmstrasse 44, A-4031 Linz Austria (72)Name of Inventor: 1)CASTLE, Robert John
Filing Date	:NA	

(57) Abstract:

A combined unit for a coil forming device comprises an actuator (34) and a plurality of support members (30) coupled together in series connected to the actuator. Each support member further comprises a retractable shear blade (26).

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :23/03/2015

(43) Publication Date: 13/11/2015

(54) Title of the invention : PACKAGING UNIT FOR A PHARMACEUTICAL, MEDICAL, OR COSMETIC ITEM AND METHOD OF STERILIZING A PHARMACEUTICAL, MEDICAL, OR COSMETIC ITEM THAT CAN BE ARRANGED IN THE PACKAGING UNIT

(51) International classification	:B65B55/10	(71)Name of Applicant:
(31) Priority Document No	:10 2014 105 787.2	1)Schott AG Address of Applicant :Hattenbergstraße 10, 55122 Mainz
(32) Priority Date		(DE) Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)DEUTSCHLE, Gregor
Filing Date	:NA	2)PAWLOWSKI, Edgar
(87) International Publication No	: NA	3)WASSENBERG, Joern
(61) Patent of Addition to Application Number	:NA	4)DUBRAU, Isabell
Filing Date	:NA	5)AUERBACH, Judith
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a packaging unit (10) for at least one pharmaceutical, medical, or cosmetic item (12). The packaging unit (10) comprises: a sterilizing chamber (14) for accommodating the item (12), and a prechamber (16) which can be sealed repeatedly both from an exterior of the packaging unit (10) and from the sterilizing chamber (14); wherein the prechamber (16) has a wall that has portions comprising a wall material (18) exhibiting selective permeability for sterilizing agents (24, 26).

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

(21) Application No.714/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :17/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : "JOINT MEMBER†•

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (88) International Publication No Filing Date (89) International Publication No Filing Date (80) Divisional to Application Number Filing Date (81) International Publication No Filing Date (81) International Publication No Filing Date (81) International Publication No Filing Date (81) International Classification No Filing Date (82) International Classification No Filing Date (83) Name of priority country Filing Date (84) International Classification No Filing Date (85) International Classification No Filing Date (86) International Classification No Filing Date (87) International Classification No Filing Date (87) International Classification No Filing Date (88) International Classification No Filing Date (89) International Classification No Filing Date (80) International Classification No Filing Date (81) International Classification No Filing Date (81) International Classification No Filing Date (82) International Classification No Filing Date (81) International Classification No Filing Date (82) International Classification No Filing Date (82) International Classification No Filing Date (83) International Classification No Filing Date (84) International Classification No Filing Date (85) International Classification No Filing Date (86) International Classification No Filing Date (87) International Classification No Filing Date (87) International Classification No Filing Date (87) International Classification No Filing Date (88) International Classification No Filing Date (87) International Classification No Filing Date (87) International Classification No Filing Date (88) International Classification No Filing Date (89) International Classification No Filing Date (80) Internatio	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant: 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan Japan (72)Name of Inventor: 1)TAKAMASA IGUCHI 2)MASAHIKO TAKENAKA 3)KEN HASHIMOTO
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(57) Abstract:

To provide a joint member capable of joining parts not limited to edge portions, by both clinching and laser welding. [Means for solving the problems] A superimposed portion 103 of a main frame 41 and a down frame 44 is clinched by mechanical clinching, while a part at least in the vicinity of a clinched portion K formed by the clinching and except for the clinched portion K is joined by laser welding. [Selected Drawing] FIG. 4

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

(22) Date of filing of Application :02/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: ELECTRONIC FAUCET WITH A CAPACITIVE SENSING SYSTEM AND A METHOD THEREFOR.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E03C1/05 :12/763690 :20/04/2010 :U.S.A. :PCT/US2011/033241 :20/04/2011 :WO 2011/133665 :NA :NA	(71)Name of Applicant: 1)MASCO CORPORATION OF INDIANA Address of Applicant:55 East 111th Street Indianapolis IN 46280 U.S.A. (72)Name of Inventor: 1)SAWASKI Joel D. 2)VEROS Michael J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electronic faucet (10) comprises a spout (12) having a passageway configured to conduct fluid flow through the spout an electrically operable valve coupled to the passageway and a single capacitive sensor (26) coupled to a portion of the faucet. The single capacitive sensor provides both a touch sensor and a proximity sensor for the electronic faucet.

No. of Pages: 22 No. of Claims: 30

(22) Date of filing of Application :02/08/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: OPTICAL MONITORING IN A COMMUNICATIONS NETWORK ELEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/EP2010/052499 :26/02/2010 :WO 2011/103930 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)BRUNO Gianmarco
Filing Date	:NA :NA	

(57) Abstract:

A communications network element (10) comprises an input (12) to receive an input optical signal having an input spectral property and carrying input traffic an output (14) and a monitoring port (16). Optical signal processing apparatus (18) to receive the input signal and to form an output optical signal having an output spectral property and carrying output traffic. An optical splitter (20) to tap off a part of one of the input signal and the output signal to forma tapped signal having a respective one of the input spectral property and input traffic and the output spectral property and output traffic. Optical signal transforming apparatus (22) to receive the tapped signal and to apply an optical transfer function (OTF) to it to form an optical monitoring signal and to provide the monitoring signal to the monitoring port. The OTF preserves the spectral property of the tapped signal and applies a time domain obfuscation to the tapped signal.

No. of Pages: 36 No. of Claims: 16

(21) Application No.71/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :05/01/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: DRESSING HAVING THE CONTROLLED RELEASE OF ACTIVE AGENTS

:A61L15/28,A61L15/44 (71)Name of Applicant : (51) International classification (31) Priority Document No :1256829 1)LABORATOIRES URGO (32) Priority Date :13/07/2012 Address of Applicant :42 Rue de Longvic F 21300 Chenove (33) Name of priority country :France France (86) International Application No :PCT/EP2013/064718 (72) Name of Inventor: Filing Date :11/07/2013 1)DESMAISON NadÃ"ge (87) International Publication No :WO 2014/009488 2)RUAULT Aurélie (61) Patent of Addition to Application 3)AUGUSTE Stéphane :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to novel dressings containing polysulfated oligosaccharides and having the controlled release of said active ingredients. The invention also relates to a method for preparing same wherein the method comprises a treatment step using ethylene oxide. The invention also relates to the uses thereof for caring for wounds and for treating and/or preventing scars and stretch marks.

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

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUTO-TUNING OF NON-LINEAR PROCESSOR THRESHOLD

(51) International classification(31) Priority Document No(32) Priority Date	:1405965.3 :02/04/2014	11
(33) Name of priority country (86) International Application No	:U.K. :NA	Kings Langley, Hertfordshire WD4 8LZ United Kingdom U.K. (72)Name of Inventor:
Filing Date	:NA	1)MANI, Senthil Kumar
(87) International Publication No	: NA	2)NAMANI, Gandhi
(61) Patent of Addition to Application Number	:NA	3)AKELLA, Srinivas
Filing Date	:NA	4)PULUGURTHA, Sai Ravi Teja
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A threshold control system for controlling a non-linear processor in an echo canceller, the non-linear processor being configured to remove any signal energy below a threshold that remains in a microphone signal after the echo canceller has subtracted an echo estimate from it, the threshold control system comprising a convergence unit configured to determine an indication of the stability of an adaptive filter, the adaptive filter being configured to continuously model an echo path so as to generate the echo estimate, and a threshold tuner configured to adjust the threshold of the non-linear processor in dependence on the indication.

No. of Pages: 45 No. of Claims: 34

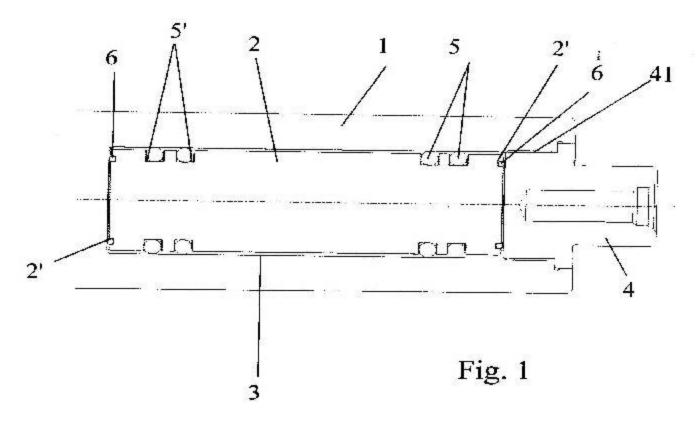
(22) Date of filing of Application :06/04/2009 (43) Publication Date : 13/11/2015

(54) Title of the invention: "TOOL HOLDER PROVIDED WITH A DAMPING MEANS"

(51) I	D22D20/02	
(51) International classification	:B23B29/02	(71)Name of Applicant:
(31) Priority Document No	:0852416	1)E.P.B.
(32) Priority Date	:10/04/2008	Address of Applicant :8B RUE DE NEUWILLER-67330
(33) Name of priority country	:France	BOUXWILLER (FRANCE). France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)OSTERMANN MATHIEU
(87) International Publication No	:NA	2)FREYERMUTH ALAIN
(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 tool holder, such as a reaming head (1), or a milling arbor, provided with a damping means (2) in the form of an elongated body, which is arranged in an end compartment (3) of the tool holder (1), which compartment is of appropriate shape and size, and closed at its end by a body (4) for receiving a reaming head or by a milling element. Tool holder characterized in that the damping means (2) is of the type presenting only radial absorption, and it is provided with at least one elastically deformable means (5), at least close to each end, where said elastically deformable means (5) extend between the envelope of the damping means (2) and the wall of the compartment (3) of the tool holder (1), and are clamped between the wall of the compartment (3) and the damping means (2), and where the ends of the damping means extend in the compartment (3) without stress. The invention is applicable more particularly in the field of accessories for machine tools, with digital control, machining centers, flexible cells and workshops.



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

(21) Application No.712/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: LINEAR DRIVE, PISTON PUMP ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02K33/12 :102014205209.2 :20/03/2014 :Germany :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)ROBERT BOSCH GmbH Address of Applicant:Postfach 30 02 20, 70442 Stuttgart, Germany Germany (72)Name of Inventor: 1)KRATZER, Dietmar 2)KURZ, Edgar
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(57) Abstract:

The present subject matter relates to a linear drive (3), particularly for a piston pump arrangement (1), comprising an axially displaceable drive piston (2), and a first electromagnetic driving unit (10) and a second electromagnetic driving unit (11) for displacing the drive piston (2), wherein at least one spring element (17) is disposed to the drive piston (2), which is axially clamped between the drive piston (2) and a housing (4) overlying the drive piston (2). It is provided that a retaining element (22) for the spring element (17) is disposed on the drive piston (2), and the spring element (17) is formed as annular disk spring (25) axially pushed on the retaining element (22).

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

(21) Application No.6766/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/08/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention: LED LIGHTING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:05/10/2010 :WO 2011/105674 :NA :NA	(71)Name of Applicant: 1)ICEPIPE CORPORATION Address of Applicant: (Gasan dong Byucksan Digital Valley 6 cha) Suite 1309 219 Gasan Digital 1 ro Geumcheon gu Seoul 153 803 Republic of Korea (72)Name of Inventor: 1)LEE Sang Cheol
- 10	:NA :NA :NA	

(57) Abstract:

Disclosed is a light emitting diode (LED) lighting apparatus. The LED lighting apparatus comprises: a light source module comprising an LED light source; a thermal base coupled to the light source module so as to receive heat generated by the light source module; and a heat dissipating member comprising a ventilation unit coupled to an edge region of the thermal base so as to discharge heat transmitted from the thermal base and open a central area of the thermal base so as to facilitate air ventilation to the outside. The LED lighting apparatus can increase heat dissipating efficiency by maximizing ventilation efficiency and enabling air around the heat dissipating member to flow smoothly without stagnating.

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :13/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: GROUND LEVEL POWER SUPPLY SYSTEM FOR A NON-GUIDED VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:14 52527 :25/03/2014 :France :NA :NA : NA :NA	(71)Name of Applicant: 1)ALSTOM TRANSPORT TECHNOLOGIES Address of Applicant: 3 av André Malraux 92300 LEVALLOIS PERRET, France France (72)Name of Inventor: 1)HOURTANE, Jean-Luc
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The inventive system, of the conduction type, comprises: a pair of power supply tracks, comprising a so-called live conductive track (11), designed to be electrically connected to a voltage source, and a so-called neutral conductive track (12), for the current return, designed to be electrically connected to a reference potential (Vref), the neutral track traveling parallel to the live track on a first side thereof; and a protective conductive track (13), designed to be connected to a ground potential, the protective track traveling parallel to the live track (11) on a second side thereof, opposite the first side. The system is installed in a roadway such that the live, neutral and protective conductive tracks are flush with a surface (18) of the roadway (2).

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

(21) Application No.8714/DELNP/2014 A

(19) INDIA

(22) Date of filing of Application :16/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : DECELERATION DEVICE FOR A DIRECTLY ELECTROMECHANICALLY ACTUATED PLANETARY GEAR ASSEMBLY IN A SEAT ADJUSTMENT MECHANISM AND METHOD FOR OPERATING A DECELERATION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:B60N2/22 :10 2012 007 758.0 :20/04/2012 :Germany :PCT/EP2013/058141 :19/04/2013	
(33) Name of priority country	•	Burscheid Germany
Filing Date	:19/04/2013	(72)Name of Inventor:
(87) International Publication No(61) Patent of Addition to Application	:WO 2013/156583	1)KIENKE Ingo
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a deceleration device (22) for a directly electromechanically actuated planetary gear assembly (P) in a seat adjustment mechanism. According to the invention the deceleration device (22) is integrated into the structural unit consisting of the planetary gear assembly (P) and the electromechanical actuator therefor. The invention further relates to a method for operating a deceleration device (22) for a directly electromechanically actuated planetary gear assembly (P) in a seat adjustment mechanism.

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

(21) Application No.706/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: IGNITION CONTROLLER FOR VEHICLE ENGINE

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:2014- 055047	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan, Japan (72)Name of Inventor: 1)KENJI NISHIDA
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	2)RYOSUKE IBATA 3)HIROTAKA KAWATSU 4)TETSUVA KANEKO
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	4)TETSUYA KANEKO

(57) Abstract:

To provide an ignition controller for a velicle engine that allows appropriately switcling the ignition timing table while preventing occurrence of Icnocking. [Solution] An ignition controller for a vehicle engine having a V-belt continuously variable transmission TM and a centrifugal clutch CL for a drive system includes: engine-load-ratio estimation means 30 that estimates a load ratio LR of an engine E based on a variation amount AGO of a crank angle speed of a crankshaft 1 in the engine E; an ignition-timing calculation means 60 that calculates an ignition timing based on a spark-advance-side table 61 or a spark-retard-side table 62 selected corresponding to the load ratio LR; centrifugal-clutch coupling-condition determination means 40 that determines a coupling condition of the centrifugal clutch CL; and ignition-timing correction means 52 that corrects an ignition timing toward a spark advance side by application of the spark-advance-side table 61 when the centrifugal clutch CL is determined to be in a non-coupling condition even in the case where the spark-retard-side table 62 is selected corresponding to the load ratio LR.

No. of Pages: 43 No. of Claims: 5

(22) Date of filing of Application :31/03/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR COMPUTING A RANGE OF POSITIONS OF A RAILWAY VEHICLE ON A RAILWAY TRACK AND ASSOCIATED DEVICE

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date :N	IA 1)BRESSON, Mathieu NA 2)PAIVA, Felipe IA
(62) Divisional to Application Number :N Filing Date :N	· ·

(57) Abstract:

This method for computing a range of positions of a railway vehicle (2) on a railway track (4), said range of positions corresponding to a segment of the track (4) between a front end and a rear end, is characterized in that it includes the steps: - identifying, by sensors on the track (8), a block (6) of the railway track (4) occupied by the railway vehicle (2); - transmitting to a computer (12) on the ground, an identifier of the occupied block (6); and, - computing, by the ground computer (12) a range of positions (Sd) of the railway vehicle (2) by taking into account a geographic position of the occupied block (6) associated with the identifier of said occupied block (6).

No. of Pages: 19 No. of Claims: 8

(21) Application No.4261/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "INDUCTION OF PLURIPOTENT CELLS"

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51/252,548 (16/10/2009 (15/10/2010 (15/10/20	(71)Name of Applicant: 1)THE SCRIPPS RESEARCH INSTITUTE Address of Applicant:10550 NORTH TORREY PINES SROAD, MAIL TPC-8, LA JOLLA, CA 92037, UNITED STATES OF AMERICA U.S.A. (72)Name of Inventor: 1)LIN, TONGXIANG 2)DING, SHENG
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(57) Abstract:

The slow kinetics and low efficiency of reprogramming methods to generate human induced pluripotent stem cells (iPSCs) impose major limitations on their utility in biomedical applications. Here we describe a chemical approach that dramatically improves (>200 fold) the efficiency of iPSC generation from human fibroblasts, within seven days of treatment. This will provide a basis for developing safer, more efficient, non-viral methods for reprogramming human somatic cells.

No. of Pages: 112 No. of Claims: 37

(21) Application No.4262/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHOD FOR PRODUCING POLYCARBONATE"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08G 64/26 :2009-261722 :17/11/2009 :Japan :PCT/JP2010/070054 :10/11/2010 :WO 2011/062104 :NA :NA :NA	(71)Name of Applicant: 1)ASAHI GLASS COMPANY, LIMITED Address of Applicant:5-1, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8405 (JP) Japan (72)Name of Inventor: 1)NOMURA, JUMPEI 2)OKAZOE, TAKASHI 3)OKAMOTO, HIDEKAZU
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(57) Abstract:

The present invention relates to a method for producing a polycarbonate, containing melt-polycondensing a diol component containing a compound represented by the following formula (1) with a fluorine-containing carbonate: [Chem. 1] here, R1 and R2 are each independently hydrogen atom, C1-10 alkyl group, C6-10 cycloalky] group, or C6-10 aryl group, and two of R1 "s and two of R2"s may mutually be the same or different; X is C1-6 alkylene group, C6-10 cycloalkylene group, or C6-10 arylene group, and a plurality of X"s may be the same or different; and in and n are each independently an integer of from 1 to 5.

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

(21) Application No.4263/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "IMPROVED NEURTURIN MOLECULES"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K 14/47 :61/256,352 :30/10/2009 :U.S.A. :PCT/US2010/054419 :28/10/2010 :WO 2011/053675 :NA :NA :NA	(71)Name of Applicant: 1)NTF THERAPEUTICS, INC. Address of Applicant:1005 N. WARSON ROAD, STE. 218, ST. SOUIS, MA 63132, U.S.A. U.S.A. (72)Name of Inventor: 1)RUNEBERG-ROOS, PIA 2)BESPALOV, MAXIM 3)PENN, RICHARD 4)SAARMA, MART
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(57) Abstract:

Neurturin polypeptides which possess reduced heparin and heparan sulfate binding affinity but retain neurotrophic activity, nucleic acids which encode the neurturin variants and vectors and host cells which express the enhanced neurturin polypeptides. Use of the enhanced neurturin polypeptides, nucleic acids and host cells in the treatment or prevention of disease.

No. of Pages: 91 No. of Claims: 11

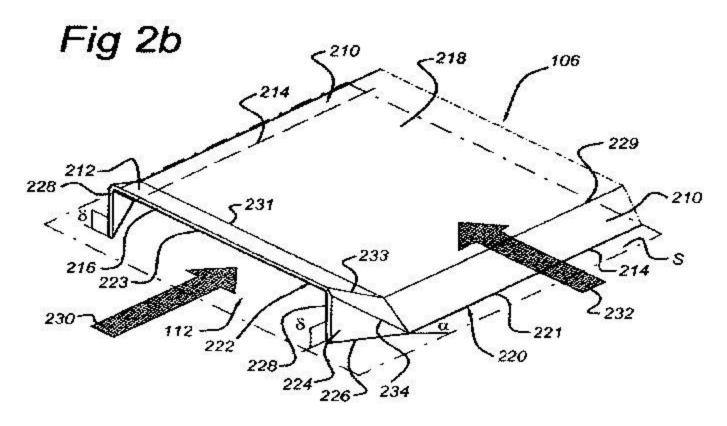
(22) Date of filing of Application :15/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : PLATE TYPE HEAT EXCHANGER AND METHOD OF MANUFACTURING HEAT EXCHANGER PLATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:F28D 9/00 :2003983 :18/12/2009 :Netherlands :PCT/NL2010/050858 :17/12/2010 :WO 2011/074963 :NA :NA	(71)Name of Applicant: 1)DINULESCU, MIRCEA Address of Applicant:GROEN VAN PRINSTERERLAAN 37, NL-2271 EM VOORBURG THE NETHERLANDS (NL) Netherlands (72)Name of Inventor: 1)DINULESCU, MIRCEA
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a heat exchanger plate (106) having first surface portions (210) located along first plate edges (220) and comprising first contacting regions (214), and second surface portions (212) located along second plate edges (222). The first surface portions (210) are bent to a first side yielding a first partial fluid channel (230), and the second surface portions (212) are bent to a second side yielding a second partial fluid channel (232). The first contacting regions (214) define a plane (S). The heat exchanger plate (106) has corner surface portions (224) comprising first corner edge portions (226) and second corner edge portions (228). At least two corner surface portions (224) are bent inward with respect to the first partial fluid channel (230) such that their first corner edge portions (226) are in the plane (S), while their second corner edge portions (228) are perpendicular to the plane (S).



No. of Pages: 32 No. of Claims: 14

(21) Application No.563/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :26/02/2015 (43) Publication Date : 13/11/2015

(54) Title of the invention: BOTTLE CROWN WITH OPENER ASSEMBLY

(51) International classification	:B65D41/34	(71)Name of Applicant:
(31) Priority Document No	:10311634	1)FRISHMAN, Abe
(32) Priority Date	:28/03/2014	Address of Applicant :2924 Cambridgeshire, Carrollton, TX
(33) Name of priority country	:Taiwan	75007, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)FRISHMAN, Abe
(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 crown for a bottle or other container has a top portion and an annular skirt that descends contiguously from the top portion. An opener assembly and an arrangement of frangible scoring lines on the crown allow for ease of opening the bottle or container. Corrugated embodiments provide material strengthening for a reduced gauge crown.

No. of Pages: 91 No. of Claims: 22

(22) Date of filing of Application :25/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AN IMPROVED MOULDED CASE CIRCUIT BREAKER

(51) International classification	:H01H1/20, H01H73/22	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box 278,
(32) Priority Date	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PHILIP, Anoop
Filing Date	:NA	2)GUPTA, Mukul
(87) International Publication No	: NA	3)KANADE, Omkar
(61) Patent of Addition to Application Number	:NA	4)VETTIYATTIL, Sanjai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract .	.1121	

(57) Abstract:

A molded case circuit breaker (MCCB) with a contact system (1) assembly, an operating mechanism (2) assembly, a release (3) assembly, and other parts (4) forming outer body is disclosed. The molded case circuit breaker (MCCB) comprises of at least one pole (11) assembly in the contact system (1) assembly. The operating (2) mechanism assembly comprises of a user interface, at least two shaft pins (22), at least two lower links (21), at least two mounting screws and nuts (12), at least two release side spacers (126), a TAC actuator (127), an aux actuator and an EOM actuator, a knob (23), and a chassis (42) with at least two features (423, 424). The operating mechanism (2) assembly is then assembled with the said at least one pole (11) and the knob (23) is assembled with a cover (24) for an ingress protection.

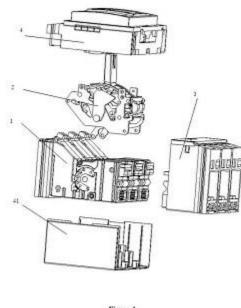


Figure 4

No. of Pages: 39 No. of Claims: 16

(22) Date of filing of Application :25/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD OF EARTH FAULT DETECTION USING CURRENT UNBALANCE

(51) International classification	:H02H7/00, H02H1/06	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box 278,
(32) Priority Date	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)VEJLANI, Zainab
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	
(F7) A1		·

(57) Abstract:

A method for earth fault detection using current unbalance is disclosed. In one implementation, the method uses neutral presence and current unbalance to avoid tripping if current unbalance is above a predefined threshold. Earth current is calculated using vector sum. If Earth current is above a predefined threshold then neutral current presence is checked. If neutral current is above a threshold called zero thresholds or noise threshold then neutral is connected and system issues the action. Current unbalances without neutral current indicates neutral disconnect. If neutral current is below the zero thresholds then calculate current unbalance. Unbalance above a certain limit indicates earth fault presence and take action. If no current imbalance is observed then earth current formation is due to neutral absence and take action accordingly.

No. of Pages: 16 No. of Claims: 8

(22) Date of filing of Application :25/03/2014

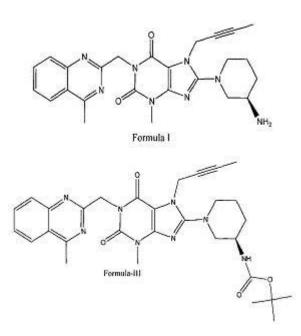
(43) Publication Date: 13/11/2015

(54) Title of the invention: "AN IMPROVED PROCESS FOR THE PREPARATION OF LINAGLIPIN".

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)AMOLI ORGANICS PVT. LTD,. Address of Applicant: 407, DALAMAL HOUSE, J.B.ROAD, NARIMAN POINT, MUMBAI-400021, MAHARASHSTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)JOSHI NARENDRA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)VERDIA JITENDRA 3)PANDYA JUGALKISHOR
(62) Divisional to Application Number Filing Date	:NA :NA	4)KOTHADIYA SAGAR

(57) Abstract:

The invention encompasses an improved process for the synthesis of Linagliptin, denoted by Formula-1 by deprotecting a tert-butyloxy carbony] (Boc)-protected compound of-Formula-III in presence of organic acids such as formic acid, sulfonic acids such as 4-methylbenzenesulfonic acid (PTSA), methanesulfonic acid (MSA), ethane sulfonic acid, benzene sulfonic acid, trifluoromethane sulfonic acid, p-chlorobenzenesulfonic acids and inorganic acids such as orthophosphoric acid which are commercially available at considerably lower costs and providing improved purity and yield of the resulting product (Linagliptin).



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

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUXILIARY CONTACT DEVICE FOR SWITCHING DEVICES

(51) International classification	:H04N 21/214	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date		HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001,
(33) Name of priority country		INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JANARDHAN REDDY
(87) International Publication No	: NA	2)NAYAN B. DEGDA
(61) Patent of Addition to Application Number	:NA	3)AMEYA S. JOSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract:

Disclosed is an auxiliary contact device for a switching device. The auxiliary contact device is mounted to a bottom of any switching device by utilizing lesser space on a din-rail inside a distribution box. The auxiliary contact device comprises a lever and a micro-switch. The lever is activated by a moving contact of the switching device when not in a welded condition for actuating the micro-switch to indicate true contact position of the switching device. The auxiliary contact device enables the switching device to achieve termination of different types.

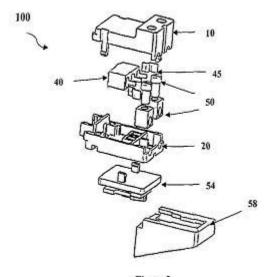


Figure 3

No. of Pages: 17 No. of Claims: 5

(22) Date of filing of Application :25/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: CLICK INTERCHANGEABLE PROCESS FOR MANUFACTURE OF JEWELERY

(51) International classification	,	(71)Name of Applicant:
	A44C13/00	=/
(31) Priority Document No	:NA	Address of Applicant :Plot 56-B, Seepz, Andheri (East), Mumbai –
(32) Priority Date	:NA	400096, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Mahesh Sahdev Salaskar
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		

(57) Abstract:

The present subject matter relates to a jewelry item and a method with a peculiar mechanism employed for manufacturing jewelry items of choice. The invention describes a jewelry item with a core top (3, 3A, 3B) assembled with a mounting base (1, 1A, IB). The locking part (7, 7A, 7B) through a leg (9, 9A, 9B) gets locked in a leg hole (14, 14A, 14B) of the core top (3, 3A, 3B). The locking part is provided with a base (8, 8A, 8B) for interchangeably mounting a head (2, 2A, 2B) over the base. There is provided a releasing mechanism in the form of a press clip (10) and a metal spring (11) for actuating interchanging of the head and a core bottom (13,13A, 13B) is fitted in a J Back (15,15A, 15B) for securing the assembly of the mounting base and core top.

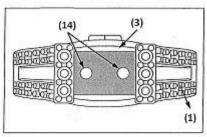
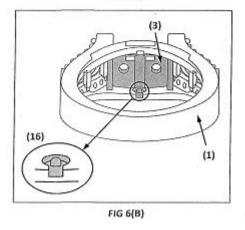


FIG 6(A)



No. of Pages: 63 No. of Claims: 13

(22) Date of filing of Application :25/03/2014

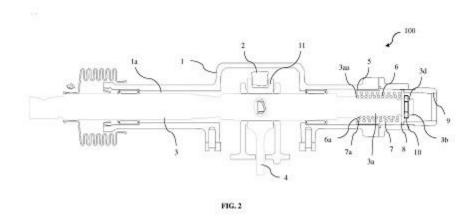
(43) Publication Date: 13/11/2015

(54) Title of the invention: A GEAR SHIFT SELECT MECHANISM FOR A GEAR BOX OF A VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16H63/32, F16H63/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA MOTORS LIMITED Address of Applicant: Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai – 400 001, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)YUVARAJ M JADHAV 2)YOGESH K. CHANDGUDE
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(57) Abstract:

The present disclosure provides a shift select mechanism for a gear box of a vehicle. The mechanism comprising housing, and a select lever positioned in a shift socket of the housing. Further, a shifter shaft disposed in a central bore of the housing, wherein the shifter shaft is coupled to the select lever. The shifter shaft is configured with a threaded portion extending from the first end of the shifter shaft up to a second predetermined distance in axial direction. A pair of springs are placed concentrically to each other and provided around the shifter shaft. The pair of springs are configured to assist the movement of shifter shaft to move the shift lever to neutral position. The mechanism further includes at least one nut threadingly connected to the first end of the shifter shaft to adjust force on the shift lever through the shift shaft.



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

(43) Publication Date: 13/11/2015

(19) INDIA

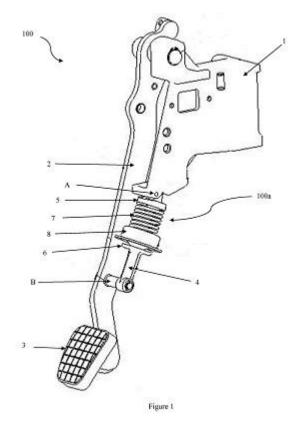
(22) Date of filing of Application :27/03/2014

(54) Title of the invention: CLUTCH PEDAL ASSISTANCE MECHANISM

(51) International classification	:B60K23/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(33) Name of priority country	:NA	Hutatma Chowk, Mumbai – 400 001, Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Deepak Raghavendra Ravindra
(61) Patent of Addition to Application Number	:NA	2)Mogadpalli Gajanan Pandurang
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A mechanical clutch actuation system for a vehicle comprising a first resilient member provisioned in between the first stopper plate and a housing member, wherein the first resilient member is configured to apply a depression resisting force to the pedal arm upon movement of said pedal arm between an initial position (IP) up to a first toggle position (FTP), and a forward pedal assisting force upon movement of the pedal arm between the first toggle position (FTP) up to a second position (SP) and final position (FP). A second resilient member configured within the housing member, wherein, the second resilient member is configured to apply a reverse pedal resisting force upon movement of pedal arm between the final position (FP) up to a second position (SP).



No. of Pages: 24 No. of Claims: 13

(22) Date of filing of Application :27/03/2014

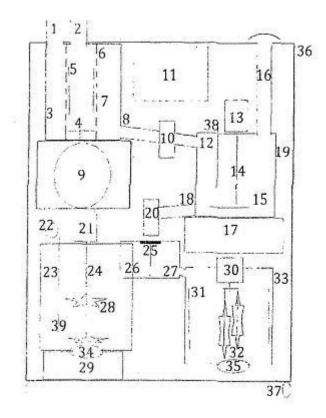
(43) Publication Date: 13/11/2015

(54) Title of the invention: MOBILE SOY MILK MACHINE

(51) International classification	:A01J5/003	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHAH, MONARCH J.
(32) Priority Date	:NA	Address of Applicant :38, NILKANTH NAGAR, OPP. PAYAL
(33) Name of priority country	:NA	COMPLEX, SARDAR GUNJ ROAD, ANAND-388001, GUJARAT,
(86) International Application No	:NA	INDIA. Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SHAH, MONARCH J.
(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 small scale machine with full hygienic and automated process from feeding soybeans to final flavored and/or homogenized soy milk in a single unit which is movable easily and may be sold out outside restaurants, gym, gardens, and malls and like places. Soy Milk is now being accepted and becoming widely consumed in many African as well Asian countries including India because of its high nutritive value and high protein content. It has many health benefits including Weight Loss, More Energy, Heart Health. Skin, Hair. Nail Health, Bone Health, Menopause Relief, Memory Health, Antioxidant Health, Prostate Health, Colon & Digestive Tract Health. Kidney Health, Fertility Health and many more. Also, Soy milk is nutritionally close to cow"s milk. Soya is popular as a rich source of protein. Soy milk is promoted as healthy alternative to cow"s milk. This equipment is divided in such a manner that we have to feed ingredients according to required final flavored milk. In machine itself quantity is rectified, mixed, processed and it works in specific manner under controlled parameters and it automatically makes the final product. This machine is equipped with safety fuses, temperature indicator and controller and its compact and its design makes it looking attractive so in case of selling outside mall and restaurants, consumer will be attracted due to noise free operation and healthy, hygienic, nutrient rich and cost efficient products.



No. of Pages: 12 No. of Claims: 4

(22) Date of filing of Application :27/03/2014

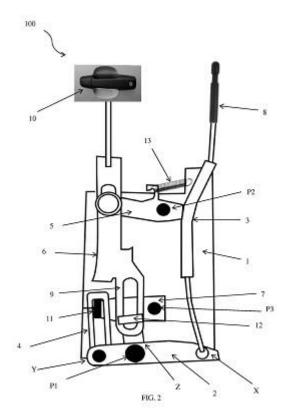
(43) Publication Date: 13/11/2015

(54) Title of the invention: A LOCKING MECHANISM FOR A DOOR

	:E05B	(71)Name of Applicant :
(51) International classification	63/00,	1)TATA MOTORS LIMITED
	E05F15/06	Address of Applicant :Bombay House, 24 Homi Mody Street,
(31) Priority Document No	:NA	Hutatma Chowk, Mumbai – 400 001, Maharashtra, India Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MANGESH DADA GANGRUDE
Filing Date	:NA	2)KUNAL SURESH GAIKWAD
(87) International Publication No	: NA	3)PURWANT KONDIBHAU BHIKU
(61) Patent of Addition to Application Number	:NA	4)SHAHAJI MARUTI CHAVAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An integrated door locking mechanism for a vehicle comprising a first pivot member and second pivot member pivotally mounted on the base unit. A first actuation link is configured to first end of the three ends of the first pivot member. A second actuation link is configured with a second slotted link, and is pivotally fixed to one end of the second pivot member. A latch mechanism having a first latch member is configured on the base unit intermediate to the first pivot member and the second pivot member. A first slotted link configured to a second end of the three ends of the first pivot member is provided over the first latch member of the latch mechanism. Linear movement of the first actuation link operates the first slotted link on the latch mechanism to switch the latch mechanism between door locked condition, door unlocked condition and door open condition.



No. of Pages: 27 No. of Claims: 11

(22) Date of filing of Application :27/03/2014

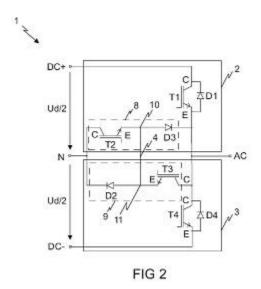
(43) Publication Date: 13/11/2015

(54) Title of the invention: 3-LEVEL-CONVERTER-HALF-BRIDGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H02M7/487, H01L23/48 :102013104081.0 :23/04/2013 :Germany :NA :NA : NA	(71)Name of Applicant: 1)SEMIKRON ELEKTRONIK GMBH & CO. KG Address of Applicant :SIGMUNDSTRASSE 200, 90431 NUERNBERG, GERMANY Germany (72)Name of Inventor: 1)Ingo Staudt
Filing Date	:NA	1)Ingo Staudt
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a 3-level power converter half-bridge comprising a first substrate (2) and a second substrate (3), which is arranged isolated from the first substrate (2), wherein the power semiconductor switches (T1, T2, T3, T4) and diodes (D1, D2, D3, D4) of the 3-level power converter half-bridge (1) are divided between a first substrate (2) and a second substrate (3) in such a way that, during preferred operation of the 3-level power converter half-bridge (1) with a high power factor, there are no or there are only rarely current commutations between the power semiconductor switches (T1, T2) and diodes (D1, D3), which are arranged on the first substrate (2), and the power semiconductor switches (T3, T4) and diodes (D2, D4) which are arranged on the second substrate (3). The invention provides a 3-level power converter half-bridge (1) with reduced switching overvoltages.



No. of Pages: 25 No. of Claims: 3

(21) Application No.1141/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: LOW DOSE PHARMACEUTICAL COMPOSITION

(51) International classification	,	(71)Name of Applicant:
	A61K31/506	
(31) Priority Document No	:NA	Address of Applicant :CIPLA HOUSE, PENINSULA BUSINESS
(32) Priority Date	:NA	PARK, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI-
(33) Name of priority country	:NA	400 013, MAHARASHTRA, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MALHOTRA, Geena
(87) International Publication No	: NA	2)RAUT, Preeti
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract:

The present invention relates to a pharmaceutical composition comprising a tyrosine kinase inhibitor and one or more pharmaceutically acceptable excipients, a process for preparing such pharmaceutical composition and its use in the treatment of renal cell carcinoma and soft tissue sarcoma.

No. of Pages: 40 No. of Claims: 22

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/11/2015

$(54) \ Title \ of \ the \ invention: A \ MECHANISM \ AND \ METHOD \ OF \ MOUNTING \ A \ REGISTRATION/NUMBER \ PLATE \ FOR \ PREVENTING \ THEFT$

(51) International classification	:H04M1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :Bombay house, 24 Homi Mody Street, Hutatma
(33) Name of priority country	:NA	Chowk, Mumbai 400 001, Maharashtra, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KAUSHIK KUMAR LAYAK
(87) International Publication No	: NA	2)AMIT MAGADUM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The embodiments herein disclose an apparatus (10) with an anti-theft mechanism for security of number plate system. The apparatus (10) comprises a bumper (11), a number plate (20), a grommet (15) and a screw or fastener (17). During mounting of the number plate (20) on the bumper (11), the screw has to be rotated in clockwise direction for tightening. During tightening of the screw, the stopper (14) in the bumper (11) restricts rotation of the grommet (15) by the flange (16) provided on the grommet (15) thereby applying the required tightening torque. While trying to remove the number plate (20), the screw has to be rotated in the anti-clockwise direction. While rotating the screw in anticlockwise direction, the grommet (15) rotates and slides over the stopper (14) in the bumper (11) thereby restricting to remove the number plate (20) without removing the bumper (11) from the vehicle.

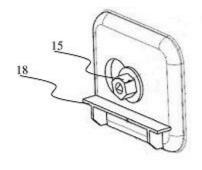


Fig. 6

No. of Pages: 26 No. of Claims: 11

(22) Date of filing of Application :25/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: FLUID DELIVERY PEN WITH FINAL DOSE STOP AND IMPROVED DOSE SETTING FEATURES

(51) International classification	:A61M5/31, A61M5/24	(71)Name of Applicant: 1)WOCKHARDT LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Matthew Stephenson
Filing Date	:NA	2)Barry Knight
(87) International Publication No	: NA	3)Stephen Knowles
(61) Patent of Addition to Application Number	:NA	4)Joshi, Umesh
Filing Date	:NA	5)Tyagi, Ashok
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		-

(57) Abstract:

The fluid delivery pen of the present invention has a reduced dose setting friction mechanism which may produce a sound of higher audibility for each click corresponding to one unit dose set using a dose setting mechanism and also produces a sound of lower audibility than the former for each click when the set dose is reduced using the dose setting mechanism. The fluid delivery pen driving mechanism of the present invention has an indication to an end of dose of fluid in a cartridge.

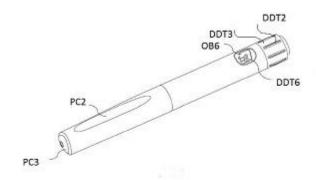


FIG. 1

No. of Pages: 70 No. of Claims: 65

(43) Publication Date: 13/11/2015

(19) INDIA

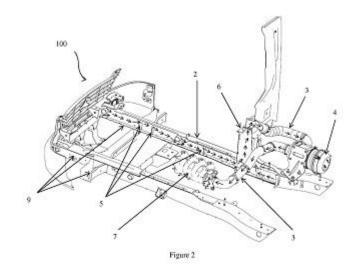
(22) Date of filing of Application :25/03/2014

(54) Title of the invention: AN AIR INTAKE SYSTEM FOR A VEHICLE

	:F02M (71)Name of Applicant : 35/10, 1)TATA MOTORS LIMITED
(51) International classification	F02D Address of Applicant :Bombay House, 24 Homi Mody Street,
	9/00 Hutatma Chowk, Mumbai – 400 001, Maharashtra, India Maharashtra
(31) Priority Document No	:NA India
(32) Priority Date	:NA (72)Name of Inventor :
(33) Name of priority country	:NA 1)UDAY KUMBHAR
(86) International Application No	:NA 2)RAMA KRISHNA REDDY Y
Filing Date	:NA 3)PANHALKAR PRADIP
(87) International Publication No	: NA 4)CHRISTOPHER JOHN
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(57) Al-4	

(57) Abstract:

An air intake system for a vehicle, comprising: a chassis of the vehicle is configured as a primary air intake duct which channelizes the air from first opening of the chassis up to a second opening of the chassis. An auxiliary intake port removably connected to the second opening of the chassis wherein, an intake duct of an air filter is removably connected to the auxiliary intake port for channelizing the air to the engine.



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

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SUPER CONDUCTIVE ALLOY AND NOVEL PROCESS FOR PREPARING THE SAME

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number	:C07C 67/10 :NA
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(57) Abstract:

An alloy ideally having a combination of 18 different metal elements in varying proportions has been prepared using a novel process. The alloy leads to increase of upto 58% in conductivity which leads to increase in current generated and hence power output in generators and up to 67% less resistivity. The reason behind the increase in conductivity and reduction in resistivity is the unique process employed to create an alloy using combination of specifically relevant metals which changes the individual properties of the metals leading to an increase in the movement of electrons which causes a proportional increase in the flow of current and hence the power output generated. The alloy is ductile, has high tensile strength and is economical to make and is a highly conductive one with very low resistance. This makes it ideal as a wire to be used for transmission as it helps reduce transmission losses.

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

(22) Date of filing of Application :28/03/2014

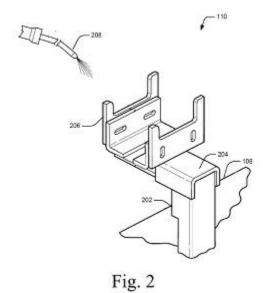
(43) Publication Date: 13/11/2015

(54) Title of the invention: COATING FOR A CARRIER

(51) International classification	:B05C13/02, B05D3/00	(71)Name of Applicant: 1)VOLKSWAGEN INDIA PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant :E1, MIDC Industrial Area (Phase III) Chakan,
(32) Priority Date	:NA	Pune-410501 Maharashtra Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)SHUKLA, Binod Kumar
Filing Date	:NA	2)AGARWAL, Deep
(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	
(55) 11		1

(57) Abstract:

The present subject matter relates to a skid carrier (110) for supporting an article (102) during a painting process. In accordance with the present subject matter, the skid carrier (110) comprises a carrier frame (102) and a non-cohesive substance coated on entire surface of the carrier frame (102). The non-cohesive substance reduces the extent of cohesion of the paint and the surface of the skid carrier (110). The non-cohesive substance is electrostatically dissipating and has surface energy between 17-21 mN/m.



No. of Pages: 19 No. of Claims: 7

(43) Publication Date: 13/11/2015

(19) INDIA

(22) Date of filing of Application :29/03/2014

(54) Title of the invention: TREE TRANSPLANTER FOR AGRICULTURAL/NURSERY IMPLEMENTATION

A01G12/6	0 (71)NJ
(51) International classification	0, (71)Name of Applicant:
A01G23/0	-/ -/
(31) Priority Document No :NA	Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna
(32) Priority Date :NA	Road, Nagpur Maharashtra-440016 Maharashtra India
(33) Name of priority country :NA	2)G.H.R. Labs and Research Centre
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)Vaibhav S. Trivedi
(87) International Publication No : NA	2)Kaustubh K. Zinjarde
(61) Patent of Addition to Application Number :NA	3)Gaurav S. Ambatkar
Filing Date :NA	4)Fuzail Ahmad
(62) Divisional to Application Number :NA	5)Laukik P. Raut
Filing Date :NA	

(57) Abstract:

Present invention provides specially design, development and fabrication of a tree transplanter which is a mechanical device which will felicitate the movement of tree from area of work/development, to the area suited for the tree's needs. A transplanter is used to shift a grown plant, shrub, bush and likes from one location to another. The transplanter being equipped with cutting blades which converge when forced around the plant inside the ground to prune the roots of the plant and sever a mass of earth around it. The plant and the root ball are held by the machine until it is placed in a new location. The system uses lifting mechanism and digging apparatus which are controlled by hydraulic cylinders. The digging apparatus is designed with lowest profile possible to minimize the removal of lower branches of the tree. The machine is appropriate for nurseries and gardens and can be used to completely change the scenario of any region. Following invention is described in detail with the help of Figure 1 of sheet 1 showsing, Figure 2 of sheet 2 showing, Figure 1 of sheet 1 shows design, development and fabrication of tree transplantation, Figure 2 of sheet 2 shows different views of the spade used for digging purpose, Figure 3 of sheet 2 shows different views of the guide box, Figure 4 of sheet 3 shows the side view, sectional view and the isometric view of the spade mounted on guide box, Figure 5 of sheet 4 shows the back view, isometric view and side view of the lifting mechanism used, Figure 6 of sheet 5 shows an upper perspective view of present invention with spades in open digging position, Figure 9 of sheet 6 shows an upper perspective view of present invention with spades in closed digging position, Figure 10 of sheet 7 shows a sectional view of digging apparatus in closed digging position and Figure 11 of sheet 7 shows a side view of transplanter with spades in closed digging position.

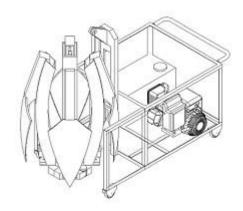


Figure 1

No. of Pages: 22 No. of Claims: 7

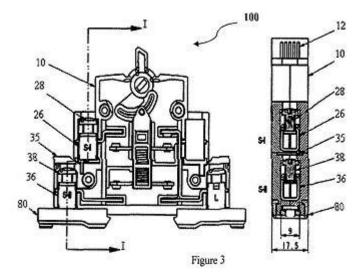
(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SINGLE POLE MODULAR CHANGEOVER SWITCH

(51) International classification		(71)Name of Applicant :
(31) International classification	3/00	1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400 001,
(33) Name of priority country	:NA	INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)POTHANA SANTHOSH
(87) International Publication No	: NA	2)SADANAND G. CHOUDHARI
(61) Patent of Addition to Application Number	:NA	3)PRAMOD L. FEGADE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		· · · · · · · · · · · · · · · · · · ·

(57) Abstract:

Disclosed is a single pole modular changeover switch. The single pole modular changeover switch of the present invention accommodates two box clamps placed one above the other without resulting in an increase in pole width and without requiring extra space. The two box clamps are separated by an inter-phase barrier thereby protecting the single pole modular changeover switch from inter-phase flashover. The single pole modular changeover switch includes safety shutters to prevent from external flashover.



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

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PACKAGING ASSEMBLY FOR ARTICLES

 (71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: LARSEN & TOUBRO LIMITED L&T
,
HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400 001,
INDIA Maharashtra India
(72)Name of Inventor:
1)ROSHAN KADAM
2)VIJAY V. BHANDARKAR

(57) Abstract

Disclosed is a packaging assembly for articles. The packaging assembly includes a bottom frame pack assembly having at least four edgeboard frames secured together, at least four edgeboard columns extending vertically from the bottom frame pack assembly, and a base plate being capable of securing to the bottom frame assembly. The base plate holds the article thereon. Further, the packaging assembly includes a top frame pack assembly having at least four edgeboard frames secured together. The top frame pack assembly is capable of being secured to over the at least four vertical edgeboard columns thereby forming an enclosure for holding the articles thereon.

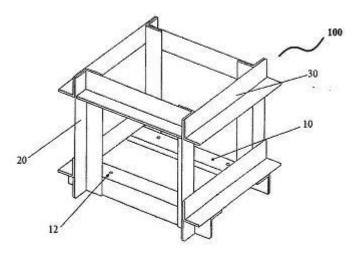


Figure 1

(22) Date of filing of Application :26/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: EXTENSION ASSEMBLY FOR FUSE PULLER DEVICE

:B67D (71)Name of Applicant :	A DAMED
· · · · · · · · · · · · · · · · · · ·	
:NA Address of Applicant :L	ARSEN & TOUBRO LIMITED L&T
:NA HOUSE, BALLARD ESTA	TE, P.O. BOX: 278, MUMBAI 400 001,
:NA INDIA Maharashtra India	
:NA (72)Name of Inventor:	
:NA 1)ANKITA MEHRA	
: NA 2)PALAK THUKRAL	
:NA 3)NEERAJ SINHA	
:NA	
:NA	
:NA	
	1/04 :NA

(57) Abstract:

Disclosed is an extension assembly for a fuse puller device. The assembly comprises a body member having at least two fuse puller tags extending therefrom. The least two fuse puller tagsare capable of removably engaging with the fuse puller device. The extension assembly further includes a guide plate confined within the body member. The guide plate includes at least two slots for the at least two fuse puller tags to pass therethrough. Furthermore, the extension assembly includes a support member having a compression spring guided thereon. The support member is assembled on the guide plate. Also, the extension assembly includes a lock plate supported by the compression spring along the guide plate inside the body member.

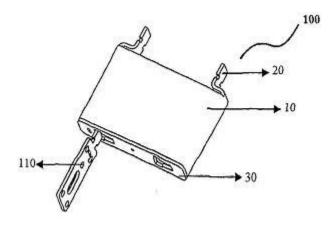


Figure 1

(22) Date of filing of Application :29/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DESIGN & DEVELOPMENT OF CASTOR SEED EXTRACTION MACHINE

(51) International classification :A0	1D45/06 (71)Name of Applicant :
(31) Priority Document No :NA	1)G.H.Raisoni College of engineering
(32) Priority Date :NA	Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna
(33) Name of priority country :NA	Road, Nagpur Maharashtra-440016 Maharashtra India
(86) International Application No :NA	2)G.H.R. Labs and Research Centre
Filing Date :NA	(72)Name of Inventor:
(87) International Publication No : NA	A 1)NitinkumarGalande
(61) Patent of Addition to Application Number :NA	2)Sagarkumar Chaudhary
Filing Date :NA	3)Palash Madamwar
(62) Divisional to Application Number :NA	4)Swapnil Malapur
Filing Date :NA	5)Mr. Nilesh Parashram Awate

(57) Abstract:

The castor seed extraction machine, extracts the castor seed from the castor fruits without damaging and with clean approach. The machine consists of two major compartments, the shelling unit & the dehusking unit. A blower and cyclone was incorporated to facilitate easy & proper cleaning & separation of the seed from the chaffs. It uses a single phase 3 hp electric motor for the machine power requirement. In the present invention we use a design that automatically performs the operation without any manual efforts. According to this, we specially designed the crusher that impacts only that much of force which will not damage the seed and easily shells the castor, for the better performance we used a special purpose sieves for separation of husk. Its silent features are easily portable; it prevents the air pollution caused due to its dust particles. Following invention is described in detail with the help of Figure 1 of sheet 1 showingthe construction of the mechanism developed for seed extraction machine.

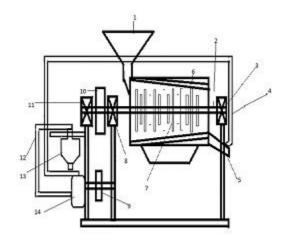


Figure 1

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ARRANGEMENT FOR CONVERTING NON-FLEXIBLE COMPONENT INTO CLICK-FIT TYPE COMPONENT

(51) 7	D22D10/02	(71)
(51) International classification	:B23P19/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA
(86) International Application No	:NA	STATE, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)HARSHA R. DESHPANDE
(61) Patent of Addition to Application Number	:NA	2)ROHIDAS H. LASTE
Filing Date	:NA	3)RAVINDRA KADAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is an arrangement for converting non-flexible component into click-fit type component for fixing the non flexible component in slots of a structural member of a panel. The arrangement includes a plurality of adaptor members. Each adaptor member of the plurality adaptors includes an upper portion having a slot with a slanted profile corresponding to a dovetail of the non flexible member. The upper portion is capable of being removably fixed in the slots of the non-flexible component. The adaptor member further includes a lower portion having a claw shaped member which is capable of removably engaging the slots of the structural member by click fitting.

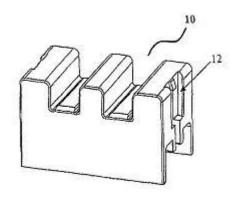


Figure 1

(22) Date of filing of Application: 27/03/2014

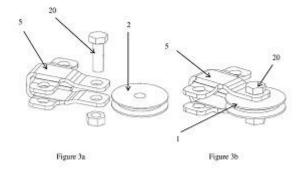
(43) Publication Date: 13/11/2015

(54) Title of the invention: A BRAKING SYSTEM

), (71)Name of Applicant:
(51) International classification F16D55/22 F03D7/02	4, 1)TATA MOTORS LIMITED Address of Applicant :Bombay House, 24 Homi Mody Street,
(31) Priority Document No :NA	Address of Applicant Bolloay House, 24 Holli Mody Street, Hutatma Chowk, Mumbai – 400 001, Maharashtra, India Maharashtra
• •	
(32) Priority Date :NA	India
(33) Name of priority country :NA	(72)Name of Inventor:
(86) International Application No :NA	1)SANDEEP MADHUKAR DHAKE
Filing Date :NA	2)DATTATRAYA SHIVAJI KAD
(87) International Publication No : NA	3)PRAMOD PURUSHOTTAM KULKARNI
(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 braking system for a vehicle. The braking system comprises at least one first brake cable passing through a first pulley with one end of the at least one first brake cable removably connected to a brake lever and other end of the at least one first brake cable removably connected to a first support bracket, wherein, tension force on the at least one first brake cable exerts tension force on the first pulley. A secondary unit removably connected to the first pulley, dispenses tension force intervening on the first pulley to a pair of second brake cables wherein, one end of the second brake cables are removably connected to the secondary unit and the other end of the second brake cables are removably connected to brakes of the vehicle.



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

(22) Date of filing of Application :29/03/2014

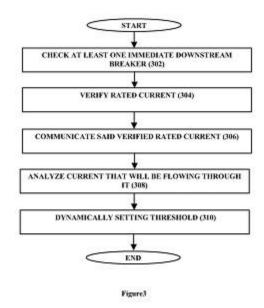
(43) Publication Date: 13/11/2015

(54) Title of the invention: DYNAMIC THRESHOLD SETTING IN CIRCUIT BREAKERS

(51) International classification	:H02J3/42, H02H3/48	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box 278,
(32) Priority Date	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MUNGI, Ameya
Filing Date	:NA	2)SUPEDA, Prahlad
(87) International Publication No	: NA	3)DESHMUKH, Vinod
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		

(57) Abstract:

Disclosed is a system and method for dynamic threshold setting in circuit breakers. The method for dynamically setting a threshold of at least one circuit breaker, in a system characterized by having a plurality of circuit breakers with a trip unit and a communication module and arranged to form an upstream or a downstream breaker arrangement is disclosed. The method comprises the steps of checking (302) at least one immediate downstream breaker; verifying (304) rated current that possibly flow through said at least one immediate downstream breaker; communicating (306) said verified rated current to at least one upstream breaker; analyzing (308), by said at least one upstream breaker, current that will be flowing through, based on said verified rated current communicated, and thereby dynamically setting (310) said threshold based on analyzed current that will be flowing through said at least one upstream breaker.



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

(43) Publication Date: 13/11/2015

(19) INDIA

(22) Date of filing of Application :29/03/2014

(54) Title of the invention: IMPROVED MEANS OF VISUAL INDICATION FOR CIRCUIT BREAKERS

(51) International classification	:H01H71/02, H01H73/00	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box 278,
(32) Priority Date	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SUPEDA, Prahlad
Filing Date	:NA	2)SHAIKH, Usufe
(87) International Publication No	: NA	3)SHARMA, Neha
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) A1		

(57) Abstract:

An improved means of visual indication for circuit breakers a circuit breaker with an improved display is disclosed. In one implementation, the circuit breaker comprises a power supply module (1); a signal conditioning module (2); a data processing module (3) having at least one controller logic; a display module (4); a decision making module (5); a battery (6) to provide power for working of all said modules (1, 2, 3, 4, 5, and 7); and a trip unit (7). The display module (4) is configured to enable a user to set at least one protection parameter associated with said trip unit (7). The display module (4) is communicably coupled with said data processing module (3). The decision making module (5) is configured to repeatedly differentiate between at least one input source from power supply module (1) or said battery (6).



FIGURE 2

(43) Publication Date: 13/11/2015

(19) INDIA

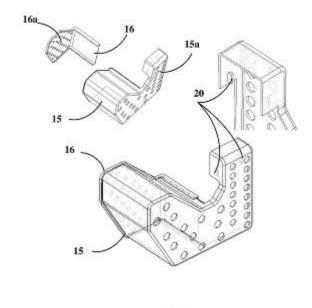
(22) Date of filing of Application :27/03/2014

(54) Title of the invention: AN APPARATUS FOR PREVENTING FUEL SLOSHING EFFECT IN A FUEL LEVEL SENDER OF A VEHICLE

:B60K (51) International classification :B60K (51) International classification :G01F 23/00	(71)Name of Applicant: 1)TATA MOTORS LIMITED Address of Applicant: Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai – 400 001, Maharashtra, India Maharashtra
(31) Priority Document No :NA	India
(32) Priority Date :NA	(72)Name of Inventor:
(33) Name of priority country :NA	1)Pankaj Purushottam Barai
(86) International Application No :NA	
Filing Date :NA	
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

The disclosure relates provides for an apparatus (17) for preventing fuel sloshing effect in a fuel level sender (5) of a vehicle. The apparatus (17) comprises a closure cap (16) and a cover (15) removably connected to the closure cap (16) to form the apparatus (17). The apparatus (17) is characterized into a protector part and a connector part. The protector part protects a float (7) of the fuel level sender (5) from fuel sloshing effect during vehicle movement and the connector part runs through the float arm (6) of the fuel level sender (5) and connects to a fuel level sender (5). At least one of the cover (15) and the closure cap (16) is provided with a plurality of perforations (15a, 16a) on its side walls to allow fuel movement inside the apparatus (17) for indicating the fuel level.



No. of Pages: 28 No. of Claims: 6

(22) Date of filing of Application :27/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : MECHANISM FOR AUTO RESETTING OF STAY PUT LOCKING FEATURE OF A DIN CLIP FOR MOUNTING A CIRCUIT BREAKER ON DIN RAIL

:H01H	(71)Name of Applicant:
71/02	1)LARSEN & TOUBRO LIMITED
:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400 001,
:NA	INDIA Maharashtra India
:NA	(72)Name of Inventor:
:NA	1)GIRISH J MALPATHAK
: NA	
:NA	
:NA	
:NA	
:NA	
	71/02 :NA :NA :NA :NA :NA : NA :NA :NA

(57) Abstract:

Disclosed is a mechanism for auto resetting of stay put locking feature of a DIN clip for mounting a circuit breaker on a DIN rail. The circuit breaker includes a chamfer profile configured on housing thereof. The mechanism comprises a DIN clip having a projection adapted thereon, and a slot configured thereon for inserting a tool. Further, the mechanism comprises a DIN rail mounted on a surface on which the circuit breaker is to be mounted. Wherein when the tool is inserted into the slot of the DIN clip and the DIN clip is pulled up and pushed back, the DIN clip rests against a chamfer of the housing, which restricts the DIN clip to move back to locked condition, thereby keeping the DIN clip in meta stable position, and when the DIN clip is mounted on the DIN rail, the projection of DIN clip touches with the DIN rail mounting surface thereby getting reset.

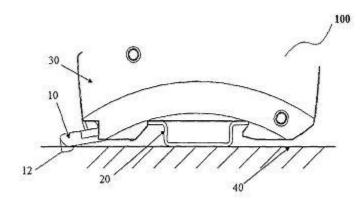


Figure 4

(22) Date of filing of Application :27/03/2014

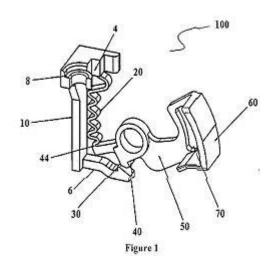
(43) Publication Date: 13/11/2015

(54) Title of the invention: "MAGNETIC FAULT INDICATION SYSTEM FOR CIRCUIT BREAKER"

	:H01H	(71)Name of Applicant :
(51) International classification	71/00,	1)LARSEN & TOUBRO LIMITED
	H01H71/04	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(31) Priority Document No	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001,
(32) Priority Date	:NA	INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)ONKAR KULKARNI
Filing Date	:NA	2)HERAMB BARWEKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a magnetic fault indication system for a circuit breaker. The fault indication system comprises a slider, a flexible member, a first latch, a second latch, a lever, an indication flag and a slot. The magnetic fault indication system includes a single compliant component thereby reducing an assembly complexity and time.



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

(22) Date of filing of Application :29/03/2014

(43) Publication Date: 13/11/2015

$(54) \ Title \ of \ the \ invention: AN \ IMPROVED \ RACK \ TRAVEL \ IN \ ROTARY \ OPERATING \ MECHANISMS \ AND \ MOTOR \ OPERATORS \ FOR \ MCCB$

	cant: L & T House, Ballard Estate, P.O. Box 278, te of Maharashtra, India Maharashtra India or:
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(57) Abstract:

Disclosed is an improved rack travel in rotary operating mechanisms and motor operators for MCCB. The present invention enables effective use of 3-gear and a rack arrangement philosophy wherein the power input gear (6) which either receives power through motor and gearing arrangement or manual rotary movement of operating knob and transfers it simultaneously to power output gear (7) and horizontal rack (8). The power output gear (7) eventually transfer the power and motion to the horizontal rack (8) and truncated one side toothed horizontal (9) or vertical rack (10), in sync, as per the configuration of system in mechanism.

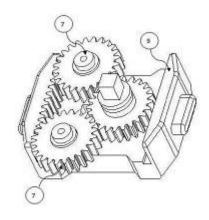


Figure 10

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: POWER SEMICONDUCTOR DEVICE

(51) International classification	:H01L29/00,	(71)Name of Applicant :
(21) Dei ority Dogument No	H01L23/043 :102013103866.2	1)SEMIKRON ELEKTRONIK GMBH & CO. KG
(31) Priority Document No		Tr
(32) Priority Date	:17/04/2013	NUERNBERG, GERMANY Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)Ralf Ehler
Filing Date	:NA	2)Peter Beckedahl
(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	
(FF) 11		·

(57) Abstract:

The invention relates to a power semiconductor device comprising a power semiconductor module forming a structural unit, wherein the power semiconductor module has a first outer connection section and a second outer connection section, wherein the capacitor module has an electrical capacitor, wherein the capacitor module is mechanically connected detachably to the power semiconductor module, wherein the capacitor module has a third DC voltage load connection element, which is electrically conductively connected to a first electrical connection of the capacitor, and a fourth DC voltage load connection element, which is electrically conductively connected to a second electrical connection of the capacitor, wherein the third DC voltage load connection element has a third outer connection section, and the fourth DC voltage load connection section is in electrically conductive contact with the third outer connection section, and the second outer connection section is in electrically conductive contact with the fourth outer connection section. The invention provides a power semiconductor device which is quick and easy to produce and in which a power semiconductor module can be electrically conductively connected reliably to different capacitors easily and quickly.

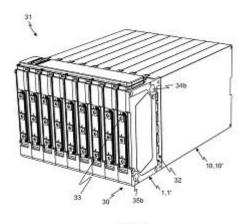


FIG 10

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: A CLUTCH ASSEMBLY FOR MECHANICAL OVERRIDE IN GEARBOX

(51) International classification	:F16D41/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box 278,
(33) Name of priority country	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)HEMNANI, Mohit
(87) International Publication No	: NA	2)DAND, Grishma
(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 an assembly with mechanical override capability on completion of a predetermined degree of rotational motion in gear box. The clutch assembly operatively integrated into the gearbox, which fundamentally decouples the gearbox output torque from the shaft which delivers the said torque to the external charging member, once the charging cycle is completed. This mechanical override has to be provided so that the external member does not exceed the predetermined degree of rotation which completes the charging operation.

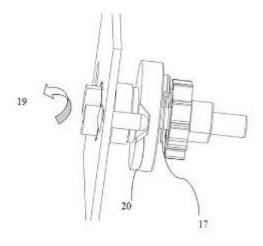


FIGURE 2

(22) Date of filing of Application :29/03/2014

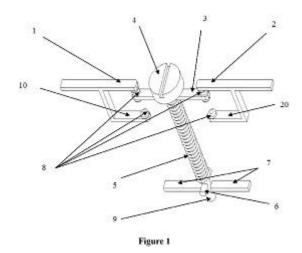
(43) Publication Date: 13/11/2015

(54) Title of the invention : CONVERTIBLE NORMALLY-OPEN OR NORMALLY-CLOSED (NO OR NC) ELECTRICAL CONTACT USING SPRING SCREW

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (10) Patent of Addition Number Filing Date (11) Patent of Addition Number Filing Date (12) Patent of Addition Number Filing Date (13) Patent of Application Number Filing Date (14) Patent of Addition Number Filing Date (15) Patent of Addition Number Filing Date (16) Patent of Addition Number Filing Date (17) Patent of Addition Number Filing Date	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T House, Ballard Estate, P.O. Box 278, Mumbai, 400 001, State of Maharashtra, India Maharashtra India (72)Name of Inventor: 1)BURA, Virender 2)SHIRKE, Amol 3)BINZANI, Pooja 4)SINGH, Amit
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(57) Abstract:

Disclosed is an auxiliary contact block for electrical contactor is disclosed. The electrical contactor comprises of a moving contact (3) and a stationary contact (1, 2, 10, and 20). The moving contact (3) further comprises of at least one screw (9) and at least one spring (5). The at least one screw (9) is further provided with at least one screw head (4) and at least one elongated body. The at least one spring (5) is surrounds the at least one elongated body. The stationary contact (1, 2, 10, 20) further comprises of at least one conductor having at least one contact button (8) attached at its end.



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

(22) Date of filing of Application :29/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: SELF POWERED VERTICAL TYPE COMPACT CURRENT SENSOR

(51) International classification	:G01R15/18, G01R1/18	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box: 278,
(32) Priority Date	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PHILIP, Anoop
Filing Date	:NA	2)R., SURAJ
(87) International Publication No	: NA	3)PUROHIT, Reshma
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 4 4		

(57) Abstract:

Disclosed is a current sensor unit assembly. The current sensor unit assembly comprises of a sensor unit and a busbar. The sensor unit further comprises of a power up coil, a magnetic core with a core cap, a sensing coil, an air core, an upper enclosure and a bottom enclosure. The magnetic core is wrapped inside the power up coil. The air core is wrapped inside the sensing coil. Further, the busbar may be with a single primary turn having at least one conductor passing through the sensor unit window. The busbar may be with multiple primary turns and further comprise of an $\hat{a} \in \hat{a} \in \hat{$

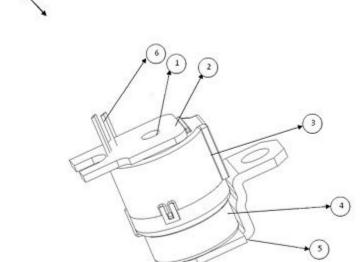


Figure 5

No. of Pages: 27 No. of Claims: 7

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: "ASSEMBLY FOR TRANSFORMER CLAMPING"

	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001,
:NA	INDIA Maharashtra India
:NA	(72)Name of Inventor:
:NA	1)HARSHA R. DESHPANDE
: NA	2)ROHIDAS H. LASTE
:NA	3)RAVINDRA M. KADAM
:NA	
:NA	
:NA	
	27/245 :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

Disclosed is an assembly for clamping a transformer on a link. The assembly comprises a first component and a second component. The first component includes a first stepped profile, a second stepped profile and a first opening. The second component includes a first ramp/chamfer profile, a second ramp/chamfer profile and a second opening. The assembly is simple, easy to use and includes less number of components. The assembly is inserted inside a transformer window hence the space outside the transformer is not consumed thereby allowing compact linkwork and reducing the width of the line.

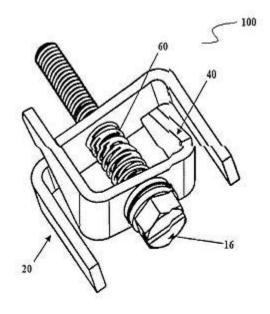


Figure 1

(43) Publication Date: 13/11/2015

(19) INDIA

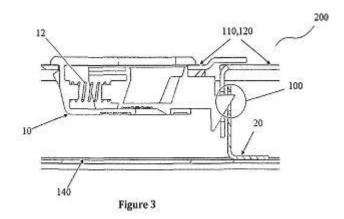
(22) Date of filing of Application :27/03/2014

(54) Title of the invention: LATCHING MECHANISM FOR SPLIT DOORS

(51) International classification	:E05B53/00,	(71)Name of Applicant:
(31) International classification	E05C 17/00	1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA
(33) Name of priority country	:NA	STATE, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAJESH JETHLIYA
(87) International Publication No	: NA	2)TEJASKUMAR B. PATIL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

Disclosed is a latching mechanism for split doors of an enclosure. The latching mechanism comprises a latching member configured on inner side of at least one door of the split door. The latching member is supported by a spring mechanism. The latching member holds the split doors together when closed. Further, the latching mechanism includes an L-shaped holder member having a base portion secured to a stationary surface inside the enclosure and an extended portion extending from the base portion. The extended portion includes a slot configured thereon for receiving the latching member therein when the split doors are closed. The latching member is engaged in the slot provided on the L-shaped holder till the latching member is not opened thereby eliminating unintended door opening and ensuring safety.



No. of Pages: 14 No. of Claims: 2

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: VARIABLE POSITIONABLE INTRINSIC ROTARY OPERATED MECHANISM FOR CIRCUIT BREAKERS

(51) International classification	:H03K17/00,H01H75/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box 278,
(33) Name of priority country	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VELAYUDHAN, Praveen, Kumar, Deepak
(87) International Publication No	: NA	2)RAMACHANDRAN, Sidharth
(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 rotary mechanism for the operating contact system which is intrinsic with the MCCB. The mechanism comprises: a fork attached to a mounting plate(s); a fork gear connected to the fork by means of a slot arrangement; a slider gear; a rotary knob gear having a profile protruding outwardly to the circuit breaker for inserting a rotary knob; a rotary knob gear holder with plurality of profiles for connecting the slider gear through one of the profile and the rotary knob through the other profile. Therefore rotating the rotary knob facilitate rotation of the rotary knob gear which slides the slider gear along the profile of the rotary knob gear holder, consecutively rotates the fork to facilitate rotary mechanism for operating the contact system in the circuit breaker.

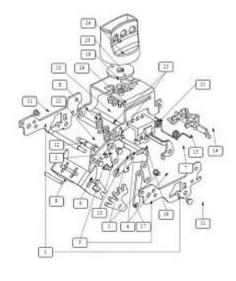


FIGURE 3

(22) Date of filing of Application :29/03/2014

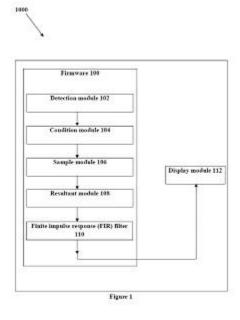
(43) Publication Date: 13/11/2015

(54) Title of the invention : IMPLEMENTATION OF †PHASOR DIAGRAM' ON ELECTRONIC TRIP UNITS OF CIRCUIT BREAKER FOR COMPUTING AND INDICATING EARTH FAULT CURRENT

(51) International classification	:H02P6/00	(71)Name of Applicant:
(31) Priority Document o	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate,
(33) Name of priority country	:NA	P.O.Box:278,Mumbai 400 001, State of Maharashtra, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AUCHARE, Harshada
(61) Patent of Addition to Application Number	:NA	2)AGARWAL, Vivek S.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method and system for detecting earth faults in at least one phase system and displaying the earth faults detected using a phasor diagram on the display of a circuit breaker. The electric current signal passing through a circuit breaker is detected for conditioning the signal in order to generate a waveform. The waveform generated is sampled further to generate at least one sample value. The sample values generated are added to obtain an earth fault current sample which is a resultant earth fault current sample. The earth fault current sample is filtered to generate at least on output. The output is a look up table storing at least one sample value. The output generated is displayed to a user.



(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: CATALYST ASSISTED HYDROTHERMAL CONVERSION OF BIOMASS TO CRUDE BIO OIL

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication No (87) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) Patent of Addition to Application Number (81)	8, (71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3rd Floor, Maker Chamber-IV 222, Nariman Point, Mumbai-400021, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)MANTRI, KSHUDIRAM 2)MANDAN, CHIDAMBARAM 3)BHUJADE, RAMESH 4)SHARMA, NAGESH
. ,	
Filing Date :NA	5)JASRA RAKSH VIR
(62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

The present disclosure relates to a process for catalyst assisted production of crude bio-oil from biomass, which involves heating a mixture of biomass slurry and a catalyst at a temperature ranging from 200 to 350o C and at a pressure ranging from 70 to 250 bars to obtain a mass containing the crude bio-oil. The crude bio-oil is separated from said mass to obtain a separated crude bio-oil. The catalyst being soluble in water is recovered from the aqueous phase and is reused for the preparation of crude bio-oil from biomass.

(21) Application No.1144/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: DUCKWEED HYDROLYSATE AND USE THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No (87) International Publication No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (83) International Publication Number Filing Date (84) Divisional to Application Number Filing Date (85) Divisional to Application Number Filing Date (86) Divisional to Application Number Filing Date (87) Divisional to Application Number Filing Date (88) Divisional to Application Number Filing Date	Address of Applicant :No.53, Ln. 229, Sec. 3, Changxing Rd., Luzhu
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(57) Abstract:

A duckweed hydrolysate is provided. A method for producing carotenoids comprising the incubation of microorganisms with the duckweed is also provided.

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BATTERY CHARGING MECHANISM DEVELOPED WITH THE HELP OF SOLAR POWER ENERGY AND HYDRAULIC MECHANISM.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	22/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SANTOSH ARVIND PRADHAN Address of Applicant: 'ARUNODAYA', PLOT NO.51, PIONEER HOUSING SOCIETY, SWAWLAMBI NAGAR, NAGPUR (MAHARASHTRA) INDIA 440025 Maharashtra India (72)Name of Inventor: 1)SANTOSH ARVIND PRADHAN
(87) International Publication No	: NA	1)SANTOSH ARVIND I RADHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

I have placed photovoltaic solar panels or any other type of solar panels in series with either fixed type structure for collecting sun radiation or with either single axis tracking movement of sun to collect the maximum radiations or with either dual axis tracking movement of sun to collect the maximum radiations. I have joined the connections of photovoltaic solar panels placed in series or any other type of solar panels placed in series thus the final cable connections will come out which will be attached to the charging controller where the uneven current flow will be stabilized, filtered and control. Now here the cable connection coming out of charging controller can be directly attached to a DC motor placed nearby or if required it can be attached to the battery bank and then later on it will be attached to a DC motor placed nearby for better results. This DC motor will be further attached and aligned to a hydraulic pump now these hydraulic pump can be either hydraulic gear pump, hydraulic vane pump, hydraulic piston pump, hydraulic radial piston pump, high pressure hydraulic check ball pump or any other types of hydraulic pumps. Here I can design the hydraulic circuit as per the requirement of my customer who will be having freedom to choose from any types of hydraulic pump which are available in market and which will give best results. I have placed hydraulic tank at the close vicinity of the hydraulic pump. The inlet connection of hydraulic pump is attached to the outlet connection of hydraulic tank and the outlet connection of hydraulic pump is attached to the inlet port of hydraulic accumulators line placed in series. Now in between one by pass line is also given for safety purpose, whenever several hydraulic accumulators placed in series will be completely filled with high pressure hydraulic fluid set than the hydraulic accumulator line will be automatically disconnected and the bypass line will be opened and now the pressurized hydraulic fluid will be going directly to the hydraulic tank. I have attached non return valve, pressure gauge and flow control valve to the outlet port of hydraulic pump and I have also placed non return valve, pressure gauge, flow control valve, solenoid valves, hydraulic strainers and other hydraulic consumables where ever it is necessary. I have joined the inlet and outlet ports of hydraulic pump and hydraulic accumulators through high pressure sustaining fixed hydraulic pipelines or through high pressure sustaining flexible hydraulic pipelines. Hydraulic accumulators are made with high pressure sustaining molybdenum steel or with high pressure sustaining carbon fiber reinforced plastic material. Now when solar radiations will start it will be absorbed in photovoltaic solar panels or any other type of solar panels and it will initially give uneven electrical current flow which will be stabilized, filtered and control in the charging controller and thus now smooth current flow will be given to the DC motor directly or the smooth current flow will be first going to the battery bank for charging and later on the smooth current will be given to DC motor both of these connections can be made as per the requirement of the customer. After getting the required smooth current flow DC motor will start rotating the shaft which is eventually attached and aligned to the shaft of hydraulic pump of customers choice. Now hydraulic oil will come in the hydraulic pump from hydraulic tank and now it will start pumping operation and thus high pressure hydraulic fluid will come out of hydraulic pump. High pressure hydraulic fluid generated is basically energy now this pumped and pressurized energy will be stored in hydraulic accumulators placed in series. Here hydraulic accumulators will work as the pressurized energy storage device which will be used subsequently. The hydraulic circuit is made such that after filling the first hydraulic accumulator it will be automatically closed and now the second hydraulic accumulator will start getting the high pressure hydraulic fluid and soon. In a complete day if I have used fixed type of structure for collecting the maximum solar radiations than as per the efficiencies of the present best quality of solar panels, I will accordingly get the results. The present best efficiencies of the fixed type of structure for holding solar panels and absorbing the maximum solar radiations are 20% ~ 23%. Similarly if I have used single axis tracking movement of sun to collect the maximum solar radiations than as per the efficiencies of the present best quality of solar panels, I will accordingly get the results. The present best efficiencies of the single axis tracking system for holding solar panels and absorbing the maximum solar radiations are 30% ~ 34%. Similarly if I have used dual axis tracking movement of sun to collect the maximum solar radiations than as per the efficiencies of the present best quality of solar panels, I will accordingly get the results. The present best efficiencies of the dual axis tracking system for holding solar panels and absorbing the maximum solar radiations are 37% -40%. Now in a complete day as per the structure chosen for collecting the maximum solar radiations, I will get the pumped high pressure hydraulic fluid which is being stored in hydraulic accumulators placed in series. The most unique part of this technology is that from a small solar energy facility I can get the whole day electrical power stored in hydraulic accumulators in the form of high pressure hydraulic fluid, now these stored energy can be subsequently used for any high electrical power applications. I have attached and aligned hydraulic motor to a alternator of equivalent size to charge any type of batteries. Now the hydraulic motor can be either hydraulic gear motor, hydraulic vane motor, hydraulic piston motor, hydraulic radial piston motor, high pressure hydraulic check ball motor or any other types of hydraulic motor. Here I can design the hydraulic circuit as per the requirement of my customer who will be having freedom to choose from any types of hydraulic motor which are available in market and which will give best results. I have attached the common hydraulic pipeline connection of hydraulic accumulators to the inlet port of chosen hydraulic motor and I have attached the outlet port of the hydraulic motor to the inlet port of return line hydraulic filter and outlet port of hydraulic return line filter to the hydraulic tank placed nearby. I have joined the inlet and outlet ports of hydraulic motor and hydraulic accumulators through high pressure sustaining fixed hydraulic pipelines or through high pressure sustaining flexible hydraulic pipelines. Now I am already having pressurized energy stored in hydraulic accumulators, I will open the connection of hydraulic accumulator manually through some valve or through automatically with the use of solenoid valve. High pressure hydraulic fluid will go in to the hydraulic motor and the shaft of hydraulic motor will start rotating along with the shaft of alternator of equivalent size as both the shaft are attached and aligned at a fabricated platform. After reaching the desired revolution alternator will start charging any type of batteries. As I have stored electrical energy in batteries from there I can transfer the electrical energy to running automobile vehicles or any other types of vehicles like mopeds. scooters, motorcycles, three wheeled vehicles, tractors, excavators, ships, railway trains, any other agricultural vehicles and etc with the use of simple electrical connections. Similarly, this entire mechanism can also be placed in running car or in running any type of automobile vehicles or any other types of vehicles like scooters, motorcycles, three wheeled vehicles, tractors, excavators, trucks, buses, ships, railway trains, any other agricultural vehicles and etc by condensing the size of entire mechanism.

(22) Date of filing of Application :29/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : AN IMPROVED THERMAL SYSTEM OF THERMO-MAGNETIC RELEASE FOR MOULDED CASE CIRCUIT BREAKERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H01H71/00, H01H71/74 :NA :NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T House, Ballard Estate, Mumbai P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India (72)Name of Inventor: 1)KUMAR, Senthil, V. 2)REGUNATHAN, Raamprashaath
(61) Patent of Addition to Application Number Filed on	:1079/MUM/2010 :01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an improved thermo magnetic release assembly for use in multi pole moulded case circuit breaker. The assembly comprising housing (1), overload shaft means (12), trip actuator means (9), plurality of spring means (6,7,8), plurality of knob means (13,14), trip latch mechanism, an electromagnetic system and an auto temperature compensation arrangement. The auto temperature compensation arrangement comprising auto temperature compensation bimetal means (15), substantially horizontally located with respect to main bimetal (16), hinged on housing (1) so as to rotate about its axis to deflect freely with respect to ambient temperature variations and it is operatively actuated by main bimetal means (16) being adapted to actuate trip actuator means (9) during overload condition. The electromagnetic system comprising magnetic slider means (17) having tapered profile adapted to adjust an air gap (20) between moving magnet means (5) and fixed magnet means (4) and simultaneously to adjust spring force while magnetic slider means (17) is driven by knob means and auto temperature compensation bimetal being operatively actuated by moving magnet means (5) being adapted to actuate trip actuator means (9) during short circuit condition. The trip latch mechanism comprising a protruded portion of the overload shaft (10) being hinged on holder means (11) by using pin means (18), the protruded portion of the overload shaft is essentially rectangular shaped for providing a range of settings for overload protection; having another spring means (8) being operatively engaged to the holder means and plate means thereby producing de-latch force on trip actuator means (9) to trip circuit breaker when there is a fault.

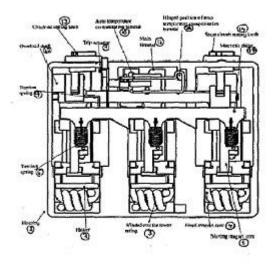


FIGURE 1

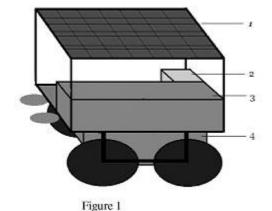
(22) Date of filing of Application :29/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SOLAR COOL HANDCART FOR VEGETABLE HAWKERS

(51) International classification	:B62B3/00, B60L8/00	(71)Name of Applicant : 1)DR. BASAVRAJ SHANTARAM KOTHAVALE
(31) Priority Document No	:NA	Address of Applicant :ADITYA SANSKRUTI A-3, FLAT NO-12.
(32) Priority Date	:NA	MANAJI NAGAR, NARHE, PUNE- 411 041 (M.S.) Maharashtra India
(33) Name of priority country	:NA	2)MR.YOGESH SANJAY KUTE
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. BASAVRAJ SHANTARAM KOTHAVALE
(87) International Publication No	: NA	2)MR.YOGESH SANJAY KUTE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) A1		1

(57) Abstract:

Refrigerated storage, which is believed to be best method for storing the fruits and vegetables in fresh form, is not available in rural or remote locations where grid electricity is almost not available. So, without having a conventional energy source at these areas, the present invention design and fabricate a solar PV powered refrigeration system to attain favorable conditions for vegetables. As farming is a main occupation in many countries and preserving their vegetables for longer time in fresh condition is also a challenge to farmers and also to street hawkers. This invention is made to contribute in the field of refrigeration which runs on photovoltaic cell in result a cooled box for preserving food for vegetable Hawkers business. As solar energy is used here, so no need to pay the electricity bill, also minimum maintenance and better results; otherwise which is not bearable to street vegetable seller. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the Solar Cool Handcart, Figure 2 of sheet 1 shows the Vapour Compression Refrigeration System Components Line Diagram, Figure 3 (a) of sheet 2 shows the Cool Box providing dimensions in centimeter, Figure 3 (b) of sheet 2 shows the open view of cool box providing dimensions in centimeter, Figure 3 (c) of sheet 3 shows corner view and cut section of cooling box and Figure 4 of sheet 3 shows location of PV panel on roof of handcart.



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

(43) Publication Date: 13/11/2015

(19) INDIA

(22) Date of filing of Application :27/03/2014

(54) Title of the invention: AN OPERATING MECHANISM FOR CIRCUIT BREAKERS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	F16D65/22 :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India (72)Name of Inventor:
(51) International classification		1. /
(+ -)	F16D65/22	1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box 278,
(32) Priority Date	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DEVRE, Harshad, Anil
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is an improved operating mechanism for circuit breakers. A circuit breaker operating mechanism (3) having multiple or single pole is disclosed. The circuit breaker operating mechanism (3) comprises of linkages coupled using revolute joints in a revolute manner, wherein at least one of said plurality of linkages is coupled to a rotating member; said plurality of linkages are housed in a structural bearing members, wherein said structural bearing members are side plates; said plurality of linkages are retained in place by a use of at least one spring; an attachment of either end of said plurality of linkages is coupled with an operating member which makes a revolute joint with the said structural members; an ultimate link in said plurality of linkages connects rotatably with said rotating member which is rotatably coupled within said structural members; and said revolute joints makes revolute axes parallel to each other.

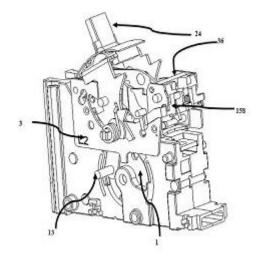


Figure 2

(43) Publication Date: 13/11/2015

(19) INDIA

(22) Date of filing of Application :27/03/2014

(54) Title of the invention: SHOCK ABSORBING PACKAGING PADS FOR CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (20) Learner in the policy in the Name of Priority and Application Name of Priority and Priority and	H01H73/04 :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India (72)Name of Inventor:
(86) International Application No Filing Date	:NA :NA	1)KHATI, Pallavi, Dipak 2)OCHANI, Deepak
(87) International Publication No	: NA	2)00mm, Beepan
(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 generally relates to packaging of circuit breaker. More particularly, present invention provides packaging pads with cushioning feature which will protect the circuit breaker from vibration and jerk during transportation and providing flexibility to packaging of the circuit breaker. The packaging pads are designed in such a way that the pads offer sufficient margin of safety on the standard requirements so that the product complies with the standard as well as the field conditions with ease.

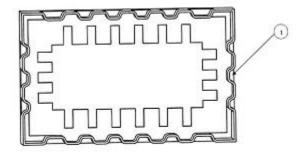


FIGURE 1

(22) Date of filing of Application :29/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: A BRAKING SYSTEM

(51) International classification	:B60T8/173, B60T8/58	(71)Name of Applicant: 1)TATA MOTORS LIMITED
(31) Priority Document No	:NA	Address of Applicant :Bombay House, 24 Homi Mody Street,
(32) Priority Date	:NA	Hutatma Chowk, Mumbai – 400 01, Maharashtra, India Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANDEEP MADHUKAR DHAKE
(87) International Publication No	: NA	2)DATTATRAYA SHIVAJI KAD
(61) Patent of Addition to Application Number	:NA	3)PRAMOD PURUSHOTTAM KULKARNI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		•

(57) Abstract:

The present disclosure provides a braking system (100) for a vehicle. The braking system comprises at least one first brake cable (1), having a first end portion and a second end portion, the first end portion of the at least one first brake cable (1) being removably connected to a brake lever (3); an intermediate unit (22) having an intermediate connecting member (24) and an at least one intermediate cable (26), the second end portion of the at least one first brake cable (1) being connected to the intermediate connecting member (24) through an tension adjustment unit (8), opposite end of the at least one intermediate cable (26) being connected to a first support bracket (4); and, a set of second pulley wheels (29, 30) connected to the intermediate unit (22) through at least one intermediate cable (26), such that, tension force (T/2) on the least one intermediate cable (26) exerts tension force (T) on each of the set of second pulley wheels (29, 30), the second pulley wheel (29) being connected to one end of a rear brake cable (6), and the second pulley wheel (30) being removably connected to the one end of the rear brake cable (7), other end of the rear brake cables (6, 7) are removably connected to brakes of the vehicle.

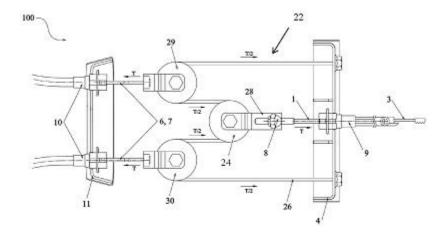


Figure 1

(22) Date of filing of Application :05/02/2014

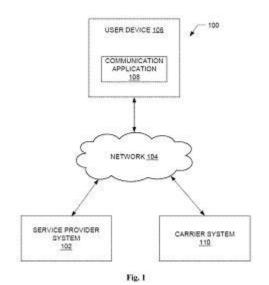
(43) Publication Date: 13/11/2015

$(54) \ Title \ of the invention: SYSTEM \ AND \ METHOD \ FOR \ ENSURING \ A \ COMMUNICATION \ IS \ INITIATED \ FROM \ WITHIN \ A \ COMMUNICATION \ APPLICATION$

:H04W4/24,	(71)Name of Applicant :
H04M15/00,	1)Turakhia, Bhavin
H04W4/12	Address of Applicant :Directiplex, Old Nagarads Road, near Andheri
:3618/MUM/2013	Subway Andheri (East), Mumbai 400069 Maharashtra India
:19/11/2013	(72)Name of Inventor:
:India	1)Turakhia, Bhavin
:NA	
:NA	
: NA	
:3618/MUM/2013	
:01/01/1900	
:NA	
:NA	
	H04M15/00, H04W4/12 :3618/MUM/2013 :19/11/2013 :India :NA :NA : NA : NA :3618/MUM/2013 :01/01/1900 :NA

(57) Abstract:

In example embodiments, a system and method for ensuring that a communication is made from within a communication application is provided. A communication initiated from a device of a user is received. A determination is made as to whether a notification is received from the communication application on the device of the user. Based on the notification being received from the device of the user, a determination is made as to whether the notification provides an indication that the communication was made from within a communication application. A notice may be provided to the user based on the communication being made from outside the communication application or the user may be charged a different rate.



No. of Pages: 39 No. of Claims: 26

(22) Date of filing of Application :29/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: A MAKE BREAK TEST SETUP OF NC CONTACT OF RELAY

(51) International classification	:H01H11/00,	(71)Name of Applicant:
(31) International classification	H01H71/46	1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box 278,
(32) Priority Date	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)BORATE, Somnath, Vishwanath
Filing Date	:NA	2)BURA, Virender, Singh
(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 generally to the reliable, easy and time saving method of make break testing of relay for AC-15 where the electromagnetic coils are used instead of pneumatic to operate the relay which will increase the mechanical life of relay because the force/torque exerted by the electromagnetic coil is less compared to pneumatic therefore using electromagnetic coil for relay testing is more reliable method. Further, it will give the constant operating time of relay and reduce set up making time. The present invention provides very compact setup as compare to pneumatic cylinder setup.

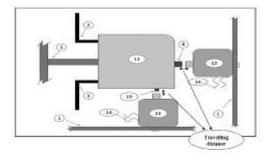


Figure 4

(22) Date of filing of Application :29/03/2014

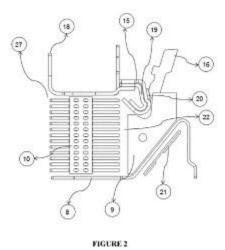
(43) Publication Date: 13/11/2015

(54) Title of the invention: IMPROVED CIRCUIT BREAKING TECHNIQUE FOR MINIATURE CIRCUIT BREAKER

	:H01H71/74,	(71)Name of Applicant:
(51) International classification	H01H71/32,	1)LARSEN & TOUBRO LIMITED
	H01H73/04	Address of Applicant :L & T House, Ballard Estate, P.O. Box 278,
(31) Priority Document No	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)CHANDRAN. Sandhya
(86) International Application No	:NA	2)SUBRAMANIAN . Venkatachalam
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is an improved circuit breaking technique for miniature circuit breaker. The purpose of the disclosed invention is to protect the appliances and equipments from damage using circuit breakers to sense the fault in an earlier stage and quench the arc at lower current with lesser time, which leads to lower energy let through. Improved breaking using present invention can help in this regards. An improved circuit breaker (1) is disclosed. The circuit breaker (1) is characterized in that having a runner aid (21) in parallel along the arc runner (8) and held in position at base by a housing (2) and a vertical face aligned to said arc runner (8), wherein said runner aid (21) is movable.



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

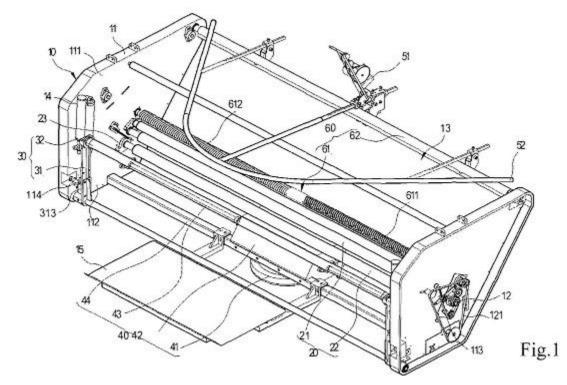
(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: "FABRIC ROLLING APPARATUS FOR CIRCULAR KNITTING MACHINES".

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	D04B15/88 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PAI LUNG MACHINERY MILL CO., LTD. Address of Applicant: NO.8, TING-PING RD., RUIFANG DISTRICT, NEW TAIPEI CITY, TAIWAN R.O.C Taiwan (72)Name of Inventor: 1)SHIH-CHI CHEN 2)LEE, PENG CHENG
(87) International Publication No	: NA	a)BBB, TENG CHENG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1	<u> </u>	

(57) Abstract:

A fabric rolling apparatus is driven by a circular knitting machine to revolve and receive a knitted fabric (70). The fabric rolling apparatus comprises a bracket (10), a transmission rod set (20) located on the bracket (11) and a revolving fabric collection mechanism (30). The bracket (10) includes two side boxes (11) corresponding to each other and a drive mechanism (12) located in each side box (11). Each side box (11) has a top side (111) and a bottom side (112). The drive mechanism (12) drives the transmission rod set (20) to guide movement of the fabric (70). The revolving fabric collection mechanism (30) includes two revolving arms (31) hinged respectively on the side boxes (11) and a fabric rolling rod (32) driven by the transmission rod set (20) to revolve and roll the fabric (70). Each revolving arm (31) has a revolving end (311) hinged on the bottom side (112) of the side box (11) and a holding end (312) connected to the fabric rolling rod (32) at an elevation higher than the revolving end (311).



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

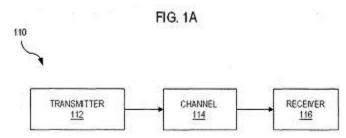
(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : APPARATUS AND METHOD FOR SUPPORT OF COMMUNICATIONS SERVICES AND APPLICATIONS OVER RELATIVELY LOW SIGNAL- TO- NOISE RATIO LINKS

	:H04N7/10,	(71)Name of Applicant:
(51) International classification	H04N7/173,	1)Hughes Network Systems, LLC
	H04L12/28	Address of Applicant :11717 Exploration Lane, Germantown,
(31) Priority Document No	:13/763,731	Maryland 20876, USA. U.S.A.
(32) Priority Date	:10/02/2013	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1)Becker, Neal
(86) International Application No	:NA	2)LEE, Lin-Nan
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:

Aphysical layer (PL) frame generation method is provided. A PL payload 313, 333 is generated by encoding and modulating source data based on a first modcod of a first set. A synchronization header 315, 335 (a unique word (UW) of a UW set) is appended to the PL payload. The UWs of the setrespectively correspond to different modcods of the first set, and the UW corresponds to the first modcod. A PL header 215 is appended to the synchronization header and PL payload to form the PL frame. The PL header comprises a second UW 221 and physical layer signaling (PLS) data 223. The PLS comprises encoded data fields reflecting a length of the PL frame, where the data fields are encoded based on a second modcod scheme of a second set. The first modcod set is designed for an SNR operating rangerelatively lower than the SNR operating range of the second modcod set.



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

(22) Date of filing of Application :07/02/2014

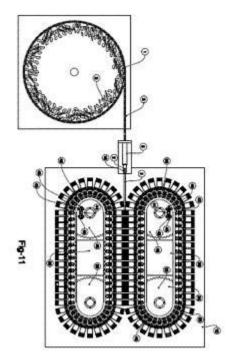
(43) Publication Date: 13/11/2015

(54) Title of the invention: CASHEW NUT SHELL REMOVER

(51) International classification		(71)Name of Applicant :
(-,	5/00	1)MATHEW ZAKARIAHS
(31) Priority Document No	:NA	Address of Applicant :A-302, EVENING STAR, RAHEJA VIHAR
(32) Priority Date	:NA	COMPLEX, CHANDIVALI, MUMBAI - 400 072, INDIA. Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MATHEW ZAKARIAHS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		1

(57) Abstract:

The present invention relates to a cashew nut shell removing apparatus comprises a feeder (1) to receive and transport at least one cashew nut (2) in a pre-determined position. A linear actuator (5, 6) transports said cashew nuts (2) in said position towards at least one cutter (7). Said cutter (7) is positioned to cut a shell of said cashew nuts (2) from at least one side thereof. A conveyor mechanism includes at least one shell remover to receive said cashew nuts (2) from the cutter (7) to vertically pierce through the shell of said cashew nuts (2). The shell remover comprises a pair of blades (32, 33) for positioning said cashew nuts and vertically piercing through the shell. Thereafter, two spaced apart containers separately collect the removed shell and at least one shell-free cashew nut.



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

(22) Date of filing of Application :07/02/2014

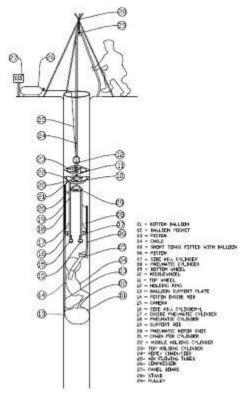
(43) Publication Date: 13/11/2015

(54) Title of the invention: RESCUER FROM BOREWELL

	:E21B43/01,	(71)Name of Applicant :
(51) International classification	E21B43/12,	1)MATHEW ZAKARIAHS
	E21B43/34	Address of Applicant :A-302, EVENING STAR, RAHEJA VIHAR
(31) Priority Document No	:NA	COMPLEX, CHANDIVALI, MUMBAI - 400 072, INDIA. Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MATHEW ZAKARIAHS
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 apparatus for rescuing from a bore-well comprises an imaging device (15) for detecting a subject (4) inside said bore-well. A first linear actuator (23) rigidly positions along bore-well boundaries around the detected subject (4), while a second linear actuator (18) extends a piston (14) towards a first side of said detected subject (4). A third linear actuator (22) rigidly positions along said boundaries, upon said piston (14) having extended towards said detected subject (4). Said second linear actuator (18) actuates a first elastic substance (1) to hold said detected subject (4). A fourth linear actuator (8) extends a piston (6) towards a second side of said detected subject to reach at least one limb of said detected subject. Finally, said first linear actuator (23) and said third linear actuator (22) release said rigid positions in order to lift said subject (4) upwards.



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

(43) Publication Date: 13/11/2015

(19) INDIA

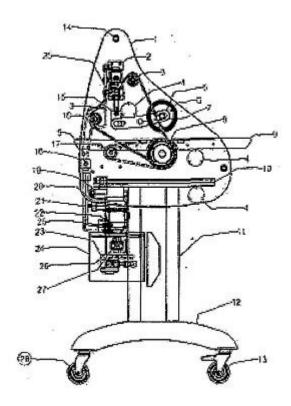
(22) Date of filing of Application :11/02/2014

(54) Title of the invention : DIGITAL HYDRAULIC COLD LAMINATION MACHINE FOR PRESSURE SENSITIVE LAMINATING AND MOUNTING OF FILMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	B29C35/02, B32B37/00 :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MR. RAJEEV BHASKARAN Address of Applicant: AA-66, KAILASH IND. COMPLEX, PARK SITE, VIKHORLI (WEST), MUMBAI - 400079 Maharashtra India (72)Name of Inventor: 1)MR. RAJEEV BHASKARAN
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A digital hydraulic cold lamination machine for use with pressure sensitive laminating and mounting films comprises with agronomic control panel, paper guide system, Feed table, hydraulically operated roller, variable speed control device, push button and foot switch controls, take up rolls for winding, emergency stop, print mounting device. The digital hydraulic machine is with infinitely variable roller gap of 0 to 25 mm.



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

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: TACTILE COUPLING FOR VISION-INDEPENDENT OPERATION OF ELECTRONIC DEVICES

	:G06F3/033,	(71)Name of Applicant:
(51) International classification	G06F3/038,	1)Sumit Dagar
	G06F1/16	Address of Applicant :2111, C2, Vasant Kunj, New Delhi 110070,
(31) Priority Document No	:NA	India Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Sumit Dagar
(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 device and user interface for visually impaired users for, and methods for manufacturing and using same. One aspect includes a method of providing a device user interface for visually impaired users and receiving touch-based user input via the interface, the method including: replacing automatically a default device user interface with the device user interface for visually impaired users; presenting via a touch screen of the user device a first menu item comprising menu text; and presenting via a speaker of the user device a first audio message corresponding to the first menu item text. Another aspect includes a user device for visually impaired users comprising a touch screen configured to receive touch input from a user and present a touch-input interface for Braille input comprising a plurality of input regions defined by and separated by input region boundaries.

No. of Pages: 25 No. of Claims: 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1039/MUM/2014 A

(43) Publication Date: 13/11/2015

(54) Title of the invention: EMBRYO BABY TYER.

(51) International classification	15/00, B60C	(71)Name of Applicant: 1)SANGRAM M. VELHAL Address of Applicant:R.S.NO. 995/2A, MOHITE PARK, KOLHAPUR-416012, MAHARASHTRA, INDIA. Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)SANGRAM M. VELHAL
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In this invention we apply and fixed heavy duty rubber of aeroplance tyre rubber inside between two the vehicle rim border. The thickness of this rubber is 4 to 10 inch as requirement in separate three equal part. So this rubber acquire and cover inside the ream circumference. The thickness of this rubber two to three inch outside the rim border. (as per requirement). When vehicle main tyre blast our Embryo Baby tyre to take place and support to rim and vehicle and make balance the vehicle. So rim and vehicle did not rub on road. So our vehicle is survive from accident and bump on another object like vehicle or any unknown part. So we save casuality

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

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: TRIPPING DEVICE FOR THERMAL OVERLOAD RELAYS

(51) International classification(31) Priority Document No(32) Priority Date	7/08 :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001,
(33) Name of priority country (86) International Application No	:NA :NA	INDIA Maharashtra India (72)Name of Inventor:
Filing Date	:NA	1)ABHISHEK G. KHEDEKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a tripping device (100) for thermal overload relay. The tripping device (100) comprises a bimetal element (10), a heating element (20), a coupler/joint (30), an insulating element (40) and an incoming terminal (not shown) and outgoing terminal (not shown). The heating element (20) is made up of at least three wires connected in parallel. The tripping device (100) is capable of being used for higher currents due to three wire heating element (20). The tripping device (100) is assembled using least components that are easily available and cost effective.

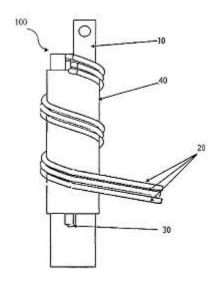


Figure 1

No. of Pages: 9 No. of Claims: 2

(22) Date of filing of Application :05/02/2014

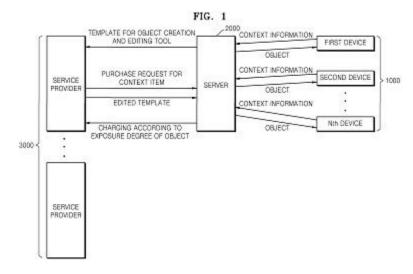
(43) Publication Date: 13/11/2015

(54) Title of the invention: SYSTEM AND METHOD OF PROVIDING OBJECT FOR SERVICE OF SERVICE PROVIDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	G06Q50/10 :10-2013- 0013490	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant:129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Republic of Korea Republic of Korea (72)Name of Inventor: 1)Jong-hyun RYU 2)Nam-wook KANG 3)Jae-young LEE
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(57) Abstract:

A server and method of providing an object for accessing a service of a service provider are provided. The server includes a context model providing unit configured to provide to the service provider at least one context model that is associated with the service, which is used by a device or a user, and a situation in which the device or the user uses the service; a purchase request receiving unit configured to receive a purchase request submitted by the service provider for a context model which is selected from among the at least one context model; and an object generation unit configured to generate the object for accessing the service of the service provider. The generated object is matched with the context model associated with the purchase request received from the service provider.



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

(22) Date of filing of Application :07/02/2014

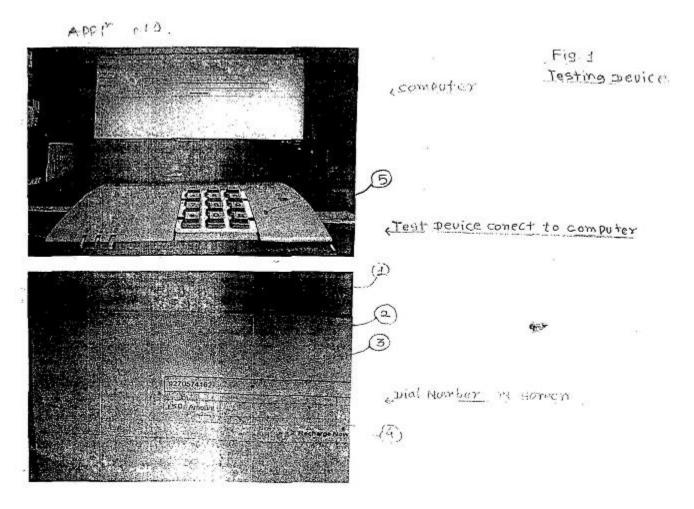
(43) Publication Date: 13/11/2015

(54) Title of the invention: EASY DIAL-THE DEVICE FOR MOBILE TOP-UP PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M15/00, H04M1/2755, H04M17/02 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SHARAD ASHOK SHIMPI Address of Applicant: MIG 6/2, 6TH SCHEME CIDCO, UPENDRA NAGAR,NASIK 422 009, (MH) INDIA. Maharashtra India (72)Name of Inventor: 1)SHARAD ASHOK SHIMPI
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(57) Abstract:

With the help of computer internet and website, mobile recharge can be done by way of top-up to the mobile customers, Easy dial device is an external device which can be connected to the computer and mobile. This device is provided with a keyboard and a small screen on it for dial digit display. With the help of this device the customer himself can dial SIM provider, Mobile Number, and Amount.



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

(22) Date of filing of Application :12/02/2014

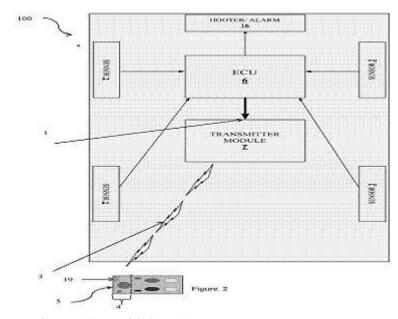
(43) Publication Date: 13/11/2015

(54) Title of the invention: A SYSTEM FOR DETECTING AND INDICATING THEFT OF A VEHCILE AND THE METHOD THEREOF

:B60R25/04,	(71)Name of Applicant:
B60R25/00,	1)TATA MOTORS LIMITED
G08B25/10	Address of Applicant :Bombay House, 24 Homi Mody Street,
:NA	Hutatma Chowk, Mumbai – 400 001, Maharashtra, India Maharashtra
:NA	India
:NA	(72)Name of Inventor:
:NA	1)SAGAR S. TIKAR
:NA	2)ASHFAQUE ANSARI
: NA	
:NA	
:NA	
:NA	
:NA	
	B60R25/00, G08B25/10 :NA :NA :NA :NA :NA : NA : NA :NA

(57) Abstract:

A method for detecting theft of a vehicle (100), comprising steps of: detecting an attempt to enter into the vehicle (100) by generating an activation signal (1) from at least one sensor (2) installed in the vehicle (100); initiating transmission of an alarm signal (3) by the activation signal (1); activating an alarm unit (4) installed in a key fob (5) of the vehicle (100) by receiving the alarm signal (3) for alerting a user. FIG. 2



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

(43) Publication Date: 13/11/2015

(19) INDIA

(22) Date of filing of Application :28/03/2014

(54) Title of the invention: MECHANISM CAM ASSEMBLY FOR MOTOR CONTROL CENTRE (MCC) MODULE OF CIRCUIT BREAKER

(51) International classification	:H02B	(71)Name of Applicant:
(51) international classification	1/36	1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001,
(33) Name of priority country	:NA	INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SIVAKUMAR R
(87) International Publication No	: NA	2)ABHISHEK PANICKER
(61) Patent of Addition to Application Number	:NA	3)GNANA GANESH B
Filing Date	:NA	4)JAYAKUMAR M
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55)		

(57) Abstract:

Disclosed is mechanism cam assembly for motor control centre (MCC) module of a switchboard. The assembly comprises a cam secured over a shaft of the MCC module. The cam is being capable of moving through and fro along the length of the shaft. The cam includes a helical slot configured along surface thereof, wherein the cam includes power contacts coupled thereto. The assembly further comprises a guide member configured on an end of the shaft for accommodating an actuating shaft thereto for rotating the shaft and a bush member mounted over the shaft. The bush member is capable of sliding through the helical slot of the cam upon rotation of the shaft.

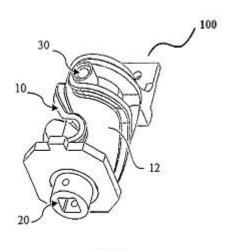


Figure 1

No. of Pages: 13 No. of Claims: 2

(22) Date of filing of Application :03/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: RECTANGULAR FLUIDIZED BED DRYER WITH TRIANGULAR WAVY WALLS

(57) Abstract:

The present invention relates for a Rectangular Fluidized Bed Dryer with Triangular Wavy Walls for the drying of wet particulate and granular materials that can be fluidized. Proper food drying procedures can eliminate spoilage during storage and improve the quality of grain. Appropriate dryer should be designed for reducing the damage to grain and for economic feasibility. The drying method and conditions determine type and characteristics of the final product. Fluidized bed dryers (FBD) are used extensively for the drying of wet particulate and granular materials that can be fluidized. Following invention is described in detail with the help of Figure 1 of sheet 1 which shows preferred embodiment of the Rectangular Fluidized Bed Dryer.

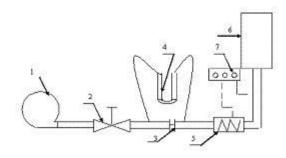


Figure 1

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

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/11/2015

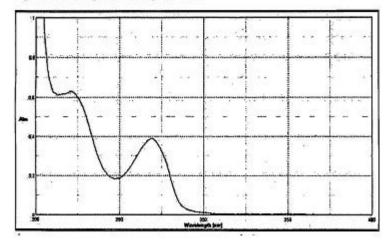
(54) Title of the invention: COCRYSTALS AND PHARMACEUTICAL COMPOSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/00, A61K9/00 ·NA	(71)Name of Applicant: 1)MR. SARODE MAHESH CHANDRAKANT Address of Applicant: N-9, M-2, 70/1, SANT DNYANESHWAR NAGAR, HUDCO, AURANGABAD 431003, MAHARASHTRA, INDIA. Maharashtra India 2)MR. PATNI SANTOSH DILIP 3)MR. GADADE DIPAK DILIP 4)DR. LAHOTI SWAROOP R. 5)DR. PEKAMWAR SANJAY S. (72)Name of Inventor: 1)MR. SARODE MAHESH CHANDRAKANT 2)MR. PATNI SANTOSH DILIP 3)MR. GADADE DIPAK DILIP 4)DR. LAHOTI SWAROOP R. 5)DR. PEKAMWAR SANJAY S.
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(57) Abstract:

The present invention is concerned with phannaceutical cocrystals of antidiabetic drug pioglitazone hydrochloride with carboxylic acid derivatives in a defined stoichiometric ratio. The present invention is related manufacturing and use of pharmaceutical cocrystals comprising of soluble forms of pbglitazone hydrochloride with coformers that having improved physical properties and manufacturing of these cocrystals.

Figure 1: The UV Spectrum of Pioglitazone HC1



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

(21) Application No.528/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :17/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INFINETLY VARIABLE AUTOMATIC TRANSMISSION USING HYDRAULICS FOR AUTOMOBILE

(51) International classification :F16H6	1/02 (71)Name of Applicant :
(31) Priority Document No :NA	1)ANAND MATUKDHARI PANDEY
(32) Priority Date :NA	Address of Applicant :P-206, ROHAN MITHILA, NEW VIP
(33) Name of priority country :NA	AIRPORT ROAD, VIMANNAGAR, PUNE Maharashtra India
(86) International Application No :PCT//	(72)Name of Inventor:
Filing Date :01/01/	1900 1)ANAND MATUKDHARI PANDEY
(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 of this system is for using hydraulic system for transmission. Also to make the transmission a cost effective. By using this invention the cost of automatic transmission shall reduce drastically and even the complex system of automatic transmission can be simplified. Above all the control of vehicle shall increase is this technology is adopted in all vehicle, as a driver can concentrate on the driving without thinking of gear changing. In gear box transmission whether automatic or Manual gear box. The ration is always fixed depending upon no of gears shift provided. But in this transmission the ratio can infinite. And if required in high speed application the ration can be changed at the output side. Using these features the average fuel efficiency can be increased. Which is the need of time for conservation of fossil fuel.

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

(43) Publication Date: 13/11/2015

(19) INDIA

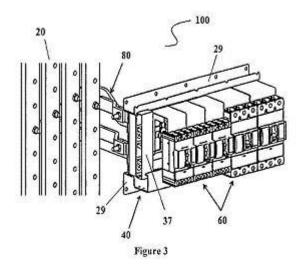
(22) Date of filing of Application :27/03/2014

(54) Title of the invention: "ARRANGEMENT OF ELECTRICAL SWITCHING DEVICES"

:H01Q 3/26	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001,
:NA	INDIA Maharashtra India
:NA	(72)Name of Inventor:
:NA	1)PRITESH KAMALAKAR BHOLE
: NA	
:NA	
:NA	
:NA	
:NA	
	3/26 :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

Disclosed is an arrangement of electrical switching devices with a distribution block to make a compact enclosure with particular forms of separation. The arrangement comprises a vertical busbar and a distribution block. The distribution block converts a single power supply input/point into many power outputs in a very compact and modular manner. The present invention provides a neat, clean, modular and optimum solution of the arrangement of the electrical devices.



No. of Pages: 25 No. of Claims: 2

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: HIGH PRESSURE COMPRESSED AIR GENERATED WITH THE HELP OF SOLAR POWER ENERGY AND HYDRAULIC MECHANISM.

(51) International classification :B6 (22)0 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number : NA Filing Date : NA (62) Divisional to Application Number : NA Filing Date : NA	R (71)Name of Applicant: 1)SANTOSH ARVIND PRADHAN Address of Applicant: 'ARUNODAYA', PLOT NO.51, PIONEER HOUSING SOCIETY, SWAWLAMBI NAGAR, NAGPUR (MAHARASHTRA) INDIA 440025 Maharashtra India (72)Name of Inventor: 1)SANTOSH ARVIND PRADHAN
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(57) Abstract:

I have placed photovoltaic solar panels or any other type of solar panels in series with either fixed type structure for collecting sun radiation or with either single axis tracking movement of sun to collect the maximum radiations or with either dual axis tracking movement of sun to collect the maximum radiations. I have joined the connections of photovoltaic solar panels placed in series or any other type of solar panels placed in series thus the final cable connections will come out W"hich will be attached to the charging controller where the uneven current flow will be stabilized, filtered and control. Now here the cable connection coming out of charging controller can be directly attached to a DC motor placed nearby or if required it can be attached to the battery bank and then later on it will be attached to a DC motor placed nearby for better results. This DC motor will be further attached and aligned to a hydraulic pump now these hydraulic pump can be either hydraulic gear pump, hydraulic vane pump, hydraulic piston pump, hydraulic radial piston pump, high pressure hydraulic check ball pump or any other types of hydraulic pumps. Here I can design the hydraulic circuit as per the requirement of my customer who will be having freedom to choose from any types of hydraulic pump which are available in market and which will give best results. I have placed hydraulic tank at the close vicinity of the hydraulic pump. The inlet connection of hydraulic pump is attached to the outlet connection of hydraulic tank and the outlet connection of hydraulic pump is attached to the inlet port of hydraulic accumulators line placed in series. Now in between one by pass line is also given for safety purpose, whenever several hydraulic accumulators placed in series will be completely filled with high pressure hydraulic fluid set than the hydraulic accumulator line will be automatically disconnected and the bypass line will be opened and now the pressurized hydraulic fluid will be going directly to the hydraulic tank. I have attached non return valve, pressure gauge and flow control valve to the outlet port of hydraulic pump and I have also placed non return valve, pressure gauge, flow control valve, solenoid valves, hydraulic strainers and other hydraulic consumables where ever it is necessary. I have joined the inlet and outlet ports of hydraulic pump and hydraulic accumulators through high pressure sustaining fixed hydraulic pipelines or through high pressure sustaining flexible hydraulic pipelines. Hydraulic accumulators are made with high pressure sustaining molybdenum steel or with high pressure sustaining carbon fiber reinforced plastic material. Now when solar radiations will start it wrill be absorbed iri photovoltaic solar panels or any other type of solar panels and it will initially give uneven electrical current flow which will be stabilized, filtered and control in the charging controller and thus now smooth current flow will be given to the DC motor directly or the smooth current flow will be first going to the battery bank for charging and later on the smooth current will be given to DC motor both of these connections can be made as per the requirement of the customer. After getting the required smooth current flow DC motor will start rotating the shaft which is eventually attached and aligned to the shaft of hydraulic pump of customers choice. Now hydraulic oil will come in the hydraulic pump from hydraulic tank and now it will start pumping operation and thus high pressure hydraulic fluid will come out of hydraulic pump. High pressure hydraulic fluid generated is basically energy now this pumped and pressurized energy will be stored in hydraulic accumulators placed in series. Here hydraulic accumulators will work as the pressurized energy storage device which will be used subsequently. The hydraulic circuit is made such that after filling the first hydraulic accumulator it will be automatically closed and now the second hydraulic accumulator will start getting the high pressure hydraulic fluid and so on. In a complete day if I have used fixed type of structure for collecting the maximum solar radiations than as per the efficiencies of the present best quality of solar panels, I will accordingly get the results. The present best efficiencies of the fixed type of structure for holding solar panels and absorbing the maximum solar radiations are 20% - 23%. Similarly if I have used single axis tracking movement of sun to collect the maximum solar radiations than as per the efficiencies of the present best quality of solar panels, I will accordingly get the results. The present best efficiencies of the single axis tracking system for holding solar panels and absorbing the maximum solar radiations are 30% ~ 34%. Similarly if I have used dual axis tracking movement of sun to collect the maximum solar radiations than as per the efficiencies of the present best quality of solar panels. I will accordingly get the results. The present best efficiencies of the dual axis tracking system for holding solar panels and absorbing the maximum solar radiations are 37% -40%. Now in a complete day as per the structure chosen for collecting the maximum solar radiations, I will get the pumped high pressure hydraulic fluid which is being stored in hydraulic accumulators placed in series. The most unique part of this technology is that from a small solar energy facility 1 can get the whole day electrical power stored in hydraulic accumulators in the form of high pressure hydraulic fluid, now these stored energy can be subsequently used for any high electrical power applications. I have attached and aligned hydraulic motor to a high pressure compressor for getting the high pressure compressed air. Now the hydraulic motor can be either hydraulic gear motor, hydraulic vane motor, hydraulic piston motor, hydraulic radial piston motor, high pressure hydraulic check ball motor or any other types of hydraulic motor. Here I can design the hydraulic circuit as per the requirement of my customer who will be having freedom to choose from any types of hydraulic motor which are available in market and which will give best results. I have attached the common hydraulic pipeline connection of hydraulic accumulators to the inlet port of chosen hydraulic motor and I have attached the outlet port of the hydraulic motor to the inlet port of return line hydraulic filter and outlet port of hydraulic return line filter to the hydraulic tank placed nearby. I have joined the inlet and outlet ports of hydraulic motor and hydraulic accumulators through high pressure sustaining fixed hydraulic pipelines or through high pressure sustaining flexible hydraulic pipelines. Now I am already having pressurized energy stored in hydraulic accumulators. I will open the connection of hydraulic accumulator manually through some valve or through automatically with the use of solenoid valve. High pressure hydraulic fluid will go in to the hydraulic motor and the shaft of hydraulic motor will start rotating along with the shaft of high pressure compressor as both the shaft are attached and aligned at a fabricated platform. After reaching the desired revolution high pressure compressor will start delivering the high pressure compressed air which will be subsequently stored in the carbon fiber reinforced high pressure tank or high pressure sustaining molybdenum steel tank placed in the automobile vehicles or other types of vehicles or carbon fiber reinforced high pressure tank or high pressure sustaining molybdenum steel tank placed separately along with the entire mechanism. Now a days there are lot of different types of automobile vehicles or other types of vehicles like tractors, excavators and etc which runs through high pressure compressed air and again with the help of high pressure compressed air I can run generator also to generate electricity. As I have stored high pressure compressed air in separate carbon fiber reinforced high pressure tank or high pressure sustaining molybdenum steel tank from there I can transfer this high pressure compressed air in the high pressure tanks of running automobile vehicles or any other types of vehicles like scooters, motorcycles, three wheeled vehicles, tractors, excavators, ships, railway trains, any other agricultural vehicles and etc with the use of high pressure compressed air transfer mechanism. Similarly, this entire mechanism can also be placed in running car or in running any type of automobile vehicles or any other types of vehicles like scooters, motorcycles, three wheeled vehicles, tractors, excavators, trucks, buses, ships, railway trains, any other agricultural vehicles and etc by condensing the size of entire mechanism.

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

(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DUAL POWER OPERATING MECHANISM FOR OPERATING LIFTS, HOISTS AND ELEVATORS THROUGH ELECTRICITY AND HIGH PRESSURE COMPRESSED AIR OR HIGH PRESSURE HYDRAULIC FLUID.

(51) International classification(31) Priority Document No	:B23K 26/00 :NA	(71)Name of Applicant: 1)SANTOSH ARVIND PRADHAN Address of Applicant: 'ARUNODAYA', PLOT NO.51, PIONEER
(32) Priority Date	:NA	HOUSING SOCIETY, SWAWLAMBI NAGAR, NAGPUR
(33) Name of priority country	:NA	(MAHARASHTRA) INDIA 440025 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SANTOSH ARVIND PRADHAN
(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:

I have placed an electric motor operated compressor which will produce pressurized compressed air at a close vicinity to the lifts and hoists, pressurized compressed air such produced will be subsequently stored in milled steel fabricated compressed air tank which is also placed at a close vicinity to the lifts and hoists or the milled steel fabricated compressed air tank can be also placed beneath the ground level to save the space. I have made a common pulley mechanism in between the electrical motor or gear box mounted electrical motor and the air turbine motor / air motor mechanism or gear box mounted air turbine motor / air motor. I have attached an electromagnetic clutch to the common pulley mechanism shaft at one end and during the starting and subsequently travelling of lifts and hoists every time this electromagnetic clutch will be by default attached with the electrical motor or gear box mounted electrical motor to start its operations. I have attached a pneumatic clutch to the other end of common pulley mechanism shaft which will be eventually connected to the air turbine motor / air motor or gear box mounted air turbine motor / air motor when, electricity is not available or I have attached a pneumatic clutch to the other end of the shaft of electrical motor or gear box mounted electrical motor, which will be eventually connected to the air turbine motor / air motor ox gear box mounted air turbine motor / air motor when electricity is not available. During sudden power cut the electromagnetic clutch will be disengage with the electrical motor or gear box mounted electrical motor or gear box mounted electrical motor or gear box mounted air turbine motor using compressed air as medium. Now I have attached connections of the inlet and outlet of the milled steel fabricated compressed air tank to the inlet and outlet of the air turbine motor. During sudden power cuts lifts and hoists may be operated with the help of high pressure compressed air as a medium or if required I can run the complete Lift, hoist, elevator mechanism through only compressed air. Pressurized Compressed air for operating lifts and hoists can also be generated and stored using solar photovoltaic panels or using a small wind mill or residential electric power. Now after implementing this technology lifts and hoists operators and manufacturers will be having dual power mode of operating. This technology will help them for customer safety. Microprocessor present in the system will ensure the proper timing of filling and discharging of high pressure compressed air. Microprocessor will also ensure the safe and effective usage of solar photovoltaic panel operation or usage of small wind mill for filling the pressurized compressed air. I have placed several big size milled steel fabricated compressed air tank beneath the ground level for storing large volume of pressurized compressed air, now instead of electricity if we want to run our lifts and hoists through these stored high volume of pressurized compressed air than our microprocessor will also ensure up to which point the system running through pressurized compressed air and air turbine motor / air motor or gear box mounted air turbine motor / air motor will be operated later on it will turn off for safety measure and then with in fraction of second time our electromagnetic clutch will receive the signal and it will attached with the electrical motor or gear box mounted electrical motor or the gear box shaft. Now instead of pressurized compressed air as medium I can also used high pressure hydraulic fluid as medium. I have placed an electric motor operated hydraulic pump which will produce high pressure hydraulic fluid at a close vicinity to the lifts and hoists. High pressure hydraulic fluid such produced will be subsequently stored in high pressure hydraulic accumulators, which is also placed at a close vicinity to the lifts and hoists or the high pressure hydraulic accumulators can be also placed beneath the ground level to save the space. I have made a common pulley mechanism in between the electrical motor or gear box mounted electrical motor and the hydraulic motor mechanism or gear box mounted hydraulic motor. I have attached an electromagnetic clutch to the common pulley mechanism shaft at one end and during the starting and subsequently travelling of lifts and hoists every time this electromagnetic clutch will be by default attached with the electrical motor or gear box mounted electrical motor to start its operations. I have attached a battery operated electrical clutch or pneumatic clutch or a hydraulic clutch to the other end of common pulley mechanism shaft which will be eventually connected to the hydraulic motor or gear box mounted hydraulic motor when electricity is not available or I have attached a battery operated electromagnetic clutch / pneumatic clutch / hydraulic clutch to the other end of the shaft of electrical motor or gear box mounted electrical motor, which will be eventually connected to the hydraulic motor or gear box mounted hydraulic motor when electricity is not available. During sudden power cut the electromagnetic clutch will be disengage with the electrical motor or gear box mounted electrical motor and within fraction of second time our microprocessor will give instruction to the battery operated electrical clutch or pneumatic clutch or hydraulic clutch to engage with the hydraulic motor or gear box mounted hydraulic motor using battery power or pressurized compressed air or high pressure hydraulic fluid as medium: Now I have attached connections of the inlet port of the hydraulic accumulators to the outlet port of hydraulic pump and inlet port of hydraulic pump to the hydraulic tank. I have also attached common pipeline of hydraulic accumulators to the inlet port of hydraulic motor and out let port of hydraulic motor to the inlet port of online filter and outlet port of online filter to the inlet port of hydraulic tank. In between I have also placed various hydraulic mechanisms for completing the hydraulic circuit. During sudden power cuts lifts and hoists may be operated with the help of pressurized compressed air or high pressure hydraulic fluid as a medium, pressurized Compressed air or high pressure hydraulic fluid for operating lifts and hoists can also be generated and stored using solar photovoltaic panels or through wind mill. Now after implementing this technology lifts and hoists operators and manufacturers will be having dual power mode of operating. This technology will help them for customer safety. Microprocessor present in the system will ensure the proper timing of filling and discharging of high pressure hydraulic fluid present in hydraulic accumulators. Microprocessor will also ensure the safe and effective usage of solar photovoltaic panel operation or wind mill of filling the high pressure hydraulic fluid in hydraulic accumulators. I have placed several big size hydraulic accumulators beneath the ground level for storing large volume of high pressure hydraulic fluid, now instead of electricity if we want to run our lifts and hoists through these stored high volume of high pressure hydraulic fluid than our microprocessor will also ensure up to which point the system running through high pressure hydraulic fluid and hydraulic motor or gear box mounted hydraulic motor will be operated later on it will turn off for safety measure and then with in fraction of second time our electromagnetic clutch will receive the signal and it will attached with the electrical motor or gear box mounted electrical motor or the gear box shaft. I have also placed several vertical and linear motion operated small compressors just above the resting station of lifts, hoists, elevators i.e. at the ground floor and also placed vertical and linear motion operated small compressors at the top portion of the resting station of lifts, hoists, elevators i.e. at the top floor to grab a stroke. Now when ever lifts will start its operation and during its travel most of the time it comes to the ground floor / top floor and now due to the self weight of the lifts, hoists, elevators it will pump the piston of vertical and linear motion operated small compressors to grab a stroke subsequently after pumping the pressurized compressed air will come out from small compressors and it will flow towards the storage compressed air tanks. I have also installed a non return valve just after the outlet port of these small compressors so that the pumped pressurized compressed air should not make a back stroke. It means that whenever lifts, hoists, elevators will travel it will subsequently make lot of strokes to the pistons of small compressors to generate pressurized compressed air which will be automatically stored in compressed air storage tanks. In this operation, I will get pressurized compressed air to operate lifts, hoists elevators without spending any money on electricity. Which means that our electric motor operated compressor will be used rarely as now pressurized compressed air will be filled with the above said mechanism frequently, T have also placed pressure relief valve to each of the storage tanks of compressed air for safety purpose, whenever the desired pressure is achieved the pressure relief valve will be automatically opened and the pumped compressed air will be released in atmosphere. In between I have also used various other important pneumatic parts to complete the pneumatic circuit. I have also placed several vertical and linear motion operated small hydraulic pumps just above the resting station of lifts, hoists, elevators i.e.at the ground floor and also placed vertical and linear motion operated small hydraulic pumps at the top portion of the resting station of lifts, hoists, elevators i.e. at the top floor to grab a stroke. Now when ever lifts will start its operation and during its travel most of the time it comes to the ground floor/ top floor and now due to the self weight of the lifts, hoists, elevators it will pumps the piston of vertical and linear motion operated small hydraulic pumps to grab a stroke subsequently after pumping the pressurized hydraulic fluid will come out from small hydraulic pumps and it will flow towards the hydraulic accumulator tanks. I have also installed a non return valve just after the outlet port of these small hydraulic pumps so that the pumped pressurized hydraulic fluid should not make a back stroke. It means that whenever lifts, heists, elevators will travel it will subsequently make lot of strokes to the pistons of small hydraulic pumps to generate pressurized hydraulic fluid which will be automatically stored in hydraulic accumulator tanks. In this operation, I will get pressurized hydraulic fluid to operate lifts, hoists, elevators without spending any money on electricity. Which means that our electric motor operated hydraulic pump will be used rarely as now pressurized hydraulic fluid will be filled with the above said mechanism frequently. I have also placed pressure relief valve to each of the storage hydraulic accumulator tanks of hydraulic fluid for safety purpose, whenever the desired pressure is achieved the pressure relief valve will be automatically opened and the pumped and pressuri2ed hydraulic fluid will be released in hydraulic tank automatically. In between j have also used various other important hydraulic parts to complete the hydraulic circuit.

No. of Pages: 17 No. of Claims: 10

(22) Date of filing of Application :06/02/2014

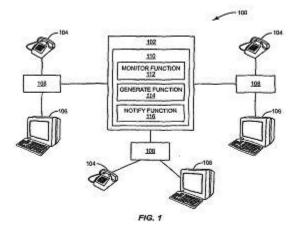
(43) Publication Date: 13/11/2015

(54) Title of the invention: "METHODS, APPARATUSES AND SYSTEMS FOR GENERATING AN ACTION ITEM IN RESPONSE TO A DETECTED AUDIO TRIGGER DURING A CONVERSATION"

	:H04W4/00,	(71)Name of Applicant :
(51) International classification	G10L15/26,	1)AVAYA, INC
	G10L19/00	Address of Applicant :211, MOUNT AIRY ROAD, BASKING
(31) Priority Document No	:13/761,464	RIDGE, NEW JERSEY 07920, USA. U.S.A.
(32) Priority Date	:07/02/2013	(72)Name of Inventor:
(33) Name of priority country	:U.S.A.	1)TED YOUEL
(86) International Application No	:NA	2)JOHN H. YOAKUM
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:

Embodiments include methods, apparatuses, and systems for generating an action item in response to a detected audio trigger during a conversation. Embodiments relate to generation of one or more action items in response to detection of an audio trigger, such as a spoken command, keyword, audio tone or other indicator, which is detected during a conversation, such as an audio or video conference or peer-to-peer conversation. The audio trigger and a portion of the conversation are then used to generate an action item relating to the audio trigger and an accompanying portion of the conversation. By automatically generating action items in real time as part of a conversation, action items can be captured and stored more efficiently, and the participants in the conversation are allowed greater confidence that all items requiring follow up actions are properly stored and organized.



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

(21) Application No.475/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: TOPICAL FORMULATIONS OF HEPARIN

	:A61K9/00,	(71)Name of Applicant :
(51) International classification	A61K	1)Troikaa Pharmaceuticals Limited
	31/00	Address of Applicant :Commerce House-1, Satya Marg, Bodakdev,
(31) Priority Document No	:NA	Ahmedabad-380054, Gujarat, India Gujarat India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)PATEL, K. R.
(86) International Application No	:NA	2)PATEL, M.R.
Filing Date	:NA	3)PATEL, A.K.
(87) International Publication No	: NA	4)SHAH, Prakash J.
(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 advanced topical formulations of pharmaceutically acceptable salts of Heparin providing enhanced transdermal penetration. The present invention provides clear, non-sticky liquid formulations in which the drug is ready-for-absorption and which are suitable for administration in the form of a solution or a spray. The topical formulations of the present invention do not form flaky or gel-like film on skin surface upon topical application.

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

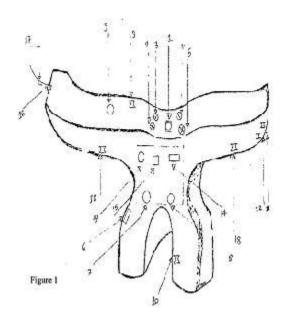
(22) Date of filing of Application :17/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: A WELL-INTEGRATED SYSTEM FOR EYE-GEAR HYGIENE

	:H04N	(71)Name of Applicant:
(51) International classification	7/00,	1)AMOL PANJABRAO KORE
(51) international classification	A61f	Address of Applicant :B1-703, SAARTHI SHILP, NEAR EKLAVYA
	9/00	POLYTECHNIC COLLEGE, KOTHRUD, PUNE-411038,
(31) Priority Document No	:NA	MAHARASHTRA, INDIA. Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)AMOL PANJABRAO KORE
(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	
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(57) Abstract:

The invention provides a well-integrated system for eye-gear hygiene in the form of a wearable and portable apparatus means for indicating, monitoring, controlling, recording and catching the attention of eyes about the physical parameters affecting the eye health. The wearable device may worn by both short sighted people and people with good eyesight. The said system also provides a training and education to the wearer about the eye health care and hence wearer can avail many test programs as per their eye health requirement which helps in early detection of eye related problem.



No. of Pages: 22 No. of Claims: 11

(22) Date of filing of Application :29/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITION OF NSAID AND PPI OR SALTS THEREOF

(51) International classification	:A61K31/60, A61K45/06.	(71)Name of Applicant: 1)WOCKHARDT LIMITED
(31) International classification	A61K9/20	Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Shewale,Amit
(86) International Application No	:NA	2)Kaneria, Vishal
Filing Date	:NA	3)Salampure, Sachin
(87) International Publication No	: NA	4)Chordiya, Jitendrakumar
(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 pharmaceutical composition of NSAID and PPI or salts thereof. In particular, the invention relates to a composition of NSAID and PPI or salts thereof comprising a core and two or more layers coated on the core. The invention also includes a method of treating upper gastrointestinal injury associated with NSAID and for the secondary prevention of cardiovascular disease in patients at risk for NSAID - associated gastric ulcers.

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

(22) Date of filing of Application :29/03/2014

(43) Publication Date: 13/11/2015

$(54) \ Title \ of the invention: PROCESS \ FOR \ PREPARING \ SOLID \ ORAL \ PHARMACEUTICAL \ COMPOSITIONS \ COMPRISING \ CINACALCET \ OR \ SALTS \ THEREOF$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/137, A61K9/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)WOCKHARDT LIMITED Address of Applicant: D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India (72)Name of Inventor: 1)Agarwal, Amar 2)Gupta, Saurabh 3)Naidu, Venkataramana 4)Jain,Girish Kumar
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(57) Abstract:

The present invention relates to process of preparing solid oral pharmaceutical compositions comprising cinacalcet or salts thereof. In particular, the present invention relates to process of preparing solid oral pharmaceutical compositions comprising cinacalcet or salts thereof and at least one pharmaceutically acceptable excipient other than disintegrating agent. The invention further relates to a method of treating secondary hyperparathyroidism and hypercalcemia in patients in need thereof by using such compositions.

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

(43) Publication Date: 13/11/2015

(19) INDIA

(22) Date of filing of Application :29/03/2014

(54) Title of the invention: SOLID ORAL PHARMACEUTICAL COMPOSITIONS COMPRISING CINACALCET OR SALTS THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/137, A61K9/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)WOCKHARDT LIMITED Address of Applicant: D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India (72)Name of Inventor: 1)Agarwal, Amar 2)Gupta, Saurabh 3)Naidu, Venkataramana 4)Jain,Girish Kumar
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(57) Abstract:

The present invention relates to solid oral pharmaceutical compositions comprising cinacalcet or salts thereof. In particular, the present invention relates to solid oral pharmaceutical compositions comprising cinacalcet or salts thereof and at least one pharmaceutically acceptable excipient other than disintegrating agent. The invention further relates to a method of treating secondary hyperparathyroidism and hypercalcemia in patients in need thereof by using such compositions.

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

(22) Date of filing of Application :07/02/2014

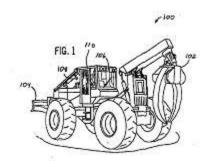
(43) Publication Date: 13/11/2015

(54) Title of the invention: WORK VEHICLE HVAC CONTROL BASED ON OPERATOR SEAT DIRECTION

(51) International classification	:B60H1/00	(71)Name of Applicant :
	:13/801,825	
` '	:13/03/2013	,
• /	:U.S.A.	ILLINOIS, 61265-8098, USA U.S.A.
	:NA	(72)Name of Inventor :
* *	:NA	1)HUBER RONALD J
(87) International Publication No	: NA	2)BREINER SCOTT J
(61) Patent of Addition to Application Number	:NA	3)GUILLORY CHRIS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An HVAC control system for directing the flow of air in a work vehicle"s HVAC system responds to the orientation of a rotating seat within the work vehicle"s cabin. The seat may rotate between at least two operational positions, such that the operator of the work vehicle may control a forward or a rearward implement. The HVAC control system includes one or more detectors for detecting the position of the seat. A control module receives output from the detectors and allows or prevents the flow of air through particular ducts in the HVAC system based on the seat"s position. The control module may actuate one or more doors to open and close ducts as needed. The control module may operate a first door to open or close forward ducts and a second door to open or close rearward ducts depending on whether the seat is facing forward or rearward.



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

(22) Date of filing of Application :18/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: 'INTELLIGENT FARMING SYSTEM TO MAKE PREDICTIVE MODELS USING HISTORICAL DATA AND THE WEATHER FORECAST

(51) International classification	:G05B19/418	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANKITA A. PARANJAPE
(32) Priority Date	:NA	Address of Applicant :C/O. ABHIJEET G. PARANJAPE SUDHA-
(33) Name of priority country	:NA	SAGAR, 70, KELA PLOTS, JATHARPETH, AKOLA-444001, (M.S.),
(86) International Application No	:NA	INDIA Maharashtra India
Filing Date	:NA	2)KAVITA TICKOO
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)ANKITA A. PARANJAPE
Filing Date	:NA	2)KAVITA TICKOO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the following disclosure, we are proposing an Intelligent Farming System that uses in an exemplary mode, thermochron - iButton to make predictive model using historical data and the weather forecasts. iButton plays the role of data acquisition. The data is collected, classified and stored using multi-dimensional database management system. The data is classified on the basis of Temperature(directly or with the help of indirect relations) which comprises of Soil Nutrients, Humidity and Moisture. The data becomes historical data over the period of time. This historical data and the then current parameters measured by the iButton along with the weather forecasts form the inputs to the Intelligent Farming System. The Intelligent Farming System predicts the corrective measures to be taken by a farmer using either of Similar Time Series, Cumulative Distribution Function, Discrete Fourier Transform, Artificial Intelligence or combinations thereof. The predicted values can be used with the help of microcontrollers interfaced to a display, to give instructions to the farmer for taking actions regarding the exact amount of use of fertilizers, insecticides and usage of water for drip irrigation. System may further connect to a computer via serial port for ease of reading the displayed parameters as the final output.

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

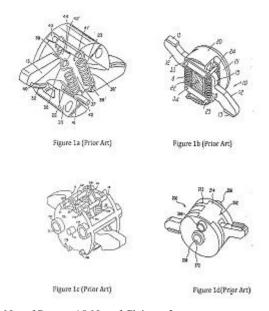
(22) Date of filing of Application :28/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ROTOR SHAFT ASSEMBLY FOR CIRCUIT BREAKER

(51) International classification	:F02P	(71)Name of Applicant :
(51) International classification	7/00	1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA
(33) Name of priority country	:NA	STATE, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ADITYA SONI
(87) International Publication No	: NA	2)V RAVI KISHORE REDDY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 4 4		<u> </u>

(57) Abstract:

Disclosed is a rotor shaft assembly for a circuit breaker. The rotor shaft assembly comprises a moving contact capable of removably connecting to a fixed contact thereby forming any one of closed and open condition therebetween. Further, the rotor shaft assembly includes a spring arranged between spring holders. The spring is capable of providing pressure for maintaining the connection between the moving contact and the fixed contact. Furthermore, the rotor shaft assembly includes one or more pin members for aligning the moving contact and the spring. Characterized in that, the moving contact is enclosed within a sleeve which insulates the moving contact and provides a barrier between the moving contact and other components of the rotor shaft assembly.



No. of Pages: 15 No. of Claims: 3

(43) Publication Date: 13/11/2015

(19) INDIA

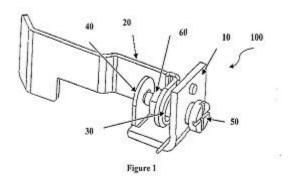
(22) Date of filing of Application :28/03/2014

(54) Title of the invention: DOOR INTERLOCK ASSEMBLY OF MOTOR CONTROL CENTRE MODULE

(51) International classification	:A61B 8/12	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, P. O. BOX: 278, MUMBAI 400 001,
(33) Name of priority country	:NA	INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SIVAKUMAR R
(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	
(F7) A1 4 4		•

(57) Abstract:

Disclosed is a door interlock assembly of a motor control centre (MCC) module. The door interlock assembly comprising a base member secured to a door of the MCC module, a first lever, a spring, a bracket and a connecting means. The first lever deflects and slides through a sliding bend thereof to snap fit/lock onto a second lever of the MCC module when the door is closed in a connected position of the MCC module. For opening the door in the connected position of the MCC module, the door interlock assembly is defeated using a tool that rotates the connecting means to disengage the first lever from the second lever.



No. of Pages: 18 No. of Claims: 3

(22) Date of filing of Application :29/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: IMPROVED PROCESS FOR PREPARING MICROPARTICLES

(51) International classification	:C07D471/04, A61K31/00	(71)Name of Applicant: 1)WOCKHARDT LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Kumar, Mukesh
Filing Date	:NA	2)Kakade, Suhas
(87) International Publication No	: NA	3)Markland, Peter
(61) Patent of Addition to Application Number	:NA	4)Jain, Girish Kumar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(AB) (1)		·

(57) Abstract:

There is provided an improved process for preparing microparticles. More particularly, a process is provided for preparing microparticles having a selected release profile for release of drug contained in the microparticles. By subjecting the emulsion to multiple steps including quenching, fine removal by decantation, washing and de-watering in a single vessel followed by lyophilization that is performed during the preparation of the microparticles, good quality microparticles can be prepared. The process of manufacturing the microparticles according to the invention is simple, robust and requires relatively less control of processing parameters. Further, the resulting microparticles possess excellent shape uniformity, exhibiting lesser agglomerating tendency after intermediate stage drying and good flowability in case of dry powder vial filling.

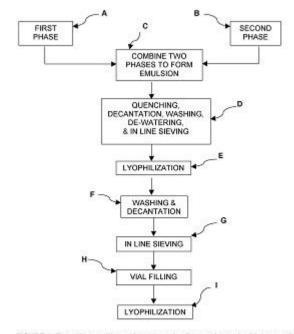


FIGURE 1: Flow diagram illustrating one embodiment of a method for preparing microparticles in accordance with the present invention

No. of Pages: 42 No. of Claims: 14

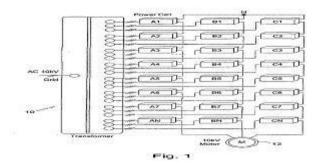
(22) Date of filing of Application :13/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DRIVE CIRCUIT FOR ELECTRICAL LOAD

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (83) International Publication Number Filing Date (84) Divisional to Application Number Filing Date (85) Divisional to Application Number Filing Date (86) Divisional to Application Number Filing Date (87) Divisional to Application Number Filing Date (88) Divisional to Application Number Filing Date	Address of Applicant :THE GRO, POOL ROAD, NEWTOWN, SY16
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(57) Abstract:

A circuit for an electrical load comprises a passive transformer, the secondary of which is connected to power cells for each phase according to the transformer tappings. Each power cell comprises a low cost but efficient power factor correction circuit to produce lower harmonics on the transformer.



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

(22) Date of filing of Application :18/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: OPEN-CENTER HYDRAULIC SYSTEM WITH MACHINE INFORMATION-BASED FLOW CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	E02F3/42 :13/840,090	(71)Name of Applicant: 1)DEERE & COMPANY Address of Applicant: ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A. (72)Name of Inventor: 1)MUELLER JASON L
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(57) Abstract:

A work vehicle is provided including at least one work tool and an open-center hydraulic circuit that supplies hydraulic fluid to operate the at least one work tool. The hydraulic circuit includes a variable displacement pump and a controller in electrical communication with the pump, the controller receiving an electrical input from the work vehicle to control the flow of hydraulic fluid from the pump.

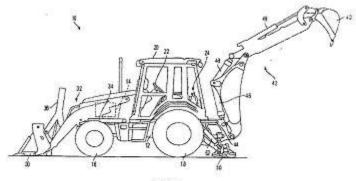


FIG. 1

No. of Pages: 27 No. of Claims: 23

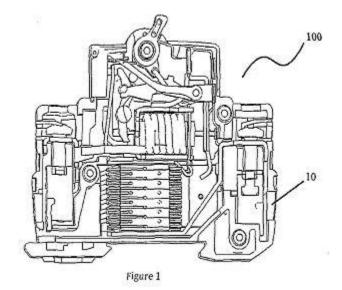
(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: MECHANISM FOR ARC TRAVELLING IN CIRCUIT BREAKER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23K 9/00, H01H 9/00 :NA
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(57) Abstract:

Disclosed is a mechanism for arc travelling in circuit breaker, The mechanism comprises housing having fixed contacts and moving contacts configured therein. Specifically, opening of the fixed contacts and the moving contacts causes an arc to / produce therebetween. Further, the mechanism comprises an arc runner positioned within the housing for rapidly directing the arc into arc chamber. Furthermore, the mechanism comprises a U frame and a hammer component forming welding group along with the fixed contact and the arc runner. Characterized in that, the arc runner, the U frame, the hammer and a portion of the fixed contact are plated with nickel. The nickel plating allows faster movement of the arc towards arc chamber.



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

(22) Date of filing of Application :27/03/2014

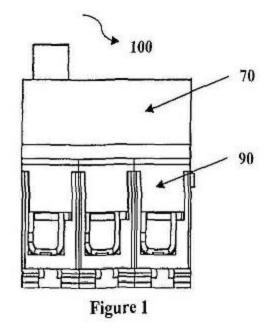
(43) Publication Date: 13/11/2015

(54) Title of the invention: ROTARY MECHANISM FOR SWITCHING DEVICE

(51) International classification(31) Priority Document No	H01H19/02, :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant:LARSEN & TOUBRO LIMITED L&T
(32) Priority Date		HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400 001,
(33) Name of priority country	:NA	INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PIYUSH HURKAT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a rotary mechanism for a switching device. The rotary mechanism is mounted on top of a contact system. The contact system includes a plurality of first rotors. The rotary mechanism comprises a plurality of couplers, a connector shaft, a second rotor and an arm with a spring. The top mounted rotary mechanism makes the switching device compact and independent of manual operations.



No. of Pages: 16 No. of Claims: 5

(22) Date of filing of Application :03/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : A process for preparation of (2S, 5R)-1,6-diaza-bicyclo [3.2.1]octane-2-carbonitrile-7-oxo-6-(sulfooxy)-mono sodium salt

(51) International classification	:A61K31/44, A01N43/42, C07D491/02, C07	(71)Name of Applicant: 1)WOCKHARDT LIMITED Address of Applicant: D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)Patil, Vijaykumar Jagdishwar
(33) Name of priority country	:NA	2)Tadiparthi, Ravikumar
(86) International Application No	:PCT//	3)Birajdar, Satish
Filing Date	:01/01/1900	4)Dond, Bharat
(87) International Publication No	: NA	5)Patel,Mahesh Vithalbhai
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Al-+		

⁽⁵⁷⁾ Abstract:

A process for preparation of compound of Formula (I) is disclosed.

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

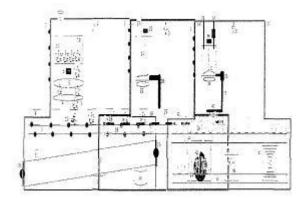
(22) Date of filing of Application :14/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FOOD PROCESSING MACHINE.

(51) International classification	:A21B, A21c	(71)Name of Applicant: 1)SHAH MONARCH J.
(31) Priority Document No	:NA	Address of Applicant :38, NILKANTH NAGAR, OPP. PAYAL
` '		
(32) Priority Date	:NA	COMPLEX, SARDAR GUNJ ROAD, ANAND-388 001, GUJARAT,
(33) Name of priority country	:NA	INDIA. Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHAH MONARCH J.
(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) Al-+		<u> </u>

(57) Abstract:

The present invention relates to a multipurpose food processing machine. More particularly it relates to processes various type of products such as dairy, bakery, beverage, snacks and like and process for preparation thereof. This equipment, is divided in such a manner that we have to feed ingredients according to required final products. In machine itself quantity is rectified, mixed, processed and it worked in specific manner under controlled parameters and it automatically makes the final product in packaged form and makes it ready to be sold in market. This machine is equipped with safety fuses, temperature indicator and controller and its compact and its design makes it looking attractive so in case of selling outside mall and restaurants, consumer will be attracted due to noise free operation and healthy. hygienic, nutrient rich and cost efficient products.



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

(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR DETERMINING A MULTI STAGE FACILITY LOCATION AND ALLOCATION

(51) International classification (31) Priority Document No (32) Priority Date	10/00, G06Q 30/00 :NA :NA	(71)Name of Applicant: 1)Tata Consultancy Services Limited Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)SAXENA, Avneet
(33) Name of priority country (86) International Application No	:NA :NA	2)POLU, Ashok Kumar Reddy
Filing Date	:NA	
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a method and system for determining a facility location to be setup in a region for catering customer locations. A population size, a crossover rate, and a mutation rate for the region along with geo-spatial co-ordinates of the customer locations are received. Further, initial seeds and offspring seeds are generated in the region based on the population size, and the crossover rate along with the mutation rate. Further, one or more solutions are generated for the region by applying a k-means algorithm and a simulated annealing algorithm on the initial seeds and the offspring seeds. Furthermore, the one more solutions are compared in order to obtain a preliminary optimal solution having a least distance from the customer locations. The preliminary optimal solution is optimized using MILP model in order to obtain a final multi objective optimal solution indicating the facility location with many strategic to operational decision scenarios.

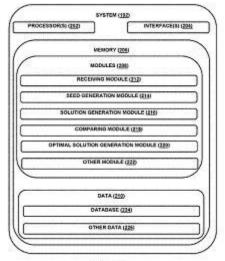


Figure 2

No. of Pages: 37 No. of Claims: 10

(22) Date of filing of Application :28/03/2014

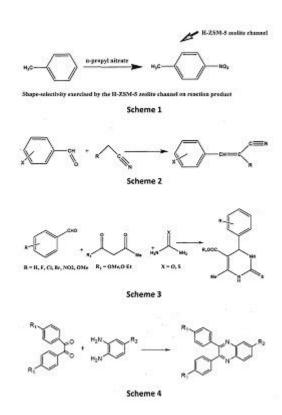
(43) Publication Date: 13/11/2015

(54) Title of the invention : METHOD OF PREPARING MICROPOROUS ALUMINOSILICATE ZSM-5 ZEOLITE FROM WHEAT HUSK ASH AND ALUMINIUM DROSS AND SOME APPLICATIONS OF THIS ZEOLITE AS HETEROGENEOUS CATALYST IN ORGANIC TRANSFORMATIONS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	9/00 :NA :NA	(71)Name of Applicant: 1)ISAK RAJJAK SHAIKH Address of Applicant:1-9-722, SHRINAGAR, NEAR RAFAIYA MASJID AND HANUMAN MANDIR, NANDED-431 605, (MAHARASHTRA STATE), REPUBLIC OF INDIA Maharashtra India (72)Name of Inventor:
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA :NA :NA	1)ISAK RAJJAK SHAIKH 2)RAFIQUE AHMED SHAIKH 3)RAFIK RAJJAK SHAIKH 4)ALAMGIR ABDULLA SHAIKH
Filing Date	:NA	

(57) Abstract:

There is provided the synthesis of ZSM-5, a crystalline microporous aluminosilicate material. The invention disclosed herein relates to a method of preparing zeolite ZSM-5 by utilizing wheat husk ash and aluminium dross for sourcing silica and alumina from these wastes respectively. The material is particularly useful for modifying it to (i) the H form of ZSM-5 (H-ZSM-5)having SiO2/Al2O3 ratio 40 to 60 and (ii) Cu-H-ZSM-5 with copper ranging from 5 to 10 wt%. Method for preparing these efficient and reusable catalysts and some processes for using this catalyst in selective mono nitration of toluene, the cyclocondensation of aryl and alkyl 1, 2-diamines with 1,2-diketones at room temperature, Knoevenagel condensation of aromatic aldehydes, malononitrile and or ethyl cyanoacetate, one-pot multi-component reactions such as the Biginelli reaction, Hantzsch reaction, etc are also disclosed here. In an example, Cu-H-ZSM-5 is found catalyzing multi-component reaction of isatin, L-proline and terminal alkynes containing an amide or ester functional group affording arapid synthesis of spirooxindole derivatives. The catalytic material prepared from agricultural waste stream and industrial waste is tested successfully in fine-chemical syntheses and methodologies.



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

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

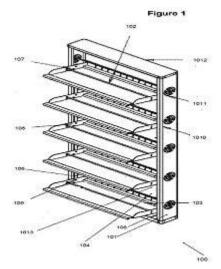
(43) Publication Date : 13/11/2015

(54) Title of the invention: A STORAGE UNIT DEVISED FOR ACCOMMODATING AT LEAST ONE ARTICLE

	:B65H1/00	(71)Name of Applicant :
(51) International classification	B65G	1)NITEO FURNITURES PVT LTD
	47/00	Address of Applicant :201, HIREN INDUSTRIAL ESTATE, 2ND
(31) Priority Document No	:NA	FLOOR, BEHIND JOHNSON & JOHNSON, MOGUL LANE, MAHIM
(32) Priority Date	:NA	- WEST, MUMBAI - 400016, MAHARASHTRA, INDIA Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRASHANT BAPU CHITARE
(87) International Publication No	: NA	2)ANAND YEMUL
(61) Patent of Addition to Application Number	:NA	3)NEERMAL CHHEDA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		•

(57) Abstract:

Accordingly it is a principle object of the present invention to overcome the disadvantages and limitations of prior art methods and systems and provide a method and system for storage constituted in accordance with the principles of the present invention which will be a storage unit devised for accommodating at least one article. The defined method and system may propose a storage solution that is universally useable, scalable and independent of new technology. It uses minimum infrastructure that is cheaply maintained. It provides a system and method for storing articles in very compact space and maintaining hygienic environment. The system is portable for accommodating different articles and can be deployed anywhere in very little time. It truly benefits everyone. Ref. Fig.: Fig. 1



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

(22) Date of filing of Application :20/02/2014

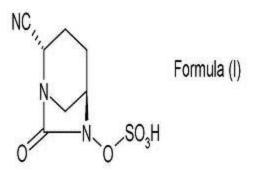
(43) Publication Date : 13/11/2015

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING ANTIBACTERIAL AGENTS

:A61K	(71)Name of Applicant :
(51) International classification 31/00,	1)WOCKHARDT LIMITED
a61k9/0	Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad
(31) Priority Document No :NA	Maharashtra India
(32) Priority Date :NA	(72)Name of Inventor:
(33) Name of priority country :NA	1)Bhagwat,Sachin
(86) International Application No :NA	2)Patel,Mahesh Vithalbhai
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:

Pharmaceutical compositions comprising antibacterial agents selected from cefepime, cefpirome or a pharmaceutically acceptable derivative thereof, and compound of Formula (I) or a stereoisomer or a pharmaceutical acceptable derivative thereof, are disclosed.



No. of Pages: 26 No. of Claims: 14

(22) Date of filing of Application :20/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: AN IMPROVED PROCESS FOR PREPARATION OF TRIGLYCIDYL ISOCYANURATE (TGIC).

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D405/14, C09D 167/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PIRAMAL ENTERPRISES LIMITED Address of Applicant:PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI - 400 013, STATE OF MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor: 1)PATIL, PRAVIN 2)BENDRE, SAMIR 3)JAGTAP, ASHUTOSH 4)ROY, MITA
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(57) Abstract:

The present invention relates to an improved process for the preparation of l,3,5-triazine-2,4,6(lH,3H,5H)-trione ("Triglycidylisocyanurate (TGIC) or the compound of formula I") comprising reacting cyanuric acid (the compound of formula III) with 3 to 7 molar equivalents of epichlorohydrin in an autoclave at a temperature of 80- $100 {\hat A}^{\circ} C$ for 1 hour to give the mixture of intermediates A, B and C and reacting intermediates A, B and C with an alkali to obtain the compound of formula I.

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

(22) Date of filing of Application :28/03/2014

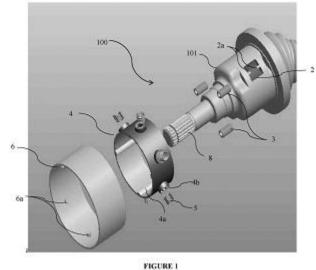
(43) Publication Date : 13/11/2015

(54) Title of the invention: A TORQUE SLIP MECHANISM FOR A TRANSAXLE ASSEMBLY

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) International Publication No (84) International Publication No (85) International Publication Number Filing Date (86) Divisional to Application Number Filing Date (87) International Publication Number Filing Date (88) International Publication Number Filing Date (89) International Classification Number Filing Date (80) International Classification Number Filing Date (81) International Classification Number Filing Date (81) International Classification Number Filing Date (82) International Classification Number Filing Date (83) International Classification Number Filing Date (84) International Classification Number Filing Date (85) International Classification Number Filing Date (86) International Classification Number Filing Date (87) International Classification Number Filing Date (87) International Classification Number Filing Date (88) International Classification Number Filing Date (89) International Classification Number Filing Date (80) International Classification Number Filing Date	148/30, (71)Name of Applicant: 1)TATA MOTORS LIMITED Address of Applicant: Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai – 400 001, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)MITHUN RAVINDRA CHASKAR 2)VINOD MANOHAR RAJPAL 3)RAHUL SANJAY HAGAWANE 4)PRAKASH PAGIRE 5)ATTAR AKBAR SHAIKHALAL
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(57) Abstract:

The present discloses a torque limiting mechanism (100) for limiting the torque transferred to a drive shaft (7) of a machine. The mechanism (100) comprises housing (101) comprising a plurality of slots (2) configured on outer circumference of the housing (101). The housing (101) is connectable to a drive shaft (7) and is configured to accommodate a transmission joint (1). The mechanism (100) also comprises a plurality of rollers (3) adapted to mount onto the plurality of slots (2). The first ring (4) comprises a plurality of protrusions (4a) and a plurality of first provisions (4b). Further, a plurality of resilient members (5) is provided in-between the first ring (4) and the second ring (6) to apply pressure on the first ring (4) to facilitate positive contact of the plurality of rollers (3) with the transmission joint (1) for transferring torque, when the torque is within predetermined limit.



No. of Pages : 22 No. of Claims : 11

(22) Date of filing of Application :28/03/2014

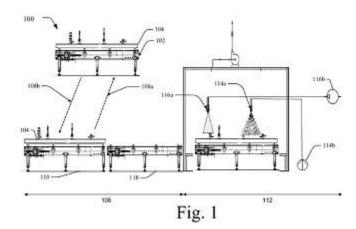
(43) Publication Date: 13/11/2015

(54) Title of the invention: ONLINE CLEANING OF COMPONENTS

	:C02F9/14,	(71)Name of Applicant :
(51) International classification	C02F3/28,	1)VOLKSWAGEN INDIA PRIVATE LIMITED
	B01D65/02	Address of Applicant :E1, MIDC Industrial Area (Phase III) Chakan,
(31) Priority Document No	:NA	Pune- 410501 Maharashtra Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SHUKLA, Binod Kumar
(86) International Application No	:NA	2)SHARMA, Angsuman
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 system (100) of cleaning components utilized in painting process. The system (100) includes a paint job line (102) having a paint line conveyor (204) onto which an article (202) supported on a component (104) is conveyed through a paint booth (200). The system (100) further includes a cleaning booth (112) proximally disposed to the paint booth (200) and connected to the paint job line (102) with a cleaning line conveyor (108a, 108b). In an example, the cleaning line conveyor (108a, 108b) receives the component (104) from the paint line conveyor (204) for cleaning in the cleaning booth (112).



No. of Pages: 17 No. of Claims: 11

(22) Date of filing of Application :29/03/2014

(43) Publication Date: 13/11/2015

$(54) \ Title \ of the invention: A \ SWITCHGEAR \ ARRANGEMENT \ WITH \ REDUCED \ REPULSION \ THRESHOLD \ AND \ IMPROVED \ ARC \ QUENCHING$

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01H33/00, H01H33/66 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India (72)Name of Inventor: 1)CHATURVEDI, Amit 2)P, Kasiviswanadham 3)TOMAR, Brajesh, Singh
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(57) Abstract:

The present invention provides an arrangement which reduced the repulsion threshold and improved arc quenching in switchgear threshold. The present invention provides an arrangement which arranges the ferromagnetic material, ablative material, and arc shield at an intended closeness with the moving contact and arc with the help of single component. This arrangement provides better performance with comparatively less cost addition.

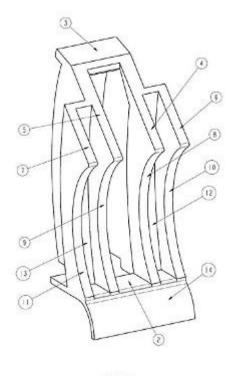


FIGURE 1

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

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

(43) Publication Date: 13/11/2015

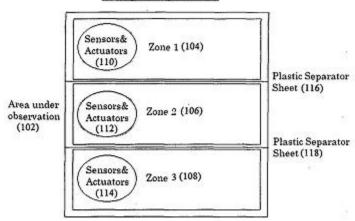
(54) Title of the invention : INTELLIGENT SERICULTURE SYSTEM USING ZONE-BASED OPTIMAL CASCADE CONTROL OF COMBINED BIOTIC AND ABIOTIC DATA

(51) International classification	:G05D27/02,G05B19/418	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMRUTA KULKARNI
(32) Priority Date	:NA	Address of Applicant :11, SARJAI, GURURAJ HOUSING
(33) Name of priority country	:NA	SOCIETY, PAUD ROAD, KOTHRUD, PUNE - 411038 Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	2)GARGI BHANDARI
(87) International Publication No	: NA	3)NEHA RASTE
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AMRUTA KULKARNI
(62) Divisional to Application Number	:NA	2)GARGI BHANDARI
Filing Date	:NA	3)NEHA RASTE

(57) Abstract:

The title relates to the field of Intelligent Sericulture System and more specifically to the improved yield using zone based cascade control at different stages of the sericulture rearing unit. Said Intelligent Sericulture System, as depicted in the schematic of Fig. 1, comprises at a high level, a zoning mechanism of the said Sericulture Rearing Unit, a Data Acquisition Sub-system corresponding to the predetermined zones for said Sericulture Rearing Unit, a Master Control Unit that uses input from the Set-Point Module and redirects the data to identified Slave Control Unit based on biotic and abiotic data inputs obtained from the Data Acquisition Sub-system and calculates corresponding corrective steps. Said Intelligent Sericulture System further may comprise a Historical Data Repository, a Display unit and an Actuator/Micro-controller Sub-system, one or all of which are functionally connected to the Master Control Unit.

Fig 1: Zoning diagram 100



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

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: "VIRTUAL SEARCH FOR AVAILABILITY OF MEDICINE IN LOCAL PHARMACY"

(51) Intermediate Interesting	:A61K	(71)Name of Applicant :
(51) International classification	36/90	1)JATIN KIDUYAR
(31) Priority Document No	:NA	Address of Applicant :2, ATIT SHOPPING ENTERPRISES, J. P.
(32) Priority Date	:NA	ROAD, NEAR APNA BAZAAR, ANDHERI (W), MUMBAI - 400053,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JATIN KIDUYAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date	:NA	

(57) Abstract:

The invention disclosed herein is a virtual search for availability of medicine in pharmacies nearby a current location, and more particularly to systems and methods for determining pharmacy locations having requisite availability of medicine based upon a current location.

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

(22) Date of filing of Application :28/03/2014

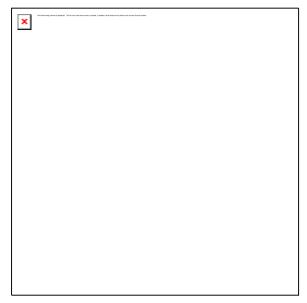
(43) Publication Date: 13/11/2015

(54) Title of the invention: RESIDUAL CURRENT CIRCUIT BREAKER TESTING MECHANISM

(51) International classification	:H01H83/04, H01H83/14	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :Larsen & Toubro Limited, Ahmednagar
(32) Priority Date	:NA	Switchgear Works, Plot No. A9, MIDC Ahmednagar- 414111,
(33) Name of priority country	:NA	Maharashtra, India. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GANGURDE, Vijay Kevalrao
(87) International Publication No	: NA	2)CHAUDHARI, Sanjay Hari
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		1

(57) Abstract:

The present disclosure relates to test circuit in residual current circuit breaker (RCCB). The disclosure provides RCCBs incorporating test circuits, which helps user to check the health of RCCB irrespective of configuration of use such as phase-to-phase application or phase to neutral application. More particularly, the disclosure provides for selector mechanism in RCCB, which gives user freedom to use RCCB in many of the possible configurations without compromising mandatory safety requirement.



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

(22) Date of filing of Application :03/02/2014

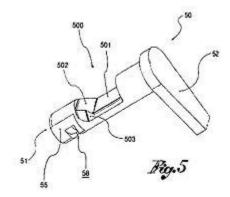
(43) Publication Date: 13/11/2015

(54) Title of the invention: FIREARM COMPRISING A SLIDE-STOCK LOCKING BOLT

	:F41A21/00,	(71)Name of Applicant:
(51) International classification	F41A17/42,	1)FABBRICA D'ARMI PIETRO BERETTA S.P.A.
	F41A11/00	Address of Applicant :VIA P. BERETTA, 18, I-25063 GARDONE
(31) Priority Document No	:BS2013A000040	VAL TROMPIA, BRESCIA, ITALY. Italy
(32) Priority Date	:27/03/2013	(72)Name of Inventor:
(33) Name of priority country	:Italy	1)GENTILINI CLAUDIO
(86) International Application No	:NA	2)PRANDINI GIOVANNI
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 firearm (1) comprising a stock (2) and a slide (3) and a bolt (50) suitable to reciprocally lock them. Firearm wherein the slide (3) comprises a barrel (31), a spring and a spring-holder (35) suitable to act on the bolt (50). The bolt (50) comprises a spring-holder seat (500) which acts in conjunction with an engagement end (350) of the spring-holder (35). The spring-holder seat (500) comprises a support surface (501), a translation surface (502) which permits the translation of the bolt (50) acting in conjunction with said engagement end (350).



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

(22) Date of filing of Application :07/02/2014

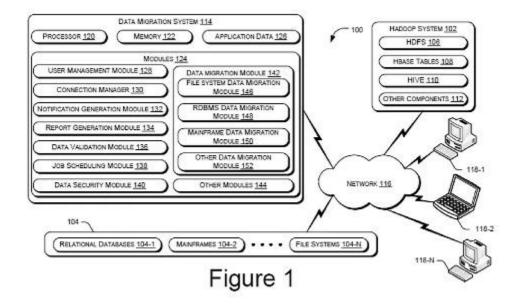
(43) Publication Date : 13/11/2015

(54) Title of the invention: MIGRATING DATA TO AND FROM HADOOP SYSTEMS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (NA	, (71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant: Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 Maharashtra India (72)Name of Inventor: 1)K.S., Ramesh Babu 2)K K, Deepak
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(57) Abstract:

In one example, a data migration system for migrating data to and from a Hadoop system comprises a connection manager to receive a request, from at least one user, for generating a connector wherein the connector, when executed, establishes a connection with at least one of the Hadoop system and one or more of the data repositories and generate the connector based on the request. The data migration system further comprises a data migration module to establish connection with the Hadoop system and the one or more of the data repositories using the generated connector and migrate the data to the Hadoop system. The data migration system includes a data validation module to generate a data validation file, indicative of validation parameters of the data to be migrated and validate the migrated data, based on the data validation file, after the migration of data to the Hadoop system is complete.



No. of Pages: 34 No. of Claims: 18

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

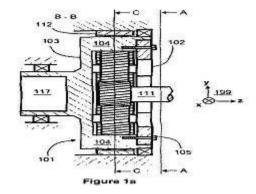
(43) Publication Date: 13/11/2015

(54) Title of the invention: A PLANET WHEEL CARRIER FOR A PLANETARY GEAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F16H57/023 :13156305.8 :22/02/2013 :EPO :NA :NA : NA :NA	(71)Name of Applicant: 1)MOVENTAS GEARS OY Address of Applicant: VESANGANTIE 1, P.O. BOX 158, FI - 40101 JYVASKYLA, FINLAND Finland (72)Name of Inventor: 1)TOIKKANEN, JARI 2)TIRKKONEN, JORMA
		2)TIRRIONEN, JORINA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A planet wheel carrier comprises first and second end-sections (102, 103). for supporting shafts of planet wheels (113-114) of a planetary gear. The planet wheel carrier comprises a support structure (104) connected to the first and second end-sections and located between the first and second end-sections in the axial direction of the planet wheels and between the planet wheels in the circumferential direction of the planet wheel carrier. The first end-section is attached to the support structure so that at least part of the first end-section is non-destructively detachable from the support structure. The fact that at least part of the first end-section can be detached from the support structure facilitates the maintenance of the planetary gear because, after removing the first end-section or its detachable part, the planet wheels can be removed and installed substantially easier than in cases where there is a traditional one-piece planet wheel carrier.



No. of Pages: 17 No. of Claims: 10

(22) Date of filing of Application :29/03/2014

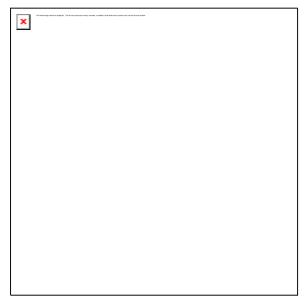
(43) Publication Date: 13/11/2015

(54) Title of the invention: BREATH ACTUATED INHALER DEVICE

(51) International classification	:A61M15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Cipla Europe NV
(32) Priority Date	:NA	Address of Applicant :Uitbreidingsstraat 84, 2600 Antwerpen
(33) Name of priority country	:NA	(Berchem), Belgium. Belgium
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PIETERS, Frank
(87) International Publication No	: NA	2)RAO, Xerxes
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A device (20) is disclosed for dispensing a fluid supplied from an external fluid source. The device comprises a transducer (32) adapted to receive a fluid from the fluid source, and a collapsible linkage and trip link (502) coupling the transducer and the fluid source. The linkage has a collapsible joint inhibiting discharge of the fluid source when in a locked orientation. The device (20) further comprises a moveable member coupled to the linkage such that inhalation forces on the device cause the linkage to collapse thereby discharging the fluid from the fluid source. The device may further include a dose counter coupled to the fluid source for registering the amount of doses administered from the fluid source.



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

(22) Date of filing of Application :07/02/2014

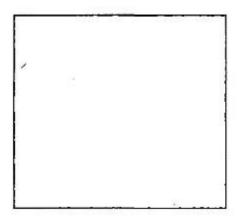
(43) Publication Date: 13/11/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF IONIC LIQUID CRYSTAL GLYCINE OCTYL ESTER TRIFLUOROMETHANESULFONATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	B01D53/14, A61K31/4172, C :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)DR. M. M. V. RAMANA Address of Applicant:DR. M. M. V. RAMANA DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ (EAST), MUMBAI-400098, INDIA. Maharashtra India (72)Name of Inventor: 1)DR. M. M. V. RAMANA 2)NIKAM SHUBHANGI NITIN
(62) Divisional to Application Number Filing Date	:NA :NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to the preparation of glycine octyl ester trifluoromethanesulfonate and its characterization as ionic liquid crystal



(Fig. 1) The optical texture of glycine octyl ester trifluoromethanesulfonate by POM at 114°C during heating

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

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYSTEM FOR RETRIEVAL, STORAGE AND EXCHANGE OF HEALTH RELATED DATA

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TUSHAR SAMPAT
(32) Priority Date	:NA	Address of Applicant :BIO-AFFINITY APARTMENT, LANE D,
(33) Name of priority country	:NA	NORTH MAIN ROAD, KOREGAON PARK, PUNE - 411001,
(86) International Application No	:NA	MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)TUSHAR SAMPAT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed are a system (100) and a method (200) for retrieval, storage and exchange of health related data. The system (100) comprises of a framework (90), a master connector module (70), a plurality of child connector modules (50), a database (30) and an interface (10). The users such as patients and healthcare service providers accessing the system (100) using login credentials & / or a smart card are authenticated to allow them to input their request for accessing the health related data of the patient. The system (100) based on the userâ \mathcal{E}^{TM} s request retrieves the health related data of the patient from disparate sources on an access control level in a uniform healthcare standard format for storage and distribution to the authenticated users thereby providing a secure 360 degree view on the patientâ \mathcal{E}^{TM} s health related data at anytime and anywhere. Figure 1a

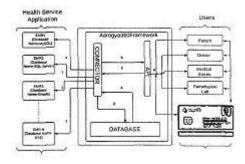


Figure 1

No. of Pages: 44 No. of Claims: 9

(21) Application No.573/MUM/2014 A

(19) INDIA

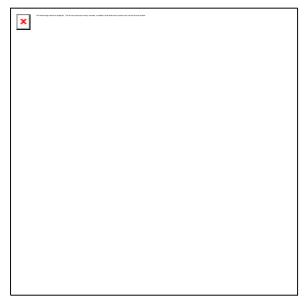
(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AN IMPROVED ZIPPER POUCH AND AN APPARATUS FOR MAKING THE SAME

(51) International classification	:B65D33/25,	(71)Name of Applicant:
(31) international classification	B29C37/00	1)DIPAK B. VYAS
(31) Priority Document No	:NA	Address of Applicant :413/1, SECTOR 4B, GANDHINAGAR
(32) Priority Date	:NA	(GUJRAT), INDIA Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)DIPAK B. VYAS
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 4 4		

(57) Abstract:

A zipper pouch made of a thin film. The zipper pouch includes a pouch body having a front layer and a back layer of the thin film such that the front layer and the back layer are joined to each other from at least three edges making the pouch and a zipper disposed on the pouch body, such that the zipper extends partially along a fourth edge of the pouch such that a portion of the fourth edge not containing zipper is joined by heat treatment. A method of manufacturing a zipper pouch is also disclosed. An apparatus for manufacturing the zipper pouch is provided



No. of Pages: 26 No. of Claims: 10

(22) Date of filing of Application :24/02/2014

(43) Publication Date: 13/11/2015

$(54) \ Title \ of the invention: AN \ IMPROVED \ METHOD \ FOR \ CLARIFICATION \ AND \ DECOLOURISATION \ OF \ SUGARCANE \ SYRUP \ IN \ SUGAR \ PRODUCTION$

(51) International classification	:C13B20/16	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SHRIDHAR MADHAVRAO PULATE
(32) Priority Date	:NA	Address of Applicant :ROHAN NILAY, PHASE - I,H-502 B/H
(33) Name of priority country	:NA	SPICER SCHOOL, AUNDH, PUNE 411007 (INDIA). Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHRIDHAR MADHAVRAO PULATE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an improved process for Clarification and decolourisation of sugarcane syrup before crystallization using powdered activated carbon followed by pressure filtration without using any type of chemicals. Colour is the most important commercial sugar attribute but in syrup clarification its removal is usually not considered among primary objectives. With increasing energy cost and pressing environmental issues related to refined sugar production.

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

(22) Date of filing of Application :27/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: MECHANISM CONSTRUCTION FOR MODULAR DEVICE

RO LIMITED
:LARSEN & TOUBRO LIMITED L&T
ГАТЕ, P.O. BOX: 278, MUMBAI 400 001,
1
OSH
OUDHARI
UR
[

(57) Abstract:

Disclosed is an operating mechanism for a modular device (100) such as a modular changeover switch. The operating mechanism comprises a knob (60), a bridge assembly (70) and a bridge pin (80). The knob (60) includes a cam profile (58) for guiding a bridge (62) of the bridge assembly (70) that is then locked in a particular position by at least two stopper members (64). The operating mechanism is compact and uses reduced number of components for quickly achieving any of OFF, ON-I and ON-II positions of the modular device (100).

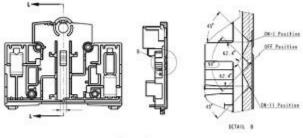


Figure 3b

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

(22) Date of filing of Application :29/03/2014

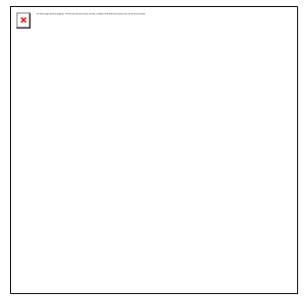
(43) Publication Date: 13/11/2015

(54) Title of the invention: LIQUID PHARMACEUTICAL COMPOSITION OF CONJUGATED ERYTHROPOIETIN

(51) International classification		(71)Name of Applicant:
(-,	38/18	1)Intas Pharmaceuticals Ltd.
(31) Priority Document No	:NA	Address of Applicant :Intas Pharmaceuticals Ltd. 2nd Floor,
(32) Priority Date	:NA	Chinubhai Centre, Ashram Road, Ahmedabad – 380009 Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Chandresh Chhatbar
Filing Date	:NA	2)Vijaykant Pandey
(87) International Publication No	: NA	3)Nildip Chauhan
(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 liquid pharmaceutical composition comprising a conjugated erythropoietin, buffer, sugar, tonicity modifier and amino acid as an aggregation inhibitor. More preferably the present invention provides a stable pharmaceutical composition which encompasses conjugated erythropoietin comprising acetate buffer, sucrose, arginine and sodium chloride and maintained at a pH of about 4.9 to 5.3.



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

(22) Date of filing of Application :29/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: LYOPHILIZED PHARMACEUTICAL COMPOSITION OF FC-PEPTIDE FUSION PROTEIN

(51) International classification		(71)Name of Applicant :
(51) International elassification	19/00	1)Intas Pharmaceuticals Ltd.
(31) Priority Document No	:NA	Address of Applicant :Intas Pharmaceuticals Ltd. 2nd Floor,
(32) Priority Date	:NA	Chinubhai Centre, Ashram Road, Ahmedabad – 380009 Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)Himanshu Gadgil
Filing Date	:NA	2)Chandresh Chhatbar
(87) International Publication No	: NA	3)Vijaykant Pandey
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

The present invention relates to novel and thermostable lyophilized pharmaceutical composition of Romiplostim (Fc-peptide fusion protein) along with buffer, bulking agent, stabilizer, and surfactant at pH range of 4.0-6.0.



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

(22) Date of filing of Application :05/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: STOVE ASSEMBLY WITH L-SHAPED COMBUSTION CHAMBER IN AN ENCLOSING BODY

(51) International classification (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (88) International Publication Number Filing Date (89) Divisional to Application Number Filing Date (80) Divisional to Application Number Filing Date (81) International Classification Filing Date (81) International classification Filing Date (82) Divisional to Application Number Filing Date (83) Name of priority Country Filing Date (84) International Classification Filing Date (85) International Classification Filing Date (86) International Classification Filing Date (87) International Classification Filing Date (87) International Classification Filing Date (88) International Classification Filing Date (89) International Classification Filing Date (80) International Classification Filing Date (81) International Classification Filing Date (82) International Classification Filing Date (83) Name of priority Country Filing Date (84) International Classification Filing Date (85) International Classification Filing Date	(71)Name of Applicant: 1)MATHUR, Ankit Address of Applicant:301, CHAWLA COMPLEX, SECTOR 15, CBD-BELAPUR, NAVI MUMBAI - 400614, MAHARASHTRA INDIA. Maharashtra India 2)KAZI, Mohammed Shoeb (72)Name of Inventor: 1)MATHUR, Ankit 2)KAZI, Mohammed Shoeb
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(57) Abstract:

A stove assembly comprising a) an L-shaped combustion chamber comprising a vertical portion for burning fuel and a horizontal portion with an opening for entry of fuel and air, b) a hollow enclosing body which encloses the L-shaped combustion chamber, said enclosing body comprising, i) a tapered portion, and ii) a cut out portion towards the bottom of the enclosing body, said cut out portion designed to enable the enclosing body to fit on to the horizontal portion of the combustion chamber such that leakage of air is restricted at the intersection of the enclosing body and horizontal portion of the combustion chamber. The stove assembly can be further installed within a variety of containments (e.g., outside body, traditional stoves, frames / stands and the like). Methods for assembling and using the stove assembly are also disclosed.

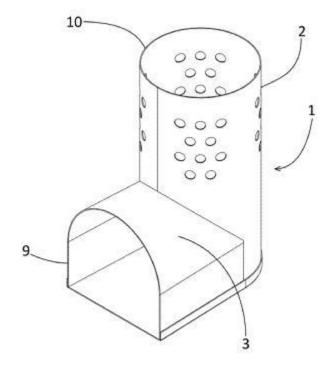


FIG. 1

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

(22) Date of filing of Application :21/03/2014

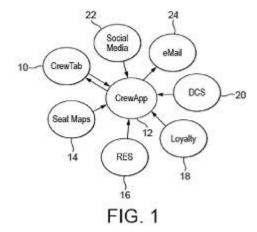
(43) Publication Date: 13/11/2015

(54) Title of the invention: IN-FLIGHT COMPUTING DEVICE FOR AIRCRAFT CABIN CREW

(51) International classification	:B64D25/06,	(71)Name of Applicant :
(31) International classification	B64D45/00	1)SITA INFORMATION NETWORKING COMPUTING
(31) Priority Document No	:13/850082	IRELAND LIMITED
(32) Priority Date	:25/03/2013	Address of Applicant :Building 1, Letterkenny Office Park,
(33) Name of priority country	:U.S.A.	Windyhall Letterkenny, County Donegal, Republic of Ireland Ireland
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)O'SULLIVAN, Kevin Dennis
(87) International Publication No	: NA	2)SHEDDEN, Rowan George McDonald
(61) Patent of Addition to Application Number	:NA	3)CHEIKH, Stephane
Filing Date	:NA	· -
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for use by cabin crew on board an aircraft, comprising a server including a database, the server being at a location remote from the aircraft. The server selectively communicates with a plurality of systems external to the system to retrieve information related to a journey to be made by the aircraft. The server runs an application for communicating with the external systems to send and receive data to and from the server. A portable computing device such as a tablet computer on board the aircraft has a database for receipt and storage of flight related information received from the server, the flight related information including seating information and other passenger related information. The portable device runs an application for real-time communication with the server during a flight or after the flight, for exchange with the server of at least one of seating and passenger related information.



No. of Pages: 39 No. of Claims: 46

(43) Publication Date: 13/11/2015

(19) INDIA

(22) Date of filing of Application :20/03/2014

(54) Title of the invention: ENCODING AND DECODING OF RNA DATA

(51) International classification	:H04N7/46, H04N7/26	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point,
(32) Priority Date	:NA	Mumbai, Maharashtra 400021 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MANDE, Sharmila S.
Filing Date	:NA	2)BOSE, Tungadri
(87) International Publication No	: NA	3)DUTTA, Anirban
(61) Patent of Addition to Application Number	:NA	4)HAQUE, Mohammed Monzoorul
Filing Date	:NA	5)GANDHI, Hemang
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) 11		I .

(57) Abstract:

ENCODING AND DECODING OF RNA DATA Encoding of RNA data comprising a nucleotide sequence string (165) and a structure string (170) for an RNA molecule, and decoding the encoded data are described. In an example, in the structure string (170), one or more contiguous structure stretches (210) of each of a plurality of character types may be identified. Each contiguous structure stretch (210) may include one or more structural characters of same character type. Further, for each of the one or more contiguous structure stretches (210), a start position and an end position of a contiguous structure stretch (210) may be determined to identify a corresponding nucleotide stretch (208) in the nucleotide sequence string (165). For each of the one or more contiguous structure stretches (210), the structural character of a character type indicated by a contiguous structure stretch (210) may be appended to the corresponding contiguous nucleotide stretch (208) to obtain an encoded string (212).

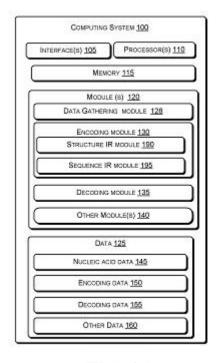


Fig. 1a

No. of Pages: 54 No. of Claims: 16

(22) Date of filing of Application :20/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CONTROL PLANE OPTIMIZATION OF COMMUNICATION NETWORKS

(51) International classification	:H04M3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point,
(33) Name of priority country	:NA	Mumbai, Maharashtra 400021, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RATH, Hemant Kumar
(87) International Publication No	: NA	2)REVOORI, Vishvesh
(61) Patent of Addition to Application Number	:NA	3)NADAF, Shameemraj Mohinuddin
Filing Date	:NA	4)SIMHA, Anantha
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Optimization of control plane in a software defined network includes obtaining peer information of at least one neighbouring network controller (110) by a network controller (110) and determining a traffic profile variation. The method further includes computing of a self payoff value indicative of one of optimum utilization, underutilization and overutilization of the network controller (110). The method further includes initiating a non-zero sum game based network control plane optimization operation based on the self payoff value and the traffic profile of the neighbouring network controllers, and may include one of activating additional network controller(s) (110), transferring control of one or more network devices (106) managed by the network controller (110), deactivating the network controller (110), and transferring control of one or more additional network devices (106) managed by the neighbouring network controller(s) to the greedy network controller (110).

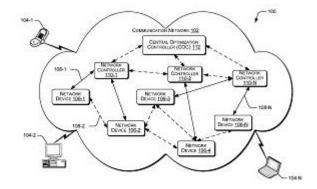


Figure 1

No. of Pages: 46 No. of Claims: 15

(43) Publication Date: 13/11/2015

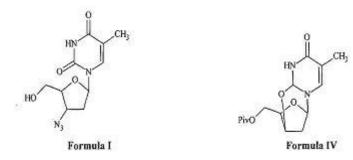
(22) Date of filing of Application :21/03/2014

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

		(71)Name of Applicant:
(51) International classification	19/073	Tr ,
(31) Priority Document No	:NA	SHIVAJI UDYOG NAGAR, DOMBIVLI (EAST) 421 203 DIST:
(32) Priority Date	:NA	THANE MAHARASHTRA, INDIA. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)GUND, VITTHAL GENBHAU
Filing Date	:NA	2)KAVITKAR, VINAYAK MAHADEV
(87) International Publication No	: NA	3)PARAB, SAGAR DATTATRAY
(61) Patent of Addition to Application Number	:NA	4)BORASE, BHATU MADHUKAR
Filing Date	:NA	5)KULKARNI, PRASAD RAMAKANT
(62) Divisional to Application Number	:NA	6)THUBE, SANDIP ARUN
Filing Date	:NA	7)AWARI, MANGESH GORAKHANATH
•		8)GOSAVI, MINAKSHI HEMANT
		9)THUBE, PRAVIN GANGADHAR

(57) Abstract:

The present invention relates to an improved and industrially viable process for preparation of highly pure Zidovudine of Formula I, which comprises the reaction of 5"-0-pivaloyl-2,3;-anhydrothymidine of Formula IV with sodium azide in presence of ammonium chloride in an aprotic solvent followed by reaction with aqueous alkali metal hydroxide in methanol. Further, the invention of present invention also relates to an improved process for preparation of 5"-0-pivaloyl-2,3"-anhydrothymidine of Formula IV, which comprises the reaction of p-thymidine with pivaloyl chloride in pyridine to give 5"-0-pivaloylthymidine, which on reaction with mesyl chloride gives 5"-0-pivaloyl-3"-0-mesylthymidine, which on subsequent reaction with alkali metal hydroxide in C3-C8 aliphatic alcohol gives 5"-0-pivaloyl-2,3"-anhydrothymidine of Formula IV.



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

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

(43) Publication Date: 13/11/2015

(54) Title of the invention : AN IMPROVED DOUBLE-BREAK LOW VOLTAGE CIRCUIT BREAKER CONSTRUCTION FOR HIGH CURRENT BREAKING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H01H71/24, H01H73/02 :NA :NA :NA :NA :NA :NA : NA :NA :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: L & T House, Ballard Estate, P.O. Box 278, Mumbai 400 001, State of Maharashtra, India Maharashtra India (72)Name of Inventor: 1)PUTHIYARAMBATH,Neena, Kizhakke 2)BHANUSHALI, Nikunj 3)DASH, Debasmita
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An improved double-break low voltage circuit breaker construction for high current breaking is disclosed. The circuit breaker constitutes the electrical contacts 6 that provide a path to carry the electrical current in the network and other components that ensures the efficient current breaking during the fault conditions. A moulded case circuit breakers (MCCB) disclosed comprises of at least one pole assembly (1); at least one release assembly (2); at least one mechanism assembly (3); a termination (4); and at least one external periphery (5).

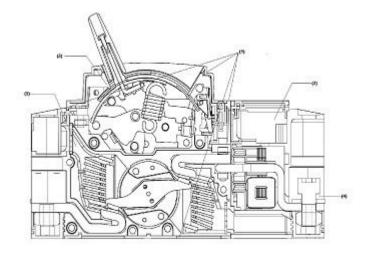


Figure 1

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

(22) Date of filing of Application :03/02/2014

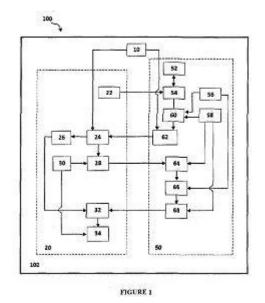
(43) Publication Date: 13/11/2015

(54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR LIGHTWEIGHT AUTHENTICATION ON DATAGRAM TRANSPORT FOR INTERNET OF THINGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	H04L9/32 :NA	(71)Name of Applicant: 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant:NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI - 400021, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)BHATTACHARYA, ABHIJAN
(87) International Publication No	: NA	2)BANDYOPADHYAY, SOMA
(61) Patent of Addition to Application Number	:NA	3)UKIL, ARIJIT
Filing Date	:NA	4)PAL, ARPAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A computer implemented system and method for lightweight authentication on datagram transport for internet of things provides a robust authentication scheme based on challenge-response type of exchanges between two endpoints sharing a pre-shared secret. A symmetric key-based security mechanism is utilized in the present disclosure where key management is integrated with authentication. It provides mutual authentication wherein the end-points in the system are provisioned with a pre-shared secret during a provisioning phase and a client database is provided at the server side for client identification. The system comprises random number generators for generation of nonces, and key generators to generate secret key and session key. The nonces and keys are valid only during the session and thus help in providing secure authentication across sessions. The system can be further adapted on transport layer security protocols like DTLS and can be integrated with application layer protocols like CoAP for constrained devices.



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

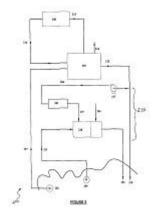
(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PROCESS FOR TREATMENT OF FLUE GAS

(51) International classification	:F23J15/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA CONSULTING ENGINEERS LIMITED
(32) Priority Date	:NA	Address of Applicant :OF MATULYA CENTRE, A-249, SENAPATI
(33) Name of priority country	:NA	BAPAT MARG, LOWER PAREL (WEST), MUMBAI 400013,
(86) International Application No	:NA	MAHARASHTRA, INDIA; INDIAN Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MR. ANJAN BHATTACHAR OF TATA CONSULTING
(61) Patent of Addition to Application Number	:NA	ENGINEERS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a process for treating flue gas comprising an environmental contaminant by using sea water by absorption in sea water which is then treated so that sea water may be returned to the recipient without damage to the aquatic environment. In particular, at least a part of withdrawn sea water is recirculated to eliminating the need to withdrawn surplus amounts of sea water. More particularly, this invention relates to SO2 removal in a power plant using sea water for condenser cooling in open re-circulating type cooling system involving cooling towers.



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

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 13/11/2015

$(54) \ Title \ of \ the \ invention: A \ PREMIX \ OF \ CRYSTALLINE \ RALTEGRAVIR \ POTASSIUM \ SALT \ AND \ PROCESS \ FOR \ PREPARATION \ THEREOF$

(51) International classification	:C07D413/12	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Mylan Laboratories Ltd.
(32) Priority Date	:NA	Address of Applicant :Unit-11, 1A/2, M.I.D.C. Industrial Estate,
(33) Name of priority country	:NA	Taloja, Panvel, Dist. Raigad, Maharashtra-410208, India Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DANDALA, Ramesh
(61) Patent of Addition to Application Number	:NA	2)VELLANKI, SivaRama Prasad
Filing Date	:NA	3)BALUSU, Raja Babu
(62) Divisional to Application Number	:NA	4)PUTTA, Subbarayudu
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present disclosure provides a process for the preparation a premix of raltegravir potassium form 3 with excipients. This premix may be used in the manufacture of pharmaceutical formulations containing raltegravir.

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

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: EXFOLIATION OF LAYERED MATERIALS IN OIL SOLUBLE IONIC LIQUIDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07K 5/117 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)INDIAN OIL CORPORATION LIMITED Address of Applicant: G-9, ALI YAVAR JUNG ROAD, BANDRA (EAST), MUMBAI-400 051, INDIA Maharashtra India (72)Name of Inventor: 1)OTA, JYOTIRANJAN 2)HAIT, SAMIK KUMAR 3)SASTRY, MADHIRA INDU SEKHARA 4)RAMAKUMAR, SANKARA SRI VENKATA 5)BASU, BISWAJIT
Filing Date	:NA :NA	

(57) Abstract:

The present invention discloses exfoliation of layered materials in ionic liquids and use thereof. The invention describes the ionic liquids consisting of phosphorous based cations and anions, the same being soluble in hydrocarbon oil.

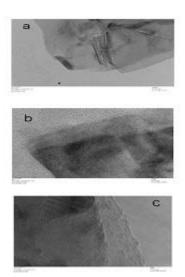


Figure 1

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

(21) Application No.1028/MUM/2014 A

(19) INDIA

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

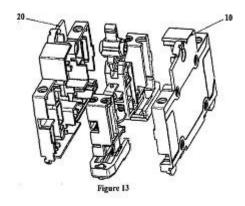
(43) Publication Date: 13/11/2015

(54) Title of the invention: "SWITCHGEAR DEVICE"

(51) International classification	:H02B (71)Name of Applicant : 1/56,
(31) Priority Document No	:NA INDIA Maharashtra India
(32) Priority Date	:NA (72)Name of Inventor:
(33) Name of priority country	:NA 1)POTHANA SANTOSH
(86) International Application No	:NA 2)SADANAND G. CHOUDHARI
Filing Date	:NA 3)PRAMOD L. FEGADE
(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) Abatmat	

(57) Abstract:

The present invention provides a switchgear device. The switchgear device includes at least two housings that when placed over one another forms a single pole switchgear device thereby eliminating need of a separate cover to form the single pole switchgear device. The housing is made such that, assembly is done on any of the housing.



No. of Pages: 17 No. of Claims: 2

(22) Date of filing of Application :03/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: HYDROCARBON REFRIGERANT BLEND FOR IMPROVEMENT IN COP

(51) International classification	:C09K5/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)G.H.RAISONI COLLEGE OF ENGINEERING
(32) Priority Date	:NA	Address of Applicant :CRPF Gate No. 3,Digdoh Hills,Hingna
(33) Name of priority country	:NA	Road, Nagpur Maharashtra-440016 Maharashtra India
(86) International Application No	:NA	2)G.H.R. Labs and Research Centre
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Roshan R Yawalkar
(61) Patent of Addition to Application Number	:NA	2)Prof. Uday S Wankhede
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

According to Montreal and Kyoto protocol, the conventional refrigerants are to be phased out which include CFCs, HCFCs and HFCs. Both CFCs and HCFCs have quite high values of ozone depletion potential (ODP) and global warming potential (GWP). Still they are being used in some part of the world though their quantity is very less. HFCs have zero ODP but a quite high GWP. Many researchers have shown that hydrocarbon refrigerants blends can be used in the existing HFC system without any system modifications especially compressor. Hydrocarbons (HCs) are found out to be one of the best alternatives to the existing refrigerants. One problem associated with the use of HCs is its flammability, as the amount of refrigerant required is very less, hence this problem can be eliminated to a great extent. HCs have zero ODP and very low GWP of the order of 3 as compared to 1300 of R-134a. Hence hydrocarbon refrigerants may prove a good replacement to existing refrigerants. Following invention is described in detail with the help of Figure 1 of sheet 1 shows the schematic experimental setup or test facility of the preferred embodiment.

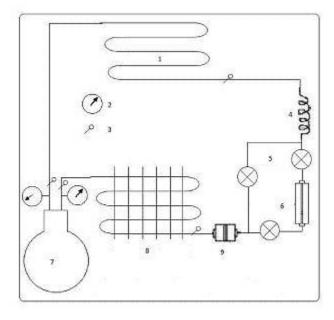


Figure 1

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

(21) Application No.523/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: NOVEL HOMOGENEOUS NICKEL(II) CATALYST

:C07C67/00 (51) International classification C07C5/25, B01J31/18	, (71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY Address of Applicant: POWAI, MUMBAI-400 076,
(31) Priority Document No :NA	MANARASHTRA, INDIA Maharashtra India
(32) Priority Date :NA	(72)Name of Inventor:
(33) Name of priority country :NA	1)KUMAR ANIL
(86) International Application No :NA	
Filing Date :NA	
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

The present invention relates to new Nickel catalysts of Formula I and II and to the process of preparation of the new catalysts. These new catalysts are used in preparing poly(3-substituted-thiophene) with high regioregularity. Highly regioregular poly(3-substituted-thiophene) can be used in the manufacture of optoelectronic devices.

No. of Pages: 36 No. of Claims: 10

(22) Date of filing of Application :19/02/2014

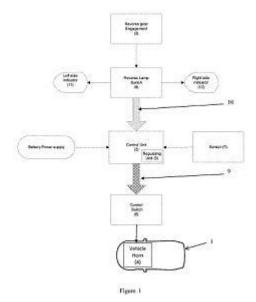
(43) Publication Date: 13/11/2015

(54) Title of the invention : A WARNING SYSTEM

(51) International classification		(71)Name of Applicant: 1)TATA MOTORS LIMITED Address of Applicant: Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai – 400 001, Maharashtra, India Maharashtra
(31) Priority Document No	:NA	India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SAGAR S. TIKAR
(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 warning system to indicate a gear lever in reverse gear position for a vehicle, comprising: a control unit configured to detect engagement of the gear lever in reverse gear position for the vehicle; a vehicle horn interfaced with the control unit, wherein, the vehicle horn is configured to generate a warning signal when the engagement of the reverse gear is detected; and a regulating unit interfaced with the control unit and the vehicle horn, wherein, the regulating unit is configured to regulate frequency and amplitude of the warning signal generated by the vehicle horn. Figure 1



No. of Pages: 14 No. of Claims: 10

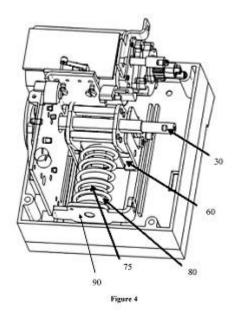
(22) Date of filing of Application :24/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: MULTI-LINK SCOTCH YOKE MECHANISM FOR MOLDED CASE CIRCUIT BREAKER

(51) International classification	:G05F (7	1)Name of Applicant :
(31) International classification	1/00	1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA H	OUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400 001,
(33) Name of priority country	:NA IN	NDIA Maharashtra India
(86) International Application No	:NA (7	2)Name of Inventor:
Filing Date	:NA	1)SAMIR KUMAR
(87) International Publication No	: NA	2)BHUVANESWARI MOHANRAJ
(61) Patent of Addition to Application Number	:NA	3)PRAKEET I SINGH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
The state of the s		

(57) Abstract:

Disclosed is a stored energy operating mechanism (100) for a molded case circuit breaker (200). The stored energy operating mechanism (100) comprises a motor (10), an integrated gear assembly (20), a shaft (30), a multi-link scotch-yoke assembly (60) and a spring assembly. The multi-link scotch-yoke assembly (60) comprises a moving member (45), a fixed member (55) and a pin (58) for converting rotary motion transmitted from the motor (10) to the gear assembly (20) and then to the shaft (30) into a linear motion. The multi-link scotch yoke assembly (60) and the spring assembly are placed in a way to achieve effective space utilization without raising issues of backlashes, continuity and bouncing back.



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

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

(43) Publication Date: 13/11/2015

(54) Title of the invention: A FRAME, SWINGARM AND ENGINE ASSEMBLY

(51) International classification(31) Priority Document No	B62K 25/00 :NA	Address of Applicant :D-1 BLOCK, PLOT NO. 18/2 (PART), MIDC,
(32) Priority Date	:NA	CHINCHWAD, PUNE - 411019 MAHARASHTRA, INDIA Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BATHULA VENKAIAH
(87) International Publication No	: NA	2)VENKATRAMAN YOGARAJA
(61) Patent of Addition to Application Number	:NA	3)GHORPADE AVINASH GULABRAO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A frame structure for a two wheeled vehicle comprises a pair of side members and a pair of support members extending in an operative downward direction from the corresponding side member. The frame structure further comprises a pair of support brackets mounted securedly on a corresponding support member. The support brackets are adapted to receive and support a spindle wherein the spindle is adapted to coaxially support an engine mounting structure and a swingarm mounting structure. The swingarm is swivably supported onto the frame structure. Fig. 3

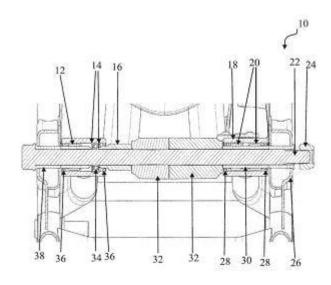


FIGURE 3

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

(22) Date of filing of Application: 17/02/2014

(43) Publication Date: 13/11/2015

$(54) \ Title \ of the invention: A \ PROCESS \ FOR \ THE \ PREPARATION \ OF \ 2-AMINO-4-ARYL-4H-BENZO[H]CHROMENE-3-CARBONITRILE \ DERIVATIVES$

(51) International classification	311/00, C07D	Address of Applicant :DEPARTMENT OF CHEMISTRY, UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ
(31) Priority Document No	:NA	(EAST), MUMBAI-400098, MAHARASHTRA, INDIA. Maharashtra
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)M.M.V.RAMANA
Filing Date	:NA	2)BETKAR RAHUL RAMESH
(87) International Publication No	: NA	3)NIMKAR AMEY PRAMOD
(61) Patent of Addition to Application Number	:NA	4)RANADE PRASANNA BHALCHANDRA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to the synthesis of 2-amino-4-aryl-4H-benzo[hjchromene-3-carbonitriie derivatives by the reaction of l-naph,thol, malononitrile and aromatic aldehydes using CsOH -Al2O3 as a heterogeneous basic catalyst in alcohol solvent.

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

(21) Application No.589/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :20/02/2014

 $(43)\ Publication\ Date: 13/11/2015$

(54) Title of the invention: DELAYED RELEASE POSACONAZOLE TABLETS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number SNA (63) Divisional to Application Number Filing Date (84) Divisional to Application Number SNA Filing Date (85) Divisional to Application Number SNA Filing Date (86) Divisional to Application Number SNA Filing Date	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD â6" 380015 GUJARAT, INDIA Gujarat India (72)Name of Inventor: 1)KULKARNI SUSHRUT KRISHNAJI 2)MEHTA PAVAK RAJNIKANT 3)KAPOOR RITESH 4)MAHESHWARI RAJESHKUMAR BHARAT
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(57) Abstract:

The present invention relates to a delayed release composition comprising Posaconazole dissolved or molecularly dispersed in a polymer other than a hydroxypropyl methylcellulose derived polymer; wherein the composition is prepared by hot melt extruding an admixture of Posaconazole and the polymer. The present invention also provides a process of preparing said composition.

No. of Pages: 17 No. of Claims: 10

(22) Date of filing of Application :28/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: A PROCESS FOR PREPARATION OF HIGH FLASH POINT FROTHER

•	C22B5/00	(71)Name of Applicant :
(51) International classification	C22B1/14	1)GODAVARI BIOREFINERIES LIMITED
(31) Priority Document No	NA	Address of Applicant :SOMAIYA BHAVAN, 45-47, MAHATMA
(32) Priority Date	NA	GANDHI ROAD, POST BOX NO. 384, FORT, MUMBAI – 400001,
(33) Name of priority country	NA	MAHARASHTRA, INDIA Maharashtra India
(86) International Application No	NA	(72)Name of Inventor:
Filing Date :1	NA	1)Ravindra Gadhe
(87) International Publication No :	NA	2)Shanul Pagar
(61) Patent of Addition to Application Number	NA	3)Sangeeta Srivastava
Filing Date :1	NA	
(62) Divisional to Application Number :1	NA	
Filing Date :1	NA	

⁽⁵⁷⁾ Abstract:

The present invention discloses a process for preparing high flash point frothing agent by treating an aldehyde with an alcohol in the presence of an acid catalyst at elevated temperature and further adding a carbonate salt to obtain the frothing agent and polymer.

No. of Pages: 17 No. of Claims: 11

(22) Date of filing of Application :24/03/2014

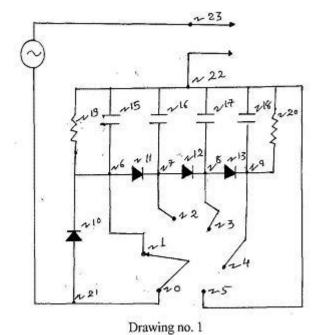
(43) Publication Date: 13/11/2015

(54) Title of the invention: "CAPACITOR TYPE SPEED REGULATOR FOR SMALL MOTOR LIKE ROOM AIR FAN."

	:H02J	(71)Name of Applicant :
(51) International classification	17/00,H01G	1)VAISHNANI BABUBHAI LAXMAN
	9/00	Address of Applicant :B-102, ABHINAV APARTMENT, DIVYUM
(31) Priority Document No	:NA	PARK, OPP. KHODIYAR COLONY, JAMNAGAR-361 006,
(32) Priority Date	:NA	GUJARAT, INDIA. Gujarat India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)VAISHNANI BABUBHAI LAXMAN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This technique under the title of "capacitor type speed regulator for small motor like room air fan" eliminates the double pole requirement to single pole per step of the step switch. Also provides 4 to 5 and 5 to 9 no. of speed with 3 to 4 no. of capacitors respectively. Also it is possible equal no. of speed with equal no. of capacitors. Refer drawing sheet no. 1. As power supply made on all the capacitors will be charged directly through the set of diodes but discharge only selected capacitors as per the step position of the switch. Thus no. of selected capacitor will decide the speed of motor. The capacitor connected to first step will be as per requirement of minimum speed and all other may be of same capacity or may be of different rating as per requirement.



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

(22) Date of filing of Application :24/03/2014

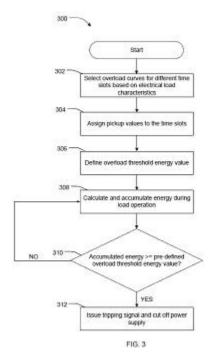
(43) Publication Date: 13/11/2015

(54) Title of the invention: "SYSTEMS AND METHODS FOR OVERLOAD PROTECTION WITH USER SELECTABLE TRIPPING CHARACTERISTICS†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02H6/00, H02H3/093 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)Larsen & Toubro Limited Address of Applicant: LARSEN & TOUBRO LIMITED L&T House, Ballard Estate, P. O. Box: 278, Mumbai 400 001, India Maharashtra India (72)Name of Inventor: 1)TYAGI, Dhruvi 2)SHAIKH, Usufe
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(57) Abstract:

The present disclosure relates to systems and methods for overload protection in electrical devices/loads. Systems and methods of the present disclosure help implement overload protection by using multiple selectable overload curves such as I2t, I4t, SI and VI for different time slots of operation of attached electrical load. More particularly, the systems and methods disclose microprocessor based overload protection with adjustable tripping characteristics that are adapted to continuously monitor electrical current flowing through the overload protection unit and initiate a trip as a function of selectable tripping characteristics corresponding to operating condition signified by varying current requirements throughout the operation of attached electrical load.



No. of Pages: 38 No. of Claims: 8

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

(43) Publication Date: 13/11/2015

(54) Title of the invention: SOLVENT FREE METHOD OF EXTRACTION OF HERBALS.

(57) Abstract:

The invention disclosed herein relates to the solvent free method of extraction for herbal(s) to produce self emulsifying herbal extract(s) enriched in phytoconstituents with improved bioavailability. The invention further provides process for preparation of such extract compositions.

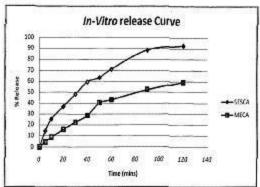


Figure 1: As-vitro release curve for SEECA and MECA

No. of Pages: 30 No. of Claims: 6

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

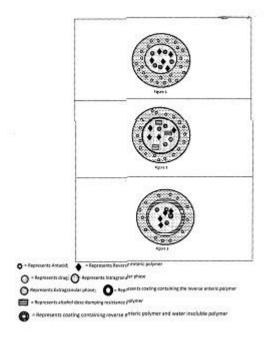
(43) Publication Date: 13/11/2015

(54) Title of the invention: ABUSE DETERRENT SOLID DOSAGE FORM COMPOSITION

(51) International classification	:A61K31/00, A61K9/00	(71)Name of Applicant: 1)SUN PHARMA ADVANCED RESEARCH COMPANY LTD.
(31) Priority Document No	:NA	Address of Applicant :17/B, MAHAL INDUSTRIAL ESTATE, OFF
(32) Priority Date	:NA	MAHAKALI CAVES ROAD, ANDHERI (EAST), MUMBAI - 400093,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DHARMADIKARI NITIN BHALACHANDRA
(87) International Publication No	: NA	2)ZALA YASHORAJ
(61) Patent of Addition to Application Number	:NA	3)SHANGHVI DILIP. S
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
7		

(57) Abstract:

An abuse deterrent immediate release biphasic matrix solid dosage form that releases the drug at a desired rate for quick onset of action when a single unit or prescribed units of the dosage form are orally administered but exhibits a reduced rate of release when more than the prescribed number of units, are administered.



No. of Pages: 71 No. of Claims: 16

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR EVALUATING SOFTWARE APPLICATION

(51) International classification	:G07F17/30, G01N21/87	(71)Name of Applicant : 1)Tata Consultancy Services Limited
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point,
(32) Priority Date	:NA	Mumbai 400021, Maharashtra, India Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)JOSHI, Hemant Prakash
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	
(55) 11		·

(57) Abstract:

Disclosed is method and system for evaluating quality of a software application. The system may be configured for receiving one or more instances of defects, one or more instances incidents, and an outage duration corresponding to each sub-time interval of predefined time. Further, weights may be assigned for each instance of defect, each instance of incident, and each instance of outage. Based on the weights assigned, a gross score may be determined for the software application. Further, the gross score may be divided by a size factor to obtain a normalized score. The normalized score may be further multiplied with a predefined time weight to compute a time weighted score for each sub-time interval. Further, a summation of the time weighted score may determine a total score for the software application. The total score may be compared with a reference score in order to determine quality score for the software application.

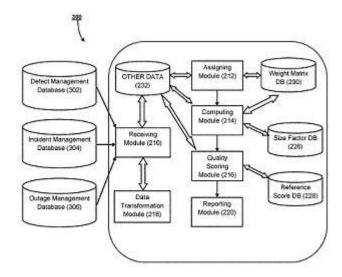


Figure 3

No. of Pages: 36 No. of Claims: 10

(22) Date of filing of Application :20/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: "EDIBLE FAT COMPOSITIONS AND PROCESSES FOR PREPARING THE SAME".

(51) International classification	:C11C3/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)KAMANI OIL INDUSTRIES PVT LTD
(32) Priority Date	:NA	Address of Applicant :CHANDIVALI ESTATE, SAKI VIHAR
(33) Name of priority country	:NA	ROAD, MUMBAI- 4000 72, MAHARASHTRA, INDIA Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)KRISHNADEV DEVNARAYAN YADAV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

FAT COMPOSITION AND PROCESS FOR PREPARING THE SAME. The invention relates to fat composition comprising of hydrogenated stearin and hydrogenated olein wherein at least one of the hydrogenated stearin or hydrogenated olein is interesterified.

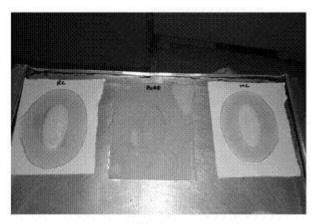


Figure 1

No. of Pages: 28 No. of Claims: 3

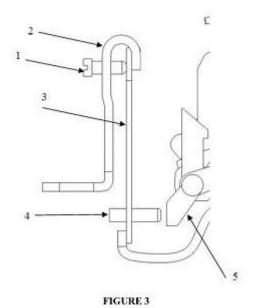
(22) Date of filing of Application :24/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CALIBRATION METHOD FOR AN INTEGRAL CIRCUIT BREAKER

(51) International classification	:H01H71/74	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :L & T House, Ballard Estate, P.O. Box:
(33) Name of priority country	:NA	278, Mumbai 400 001, State of Maharashtra, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)S, Gayathridevi
(87) International Publication No	: NA	2)K, Kamalaraj
(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 generally relates to low voltage switchgear. More particularly, the present invention relates to molded case circuit breakers using bimetal for overload protection. The present invention is basically to reduce the number of iteration to one and hence reduce the calibration time drastically. The present invention eliminates the need of verification for the calibrated circuit breaker.



No. of Pages: 15 No. of Claims: 4

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: A TRIP UNIT FOR INTERNET CONNECTIVITY

	:H04L	(71)Name of Applicant :
(51) International classification	12/00,	1)LARSEN & TOUBRO LIMITED
	G06F9/445	Address of Applicant :L & T House, Ballard Estate, P.O. Box 278,
(31) Priority Document No	:NA	Mumbai 400 001, State of Maharashtra, India Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SHAIKH, Usufe
(86) International Application No	:NA	2)SUPEDA, Prahlad
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a system (100) for implementing an embedded web server based on a ultra low-power microcontroller is disclosed. The system comprises an electronic trip unit (104) including the ultra low-power microcontroller (106) to monitor an operation of an electrical circuit, wherein the electronic trip unit works as embedded web server; a plurality of nodes (108) communicably coupled to the electronic trip unit (104), and configured to access the embedded web server; and a non-volatile memory (110), present in the electronic trip unit, configured to store at least one interface at least one Ethernet controller. Further, a connecting circuit breaker is available directly on an Ethernet and capable of transmitting the TCP/IP data through a trip unit to remote host available in the network is disclosed. The entire web server data and the related stack are embedded into the trip unit.

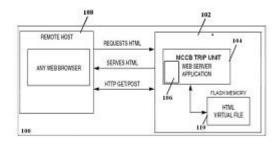


Figure 4

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

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

(43) Publication Date: 13/11/2015

(54) Title of the invention: PLANT TRAY FOR GROWING PLANTS

(51) International classification	:A01G 9/20	(71)Name of Applicant: 1)GOKHALE SATISH MADHUKAR
(31) Priority Document No	:NA	Address of Applicant :826 SHIVAJINAGAR, 'ANANDI'
(32) Priority Date	:NA	BHANDARKAR ROAD LANE 13, PUNE: 411 004, INDIA
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GOKHALE SATISH MADHUKAR
(87) International Publication No	: NA	2)GOKHALE FALGUNI SATISH
(61) Patent of Addition to Application Number	:NA	3)GOLE NACHIKET VILAS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(E7) A1-++		

(57) Abstract:

A plant tray for growing plants comprises a reservoir and a planter. The reservoir holds fluid there-within and comprises a floor and operative side walls extending operatively upwards from the floor. The plurality of first recesses formations formed on the floor and a plurality of notches formed on the side walls for entry of air into the reservoir. At least one trough formation formed on one side wall for entry of liquid into the reservoir. The planter, holds planting medium and plants, mounted on the reservoir and comprises a perforated base and a planter side walls. The perforations permit air from the reservoir to be introduced within the planter. Leg formations extend operatively downwards from the base and terminate in perforated feet formations configured to rest in the first recesses of the reservoir. The perforations in the feet permit introduction of liquid by capillary action into the planting medium. Fig.1

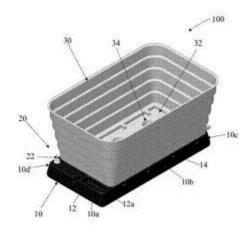


FIGURE 1

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

(22) Date of filing of Application :06/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : TRACEABILITY SYSTEM FOR SOFT MOULDS, MOULDED COMPONENTS, MATERIALS AND LIQUID MATERIALS

	:G05B	(71)Name of Applicant:
(51) International classification	19/00,	1)Pushkraj Janwadkar
	G02C7/04	Address of Applicant :49, Jeevan-Prabha, Pratibhanagar, Kolhapur
(31) Priority Document No	:NA	Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)Pushkraj Janwadkar
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for providing traceability to moulded components to their origin is provided. The system works on a pattern or a mould directly, before the component is casted. The system includes a set of actuators actuated by using an electronic control unit (ECU) or a microprocessor. The command given by the ECU actuates individual actuators to form a unique identification pattern which is machine recognizable or human recognizable to establish traceability of created entity.

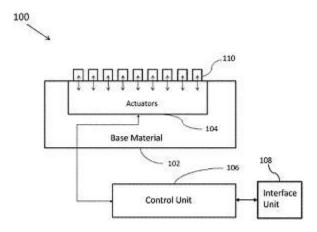


Fig. 1

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

(22) Date of filing of Application :25/03/2014

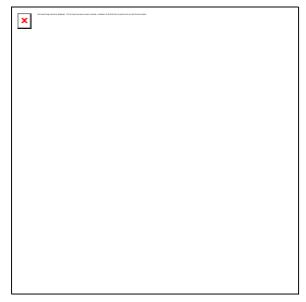
(43) Publication Date: 13/11/2015

(54) Title of the invention: A SYSTEM FOR LOADING AND UNLOADING A SPARE WHEEL OF A VEHICLE

(51) International classification	:B62D43/00, B60B29/00	(71)Name of Applicant:
(A) D. I. D		1)Mahindra Engineering Services Ltd,
(31) Priority Document No	:NA	Address of Applicant :Embassy Tech Zone â€" SEZ,1st Floor, Wing
(32) Priority Date	:NA	B,Plot No.3,Phase II, Rajiv Gandhi Infotech Park, Hinjewadi,Pune, MH
(33) Name of priority country	:NA	India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Narasimha D Gupta
(87) International Publication No	: NA	2)Shailesh Kadre
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		1

(57) Abstract:

The present invention provides a system for loading and unloading a spare wheel from a vehicle. The system includes a structure, at least one supporting plate, a plurality of rollers, lifting means, holding means and a holding plate. The at least one supporting plate is hingebly connected with the structure. The plurality of rollers is rotatably disposed on the supporting plate. The lifting means is secured to the structure. The holding means is secured to the structure for securing the spare wheel with the structure. Further, the spare wheel is secured to the holding plate and then glided over the rollers for mounting over the supporting plate, thereafter upon operating the lifting means, the supporting plate along with the spare wheel is lifted, thereafter the holding plate is secured to the holding means, thereby securing the spare wheel against the vehicle chassis.



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

(22) Date of filing of Application :25/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: STAIR CLIMBING WHEELS

(51) International classification	:B60B37/00, B62D 55/02	(71)Name of Applicant : 1)PRANJAL JAIN
(31) Priority Document No	:NA	Address of Applicant :718,1ST FLOOR, NAIK BUILDING, ITWARI
(32) Priority Date	:NA	ROAD, NAGPUR-440002. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)PRANJAL JAIN
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	
(55) 11		<u>'</u>

(57) Abstract:

The present invention includes a stair climbing wheel which can act as a normal rotating wheel traversing plain terrains as well as climb stairs as per the requirements. Three arms are used as climbing elements for the wheel which are connectedvia a central planetary gear transmission assembly within the wheel itself consisting of three planet gears and a central sun gear. A servo motor is used to rotate the sun gear which in turn rotates the planet gears and the planet gears actuate and de-actuate the arms for climbing purpose.

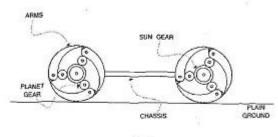


Fig. 1

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

(22) Date of filing of Application :25/03/2014

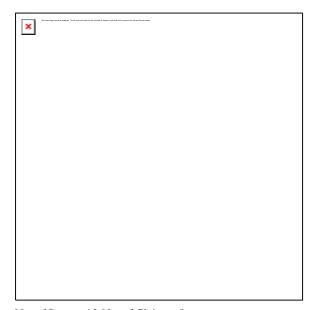
(43) Publication Date: 13/11/2015

(54) Title of the invention: SYSTEM FOR COOLING INTERIOR OF A PARKED VEHICLE USING SOLAR ENERGY

(51) International classification (31) Priority Document No	:B60H1/00 :NA	(71)Name of Applicant : 1)Mahindra Engineering Services Ltd.
(32) Priority Date	:NA	Address of Applicant :Embassy Tech Zone â€" SEZ,1st Floor, Wing
(33) Name of priority country	:NA	B,Plot No.3,Phase II, Raiv Gandhi Infotech Park, Hinjewadi, Pune. MH.
(86) International Application No	:NA	India Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Dhananjay Laxman Salve
(61) Patent of Addition to Application Number	:NA	2)Sunil Suresh Prabhu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides the present invention provides a system for cooling an interior of a vehicle in parked condition. The system includes a solar panel, a power storage, a conduit, a plurality of sensors and a controller. The power storage and supply means is provided for colleting, storing and supplying electricity received from the solar panel. Further, the conduit with an air blowing means and a thermoelectric cooler is disposed inside the vehicle. The plurality of sensors is disposed on different portions inside the vehicle for sensing temperature thereof. The controller receives inputs from the sensors and accordingly regulates the electric supply to the thermoelectric cooler, the air blowing means and the power storage and supply means for cooling the interior of the vehicle at predefine degree.



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

(22) Date of filing of Application :03/02/2014

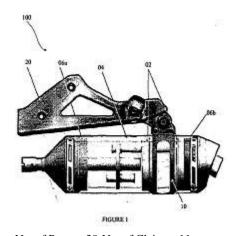
(43) Publication Date: 13/11/2015

(54) Title of the invention: A MOUNTING SYSTEM

(51) International classification		(71)Name of Applicant:
	13/00	1)MAHINDRA TWO WHEELERS LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-1 BLOCK, PLOT NO. 18/2 (PART), MIDC,
(32) Priority Date	:NA	CHINCHWAD, PUNE-411 019 MAHARASHTRA, INDIA Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)BATHULA VENKAIAH
(87) International Publication No	: NA	2)VENKATRAMAN YOGARAJA
(61) Patent of Addition to Application Number	:NA	3)DEULKAR NIKHIL MANOHAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		·

(57) Abstract:

An arrangement for mounting silencer housing to a frame of a two-wheeler includes a flange, a resilient spacer, grommets, a mounting ear, washer, a ring type clamp and a nut-bolt arrangement. The flange extends from a foot rest bracket mounted on frame and has a hole. The through passage of resilient spacer and hole of flange are aligned. The through passage of grommets and resilient spacer are aligned. The mounting ear is disposed between grommets has a hole aligned with grommet holes. The holes of washer and mounting ear are aligned. In an operative configuration of ring type clamp, clamping collars of ring type clamp are secured to mounting ear such that diameter of ring type clamp is less than outer diameter of silencer housing. A bolt passes through aligned holes of flange, mounting ear, passageway of resilient spacer, passageway of grommets and washer and engages with a nut.



No. of Pages: 30 No. of Claims: 11

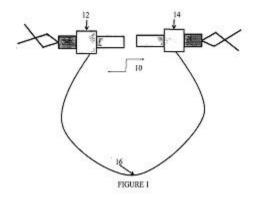
(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BYPASS SYSTEM FOR SUB - SEA DISTRIBUTOR

(51) International classification	:B01D19/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)RELIANCE INDUSTRIES LIMITED
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV 222,
(33) Name of priority country	:NA	NARIMAN POINT, MUMBAI - 400021, MAHARASHTRA, INDIA
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)VENTRAPRAGADA SIVARAMA KRISHNA
(61) Patent of Addition to Application Number	:NA	2)PUTHANKOVILAKAM JAYAKRISHNA
Filing Date	:NA	3)RAMA SUMIT YOGENDRA PRASAD
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure disclosure a by-pass arrangement (10) for by-passing fluid flowing through a distribution assembly operable in a fluid environment from a primary filter to a secondary filter. The by-pass arrangement includes a first lead (12) in fluid communication with a second lead (14) via a hose (16). The by-pass arrangement (10) prevents shutdown of the sub-sea distribution assembly.



No. of Pages: 0 No. of Claims: 8

(22) Date of filing of Application :05/02/2014

(43) Publication Date: 13/11/2015

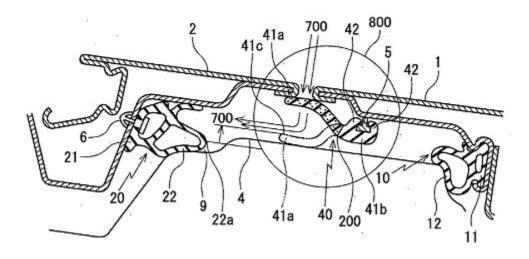
(54) Title of the invention: SEALING STRUCTURE OF PARTING PORTION

(31) Priority Document No B60J10/ :2013- 025403	(71)Name of Applicant: 1)NISHIKAWA RUBBER CO., LTD. Address of Applicant: 2-8, MISASA-MACHI 2-CHOME, NISHI-KU, HIROSHIMA-SHI, HIROSHIMA-KEN, JAPAN Japan (72)Name of Inventor: 1)SHIGEHIRO Yasuaki
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(57) Abstract:

In a sealing structure for closing a parting portion between a front door and a rear door by a seal lip, in which: the front door has a front side weather strip installed on a peripheral edge thereof; the front side weather strip makes elastic contact with a center pillar; the seal lip has a substantially tongue-shapdd cross section, is disposed at a rear side weather strip and has a an assembly part formed on a base root side thereof; and the assembly part is assembled on the rear door; the base root side has a bending point provided thereon for the seal lip to be curved toward the inner-cabin side so that a top end makes elastic contact with the center pillar when high pressure water splashes the seal lip.

Fig. 1



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

(22) Date of filing of Application :05/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: MOBILE WATER PURIFICATION SYSTEM

(51) International classification	:C02F1/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Piaggio Vehicles Pvt. Ltd.
(32) Priority Date	:NA	Address of Applicant :E2, MIDC Area, Baramati, Pune – 413133,
(33) Name of priority country	:NA	India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Satish Sharad Sane
(87) International Publication No	: NA	2)Sameer Ulhas Visal
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described herein is a mobile water purification system 100, which includes a three-wheeled vehicle 100 and a water purification system 102. The three-wheeled vehicle 100 includes a driver cabin 104 and a carrier segment 106 whereas the water purification system 102 includes a water pump 112 for transferring impure water from ground sources to a plurality of filters 114 for filtration process, and is provided on the carrier segment 106 of the three-wheeled vehicle 100. The water pump 112 of the present subject matter is operatively connected to the engine 110 of the three-wheeled vehicle 100 via an engagement device 300, such as an electromagnetic clutch.

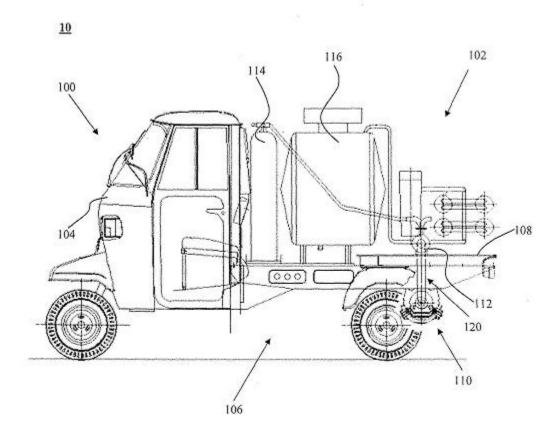


FIGURE 2

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

(22) Date of filing of Application :21/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: A MULTI-PERSON-POWERED CARGO/PASSENGER CARRIER VEHICLE.

(51) International classification	:B60R 5/00, B60R	(71)Name of Applicant: 1)SALDANHA ANIL Address of Applicant:1A, 901, SIDDHACHAL CO-OP HSG. SOC.
		LTD., PHASE VI, POKHRAN ROAD NO.2, THANE (W) 400 610
(31) Priority Document No	:NA	MAHARASHTRA, INDIA Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)SALDANHA ANIL
(86) International Application No	:NA	2)GOEL DEEP
Filing Date	:NA	3)DESAI MILIND RAMCHANDRA
(87) International Publication No	: NA	4)KERAWADEKAR SWAPNIL
(61) Patent of Addition to Application Number	:NA	5)ROY NADISH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A multi-person-powered cargo / passenger carrier vehicle comprising: at least a prime mover assembly; at least a carriage assembly configured to be driven by said prime mover assembly; at least a coupling mechanism configured to couple said prime mover assembly to said carriage assembly; at least a variator in order to provide continuously variable transmission to said prime mover assembly; and at least a differential-type axle for said prime mover assembly.

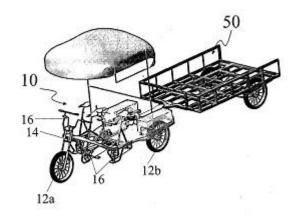


FIGURE 1

No. of Pages: 41 No. of Claims: 17

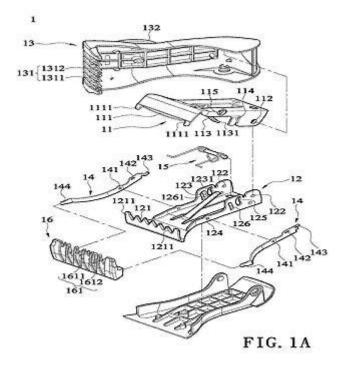
(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: HAIR TRIMMING DEVICE

(31) Priority Document No :1021066 (32) Priority Date :26/02/20 (33) Name of priority country :Argentin (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	Address of Applicant :NO. 25, ALLEY 53, LANE 514, CHUNG CHENG RD., HSIN CHUANG DIST., NEW TAIPEI CITY, TAIWAN,
Č	

(57) Abstract:

A hair trimming device 1 has a first knife 11, a second knife 12, a first protective cover 13, a pair of movable plates 14, an elastic element 15 and a second protective cover 16. The first protective cover 13 covers the first knife 11 and has a first comb 131 installed at a front end of the first knife 11, and the pair of movable plates 14 are linked with both external sides of the second knife 12 and the first knife 11, and the second protective cover 16 is installed at a front end of the pair of movable plates 14, and a second comb 161 is disposed between the first comb 131 and the cutting blade 111, such that the movable plate 14 is linked to the second comb 161. When use, hairs of different lengths are bent and fixed and then cut to achieve layered hair styling without any discomfort caused by tearing the hair.



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

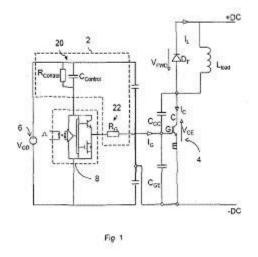
(22) Date of filing of Application :17/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DRIVE CIRCUIT FOR POWER TRANSISTOR

(51) International classification	:H03K17/00	(71)Name of Applicant:
(31) Priority Document No	:1303585.2	1)CONTROL TECHNIQUES LTD
(32) Priority Date	:28/02/2013	Address of Applicant :THE GRO, POOL ROAD, NEWTOWN SY16
(33) Name of priority country	:GB	3BE UNITED KINGDOM U.K.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GIBSON RICHARD
(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 turn-on drive circuit for a power transistor comprising a first circuit comprising a resistor and capacitor in parallel and a second circuit comprising a resistor, the second circuit being in series in the drive path with the first circuit. A turn-off drive circuit for a power transistor comprising a first circuit comprising a first resistor and a second resistor in series in the drive path of the power resistor and a second circuit comprising a capacitor in parallel with one of the resistors of the first circuit.



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

(22) Date of filing of Application :21/03/2014

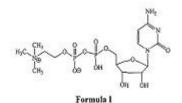
(43) Publication Date: 13/11/2015

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF CYTIDINE 5'-DIPHOSPHATE CHOLINE AND ITS MONOSODIUM SALT"

(51) International classification :C07D257/04 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant: 1)HERBERT BROWN PHARMACEUTICAL & RESEARCH LABORATORIES Address of Applicant: W-256/257/258A, M.I.D.C.PHASE II, SHIVAJI UDYOG NAGAR, DOMBIVLI (EAST) 421 203 DIST: THANE MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor: 1)GUND, VITTHAL GENBHAU 2)BHAGWAT, VENKATRAMAN NARAYAN 3)SHINGOTE, SANTOSH SHIVAJI 4)PARDESHI, HITENDRA DINANATH 5)SHELKE, SUBHASH RAMBHAU 6)NAVALE PRAVIN MAHADU 7)DESHPANDE, AMRUTA AVINASH 8)ZAWARE, SUDHIR MADHAVRAO 9)DAVKHAR, BHAGYASHRI RAJENDRA
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(57) Abstract:

The present invention relates to a novel process for the preparation of CDP-choline of Formula I and its monosodium salt of Formula II comprises of reacting cytidine 5"-monophosphate with morpholine in presence of dicyclohexylcarbodiimide in an organic solvent selected from glycol or glycol ether to form morpholidate. insitu condensing the morpholidate thus formed with phosphorylcholine chloride in an organic solvent selected from glycol or glycol ether, recovering the in an organic solvent selected from glycol or glycol ether to obtain crude CDP-choline, dissolving or suspending crude CDP-choline in water. filtering and washing the aqueous solution with water immiscible solvent, charcoalizing and subsequently concentrating the aqueous solution and optionally, converting the CDP-choline in concentrated solution to into its monosodium salt, followed by isolation and purification of thus formed monosodium salt of CDP-choline of Formula II by using an organic solvent. The HPLC purity of monosodium salt of CDP-choline of Formula II obtained by present process is more than 99.5%.



No. of Pages: 26 No. of Claims: 10

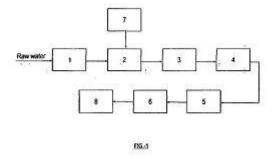
(22) Date of filing of Application :21/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: MULTIPLE JETS FLASH MIXER FOR WATER TREATMENT

(51) International classification	:B01F5/00, B01F 5/02	(71)Name of Applicant: 1)BHOLE ANAND GOVIND
(31) Priority Document No	:NA	Address of Applicant :"YASH ENCLAVE" PLOT 259,
(32) Priority Date	:NA	DHARAMPETH EXT., NAGPUR - 440010 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)BHOLE ANAND GOVIND
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	
(55) 11		<u> </u>

(57) Abstract:

Surface water from sources such as river, lake, impounded reservoir etc. is tapped for drinking purpose. Surface water contains impurities such as turbidity and micro-organisms. They have to be removed from water to make it fit for drinking purpose. The various units such as cascade aerator, flash mixer, clariflocculator, sand filters, chlorinator etc. are used for purifying the surface water. The flash mixer, one of the above mentioned unit, mixes the coagulant with water instantly and homogenously to generate microflocs. These flocs then are carried to clariflocculator to convert them to large size and dense flocs. Jet mixer is one of the unit for this flash mixing. But in the case of jet mixing, highest intensity of turbulence is at the jettip which goes on reducing along with the distance from the jet-tip in the body of the water. In fact this turbulence should be uniform throughout the water body for better performance of the mixer. In the present invention, the single jet has been replaced by multiple jets which are uniformly distributed throughout the water body in the flash mixer. The turbulence (or velocity gradient) generated by these multiple jets is uniform in the body of water hence results in better performance of the flash mixer. The jets are supported by hollow discs suitably fixed at suitable levels in the mixer. The water from the flash mixer is recirculated back to mixer with the help of a pump of required h.p. The recirculated water comes out of the : plurality of jets/nozzles under required pressure to create necessary agitation or velocity gradient for instant and homoginous mixing of the coagulant in the body of water in the mixer. This process helps to generate micro-flocs Advantages of the Invention: 1. The invention does not have any moving parts, except for pump. 2. The invention needs only one pump of required h.p. which is easily available in rural areas. 3. The invention does not need any maintenance except for pump. 4. The invention is compact compared to baffled channel mixer and more precise compared to hydraulic jump. 5. Because of the multiple nozzles arranged throughout the body of the water, the complete water body gets uniformly flash mixed unlike single jet mixer. In the case of single jet mixer, the intensity of turbulence is maximum at the jet-tip which reduces along with the distance from the jet-tip.



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

(22) Date of filing of Application :20/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: COMPACT POLYMER GEL COMPOSITION OF DISENTANGLED ULTRAHIGH MOLECULAR WEIGHT POLYETHYLENE, AND FILAMENTS DERIVED THEREFROM.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08L 87/00 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED Address of Applicant: 3rd Floor, Maker Chamber-IV 222, Nariman Point, Mumbai-400021, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)SATPATHY Uma Sankar 2)GANDHAM Satya Srinivasa Rao 3)MATHUR Ajit Behari 4)JASRA Raksh Vir 5)SARMA Krishna Renganath 6)SHAH Amit Kumar Punamchand 7)AMIN Yogini Maheshbhai 8)MEHTA Gaurang Manilal 9)PATEL Nanubhai Fuljibhai 10)PATEL Viral Kumar
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(57) Abstract:

The present disclosure relates to a compact polymer gel consisting of disentangled ultrahigh molecular weight polyethylene (dis-UHMWPE), at least one nucleator, at least one filler and at least one fluid medium. The present disclosure also provides a process for the preparation of the compact polymeric gel and fibers from the compact polymeric gel of both low and high denier values. The fibers prepared in accordance with the present process have tensile strength ranging from 2.5 to 13 GPa, tensile modulus ranging from 100 to 270 GPa.

No. of Pages: 30 No. of Claims: 25

(21) Application No.564/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :18/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF ANAGLIPTIN OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF AND ITS POLYMORPHS

(51) International classification	:A61P43/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)WOCKHARDT LIMITED
(32) Priority Date	:NA	Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:PCT//	(72)Name of Inventor:
Filing Date	:01/01/1900	1)Reddy, Naveen
(87) International Publication No	: NA	2)Naidu, Damodara
(61) Patent of Addition to Application Number	:NA	3)Sharma, Pramodkumar
Filing Date	:NA	4)Rao, Bhatraju Srinivasa
(62) Divisional to Application Number	:NA	5)Deo,Keshav
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

The present invention relates to a process for the preparation of Anagliptin or a pharmaceutically acceptable salt thereof. Further, the present invention relates to a polymorph of Anagliptin or a pharmaceutically acceptable salt thereof and a method for the preparation thereof

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

(43) Publication Date: 13/11/2015

(19) INDIA

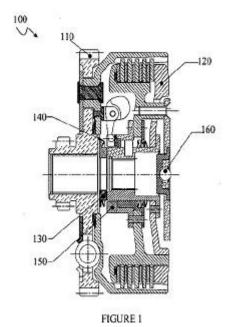
(22) Date of filing of Application :28/03/2014

(54) Title of the invention: SEMI AUTOMATIC DUAL.CLAMP LOAD MULTIPLATE WET CLUTCH

(51) International classification		(71)Name of Applicant:
(b 1) International Graphitation	13/08	1)ENDURANCE TECHNOLOGIES PRIVATE LIMITED
(31) Priority Document No	:NA	Address of Applicant :E 93, M.I.D.C. INDUSTRIAL AREA,
(32) Priority Date	:NA	WALUJ, AURANGABAD-431136, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ASHUTOSH JAHAGIRDAR
(87) International Publication No	: NA	2)NITIN BHONE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		

(57) Abstract:

A multiplate wet clutch assembly mounted on a gear box input shaft of a vehicle, the clutch assembly having a clutch housing with a plurality of input friction plates for receiving and transmitting engine torque to a plurality of out steel plate mounted on a moving hub clutch in a operative clamped configuration of the clutch assembly, the arrangement comprising: clamping means to generate a first clutch engaging load and a second clutch engaging load to clamp the moving hub clutch to the fixed hub clutch and in turn the input friction plate and the output steel plates, the first clutch engaging load is provided by a plurality of centrifugal masses mounted on the said dutch housing to maintain the moving clutch assembly in an engaging configuration in their operative compressed state of the spring, the second engagement force is achieved through the torque sensing mechanism which is proportional to the engine torque and depends on moving hub helix design.



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

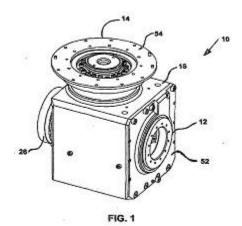
(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: "TWO JOINT MODULE".

(51) International classification	:B25J9/08, B25J17/00	(71)Name of Applicant: 1)ENGINEERING SERVICE INC.
(31) Priority Document No	:13/789,403	
(32) Priority Date	· · · · · · · · · · · · · · · · · · ·	TORONTO, ONTARIO M4W 3P4, CANADA Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)GOLDENBERG, ANDREW A.
Filing Date	:NA	2)BAILEY, BRENT
(87) International Publication No	: NA	3)GRYNIEWSKI MATTHEW
(61) Patent of Addition to Application Number	:NA	4)HE, XIAOJIA
Filing Date	:NA	5)YANG, YI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		

(57) Abstract:

A two joint module includes a module housing, a first joint and a second joint. The module housing has a structural support portion. The first joint has a first motor and a first motor axis and a first joint axis. The second joint has a second motor and a second motor axis and a second joint axis. The second joint axis is not parallel to the first joint axis. The first joint is attached to the structural support portion and the second joint is attached to the structural support portion.



No. of Pages: 42 No. of Claims: 37

(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FUROSEMIDE NANOSUSPENSION

(51) International classification(31) Priority Document No(32) Priority Date	:A61K9/00, A61k31/00 :NA :NA	(71)Name of Applicant: 1)AGRAWAL MILAN BHARATBHAI Address of Applicant: 304, MAHADEEP FLAT, 10, KALAMWADI SOCIETY, NEAR SHREYAS CROSSING, PALDI, AHMEDABAD-
(33) Name of priority country	:NA	380007, GUJARAT, INDIA Gujarat India
(86) International Application No Filing Date	:NA :NA	2)PATEL DHAVALKUMAR JITENDRAKUMAR 3)KHATRI HIRENKUMAR NATVARLAL
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number Filing Date	:NA :NA	1)AGRAWAL MILAN BHARATBHAI 2)KHATRI HIRENKUMAR NATVARLAL
(62) Divisional to Application Number	:NA	3)PATEL DHAVALKUMAR JITENDRAKUMAR
Filing Date	:NA	

(57) Abstract:

The present invention provides a stable nanosuspension comprises furosemide and at least one non-ionic surfactant. The present invention also provides process for the preparation of same.

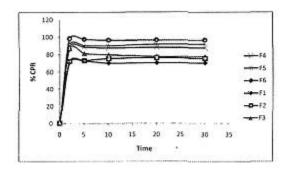


Figure 1

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

(22) Date of filing of Application :25/03/2014

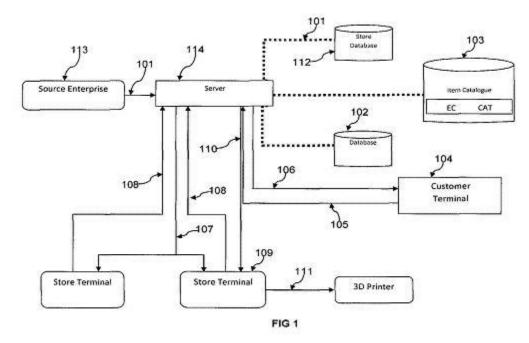
(43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD FOR FACILITATING ENTERPRISE 3D PRINTING.

(51) International classification	:G06Q 30/00	(71)Name of Applicant : 1)AMIT KUMAR JAIN
(31) Priority Document No	:NA	Address of Applicant :F/1402, ROYAL CLASSIC BUILDING, LINK
(32) Priority Date	:NA	ROAD, ANDHERI (WEST) Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)AMIT KUMAR JAIN
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 present invention is a method for facilitating enterprise 3D printing and more particularly, remote enterprise 3D printing. The present invention acquires information about items that includes 3D printer understandable information from an enterprise data source and facilitates the physical 3D printing of an item at a remote site (store or any facility associated to the enterprise) using said information.



No. of Pages: 47 No. of Claims: 16

(22) Date of filing of Application :27/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: "AN IMPROVED PROCESS FOR PREPARATION OF NEOSTIGMINE METHYLSULFATE"

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:C23C (71)Name of Applicant: 16/40 :NA Address of Applicant: EMCURE HOUSE, T-184, M.I.D.C., :NA BHOSARI, PUNE-411026, INDIA Maharashtra India :NA (72)Name of Inventor: :NA 1)GURJAR MUKUND KESHAV :NA 2)DESHMUKH SANJAY SHANKAR : NA 3)HIVAREKAR RAGHVENDRA RAMESHRAO :NA 4)HONPARKHE RAMCHANDRA RAMESHRAO
Filing Date :	:NA 5)HINGMIRE VAIBHAV SHIVAJI
C , I I I I I I I I I I I I I I I I I I	:NA 6)MEHTA SAMIT SATISH

(57) Abstract:

The invention provides a novel process for preparation of neostigmine methylsulfate (I) comprising synthesis of 3-dimethylamino phenol by a process of quateraization of 3-amino phenol with dimethyl sulfate and demethylation with ethanolamine, followed by further reaction with N,N-dimethylcarbamoyl chloride in presence of a catalyst and a base to give 3-[(dimethylamino)carbonyl-oxy]-N,N-dimethylaniline of formula (IV) which on subsequent treatment with dimethyl sulfate gave neostigmine methylsulfate having desired purity.

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

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

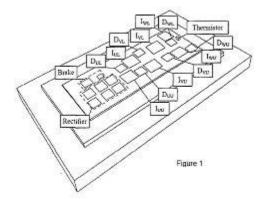
(43) Publication Date: 13/11/2015

(54) Title of the invention: THERMAL MODEL

(51) International classification :H03K3/0 (31) Priority Document No :1303627 (32) Priority Date :28/02/20 (33) Name of priority country :GB (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	-,
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(57) Abstract:

A method for controlling the temperature of a first semiconductor device on an inverter module of a drive configured to drive an electrical machine is disclosed. The method comprises calculating at least one harmonic component of at least one power loss of at least the first semiconductor device; using the at least one harmonic component of the at least one power loss of the at least the first semiconductor device to calculate a temperature of the first semiconductor device does not meet a predetermined temperature condition, issuing a command to control the operation of the drive such that the temperature of the first semiconductor device is changed to meet the predetermined temperature condition.



No. of Pages: 87 No. of Claims: 28

(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CROSS MEMBER FOR A VEHICLE

(71)Name of Applicant :
00, 1)TATA MOTORS LIMITED
2D25/20 Address of Applicant :Bombay House, 24 Homi Mody Street,
Hutatma Chowk, Mumbai – 400 001, Mharashtra, India Maharashtra
A India
(72)Name of Inventor:
A 1)Ashwani Garg
2)Shailesh Vishwakarma
A
A
A
A
A

(57) Abstract:

In accordance with the present disclosure, cross member 10 of a vehicle is provided. The cross member 10 comprises a pair of first channel members 24 26 connected with a pair of elongated chassis members 18 at end portions thereof. A pair of second channel members 30 32 engaged with the pair of first channel members 24 26. The pair of second channel members 30 32 being connected with the pair of elongated chassis members 18 at end portions thereof. Further, at least one towing member 40 carried by one of the pair of first channel members 24 26 and the pair of second channel members 30 32. The at least one towing member 40 being engaged with each of the pair of first channel members 24 26 and the second channel members 30 32. FIG. 2

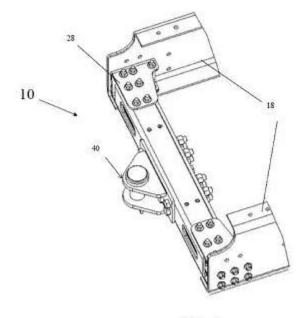


FIG. 2

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :06/02/2014

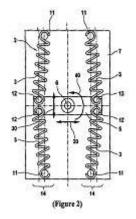
(43) Publication Date: 13/11/2015

(54) Title of the invention: LOAD TEST STAND

(51) International classification	:G01M13/02, G01N3/02	(71)Name of Applicant : 1)MBDA DEUTSCHLAND GMBH
(31) Priority Document No	:13000733.9- 1557	Address of Applicant :HAGENAUER FORST 27, 86529 SCHROBENHAUSEN, GERMANY Germany
(32) Priority Date	:13/02/2013	(72)Name of Inventor:
(33) Name of priority country	:EUROPEAN UNION	1)KLAFFERT, THOMAS
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		

(57) Abstract:

The invention relates to a load test stand (1), comprising a frame (13), a flange (5), and a spring mechanism (2), which is mounted on the frame (13) and which comprises a, preferably symmetrical, arrangement of at least four spring elements (3), wherein the spring mechanism (2) comprises frame points (11), which connect the spring mechanism (2) and the frame (13); and comprises articulation points (12), which connect the spring mechanism and the flange (5); and wherein the flange (5) can be coupled, in particular by means of an adapter, to the output shaft (6) of a servo system (4) that is to be tested.



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

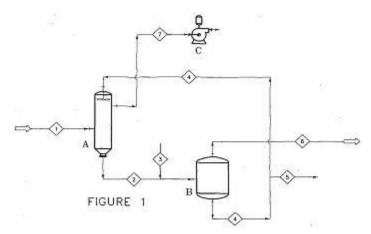
(22) Date of filing of Application :14/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DRYER VAPOUR ENERGY RECOVERY METHOD.

(51) International classification :F26B	11/16 (71)Name of Applicant:
(31) Priority Document No :NA	1)PRAJ INDUSTRIES LIMITED
(32) Priority Date :NA	Address of Applicant :PRAJ TOWER, 274-275, BHUMKAR
(33) Name of priority country :NA	CHOWK-HINJEWADI ROAD, HINJEWADI, PUNE-411 057,
(86) International Application No :NA	MAHARASHTRA, INDIA. Maharashtra India
Filing Date :NA	(72)Name of Inventor:
(87) International Publication No : NA	1)SHEO PRATAP SINGH
(61) Patent of Addition to Application Number :NA	2)SAMEER ANAND PAWAR
Filing Date :NA	3)SATISH TATYASAHEB KOSHTI
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

The invention relates to a method recovery of energy from a dryer vapour stream, further it relates to the recovery of unused energy from said dryer vapour stream for other useful work like heating or evaporation



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

(21) Application No.583/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : FUNGAL BIOCONVERSION OF LIGNOCELLULOSICS TO SINGLE CELL OIL, FATTY ACID METHYL ESTERS AND HYDROLYTIC ENZYMES

(51) International classification	7/08, C12N	(71)Name of Applicant: 1)Institute of Bioinformatics and Biotechnology Address of Applicant: c/O University of Pune, Ganeshkhind Road,
 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA :NA :NA	Pune 411007, Maharashtra, India Maharashtra India (72)Name of Inventor: 1)Ameeta Ravi Kumar 2)Mahesh Balwant Khot 3)Kadambari Khushal Barve 4)Smita Sachin Zinjarde
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A single-step configurable process for generation of multiple commercially important products such as bio-fuel and enzymes from waste lignocellulosic materials is disclosed herein which curtails thermo-chemical pretreatments and is qualified by low waste generation and high value output.

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

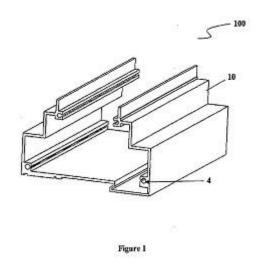
(22) Date of filing of Application :24/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ENCLOSURE FOR MOLDED CASE CIRCUIT BREAKER

(51) International classification		(71)Name of Applicant:
(C1) International classification	7/06	1)LARSEN & TOUBRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400 001,
(33) Name of priority country	:NA	INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PREETI GARGE
(87) International Publication No	: NA	2)SOUMYA SWAMINATH
(61) Patent of Addition to Application Number	:NA	3)RAJESH JETHLIYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		<u>'</u>

(57) Abstract:

Disclosed is an enclosure for a molded case circuit breaker. The enclosure comprises a housing, a pair of side covers, a top cover, a terminal arrangement and a din-clip assembly. The housing saves the cost of using different moulds. The pair of side covers and the din-clip remains common for all types of products. The enclosure provides a uniform appearance for a complete product range at lowest development and manufacturing cost.



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

(22) Date of filing of Application :19/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: LEAK LOCALIZATION IN WATER DISTRIBUTION NETWORKS

(51) International classification	:G01M3/28, G01M3/26	(71)Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point,
(32) Priority Date	:NA	Mumbai, Maharashtra 400021 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)NARAYANAN, Iyswarya
Filing Date	:NA	2)VASAN, Arunchandar
(87) International Publication No	: NA	3)SARANGAN, Venkatesh
(61) Patent of Addition to Application Number	:NA	4)SIVASUBRAMANIAM, Anand
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		·

(57) Abstract:

Described herein, are methods and systems for locating a leak in a water distribution network. According to an implementation, a leak situation in the water distribution network is detected based on a flow difference value between an actual flow value and a predicted flow value of an inlet flow meter of the water distribution network at at least one time interval. Leak signature values of demand nodes in the water distribution network at the at least one time interval are determined. A leak signature value of a respective demand node at a respective time interval is determined based on centrality metrics, the predicted flow value at the respective time interval, and static physical properties related to the water distribution network. At least one possible leak node is identified based on the flow difference value and the leak signature values of the demand nodes at the at least one time interval.

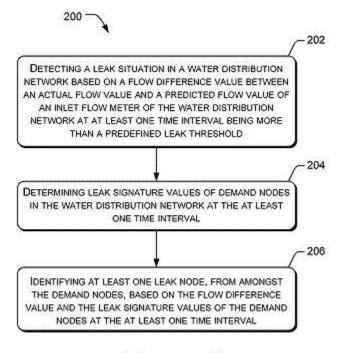


Figure 2

No. of Pages: 30 No. of Claims: 16

(21) Application No.965/MUM/2014 A

(43) Publication Date: 13/11/2015

(19) INDIA

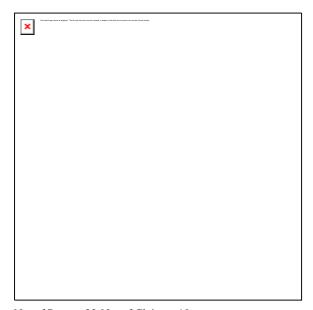
(22) Date of filing of Application :24/03/2014

(54) Title of the invention: AN ORTHODONTIC BRACKET ASSEMBLY

(51) International classification	:A61C (71)Name of Applicant :
(C1) International Classification	7/12 1)DR. SWADESH KUMAR
(31) Priority Document No	:NA Address of Applicant :SAGA DENTAL SUPPLY A/S OVRE
(32) Priority Date	:NA LANGELANDSVEG 19, 2213 KONGSVINGER, NORWAY Norway
(33) Name of priority country	:NA (72)Name of Inventor :
(86) International Application No	:NA 1) DR. SWADESH KUMAR
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(55) 11	•

(57) Abstract:

An orthodontic bracket assembly for connecting a palatal archwire to a molar band. The orthodontic bracket assembly comprises a platform adapted to be attached to the molar band, one groove on the platform adapted to receive the palatal arch wire therein, an upper tube, a lower tube parallel to the upper tube and connected to the upper tube along its edge, such that the lower tube is adapted to receive and attach the palatal archwire, a sectional arch wire with a first end fixed in the groove and a second end attached to the upper tube and an end lock at the second end of the sectional arch wire to prevent disengagement of the sectional archwire from the upper tube.



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

(12) PATENT APPLICATION PUBLICATION

(12) I ATENI ATTEICATION I OBLICATIO

(21) Application No.444/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :07/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: GRIPPER FOR A CONTAINER

	:B65B21/12,	(71)Name of Applicant:
(51) International classification	B66C1/54,	1)TYROLON-SCHULNIG GMBH
	B65B35/16	Address of Applicant :AM ROSSBERG 1, 6395 HOCHFILZEN,
(31) Priority Document No	:13155971.8	AUSTRIAN Maharashtra India
(32) Priority Date	:20/02/2013	(72)Name of Inventor:
(33) Name of priority country	:EUROPEAN	1)SCHULNIG ELMAR LUDWIG
(33) Name of priority country	UNION	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		•

(57) Abstract:

The present invention relates to a gripper arm 2, and a method for its manufacture, for a device for grasping, holding and guiding in particular bottle-like containers which comprises a rotatably mounted control cam 11 for moving a gripping section 5 of the gripper arm 2 from an open position into a gripping position, having a bore hole 10 for supporting a bearing pin for pivotably mounting the gripper arm 2 in the device, a seating 18 for an opening means 6 for moving the gripping section 5 of the gripper arm 2 from the gripping position into the open position, and a suspension means 16 for cushioning and equalizing the force and/or deflection exerted on the gripper arm 2 by the control cam 11. With the objective of disclosing such a gripper arm which remains sufficiently free of contaminants and germs and is thus unproblematic to clean, it is provided for the suspension means 16 to comprise a spring bar 17 integrally formed in an end section 14 of the gripper arm body.

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :24/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SLIDING CONTACT SYSTEM OF SWITCHGEAR

(51) International classification	:H02B1/36	(71)Name of Applicant:
(31) Priority Document No	:NA	1)LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED L&T
(33) Name of priority country	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI 400 001,
(86) International Application No	:NA	INDIA Maharashtra India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SREEKALA MADAKKAVIL
(61) Patent of Addition to Application Number	:NA	2)SADANAND CHOUDHARI
Filing Date	:NA	3)PRAMOD L. FEGADE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a sliding contact system of a switchgear. The sliding contact system comprises a plurality of clamps, a rotor, a terminal contact part, a plurality of leaf springs, a plurality of claddings and a plurality of moving contacts. The plurality of clamps is a C-clamp that helps in withstanding the load of the plurality of leaf springs without allowing direct transmission of the load to the rotor and also, prevents direct transfer of heat from a contact point to the rotor.

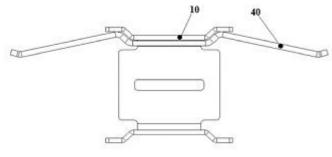


Figure 5

No. of Pages: 13 No. of Claims: 3

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : PRINTING INK

:C09D11/00	(71)Name of Applicant:
:NA	1)FUJIFILM SERICOL INDIA PRIVATE LIMITED
:NA	Address of Applicant :10/11 B U Bhanadari Industrial Estate,
:NA	Sanaswadi, Taluka: Shirur, Pune, Maharashtra-412208, India Maharashtra
:NA	India
:NA	2)SERICOL LIMITED
: NA	(72)Name of Inventor:
:NA	1)NARENDRA KAMMILI
:NA	2)MARK TAKACS
:NA	
:NA	
	:NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

The invention provides a printing ink comprising: water; a discharge agent having the following formula: where G represents a group 1 metal and n is 1-6; a sodium, magnesium, zinc or calcium salt; and an amine and/or ammonia. The ink is particularly suitable for printing onto dyed fabrics as a discharge ink.

No. of Pages: 12 No. of Claims: 15

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: A process for the preparation of Intermediate of Vilazodone

C07D405/12	(71)Name of Applicant:
NA	1)WOCKHARDT LIMITED
NA	Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad
NA	Maharashtra India
PCT//	(72)Name of Inventor:
01/01/1900	1)Chaniyara, Ravi
NA	2)Reddy, Rambhupal
NA	3)Rafeeq, Mohammad
NA	4)Merwade, Arvind Yekanathsa
NA	5)Deo,Keshav
NA	
	NA NA NA PCT// 01/01/1900 NA NA NA NA

(57) Abstract:

The present invention relates to a process for the preparation of 3-(4-Chlorobutanoyl)-1H-indole-5-carbonitrile, which is key intermediate for Vilazodone or its pharmaceutically acceptable salt.

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

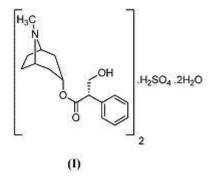
(22) Date of filing of Application :20/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: NOVEL CRYSTALLINE FORM OF HYOSCYAMINESULPHATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C07D 451/00 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)CADILA HEALTHCARE LIMITED Address of Applicant: CADILA HEALTHCARE LIMITED ZYDUS TOWER, SATELLITE CROSS ROADS AHMEDABAD-380015 Gujarat India (72)Name of Inventor: 1)DWIVEDI SHRI PRAKASH DHAR 2)PATEL JAGDISH MAGANLAL
Filing Date	:NA	1)DWIVEDI SHRI PRAKASH DHAR
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	2)PATEL JAGDISH MAGANLAL 3)SHAH HARSHITA BHARATKUMAR
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

present invention provides a crystalline Form-Z of Hyoscyamine sulphate dihydrate and the process for preparation thereof. The present invention also provides a pharmaceutical composition comprising the crystalline form-Z of Hyoscyamine sulphate dihydrate. (I)



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

(21) Application No.970/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :24/03/2014

 $(43)\ Publication\ Date: 13/11/2015$

(54) Title of the invention: LOW DOSE PHARMACEUTICAL COMPOSITION

(51) International classification (31) Priority Document No	:A61k9/00, a61k31/00 :NA	(71)Name of Applicant: 1)CIPLA LIMITED Address of Applicant :Mumbai Central, Mumbai – 400 008,
(32) Priority Date	:NA	Maharashtra. India. Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MALHOTRA, Geena
Filing Date	:NA	2)RAUT, Preeti
(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:

A pharmaceutical composition comprises a tyrosine kinase inhibitor and one or more pharmaceutically acceptable excipients, a process for preparing such pharmaceutical compositions and use of the said pharmaceutical compositions for the treatment of cancer more specifically advanced or metastatic breast cancer.

No. of Pages: 37 No. of Claims: 23

(22) Date of filing of Application :24/02/2014

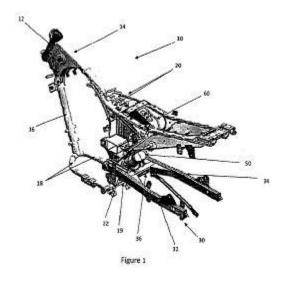
(43) Publication Date: 13/11/2015

(54) Title of the invention: CANISTER ARRANGEMENT FOR A MOTORCYCLE.

	:B60K15/01.B62K	(71)Name of Applicant :
(51) International classification	25/00	1)BAJAJ AUTO LIMITED
(31) Priority Document No	:NA	Address of Applicant :AKURDI, PUNE - 411035, STATE OF
(32) Priority Date	:NA	MAHARASHTRA, INDIA Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)KAMBLE RAVINDRA KANTILAL
Filing Date	:NA	2)NAIR VINOD KAMALASANAN
(87) International Publication No	: NA	3)KIRVE SANDEEP DNYANESHWAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	

(57) Abstract:

The present invention relates to a canister arrangement for a motorcycle with frame structure; and having an engine mounted on the frame structure. A pivotable swing arm having a right arm portion and a left arm portion is provided. The first end of the swing arm is pivotally connected to the frame structure. The second end of the swing arm is fixedly connected to a rear wheel such that the second end moves along with vertical movement of the rear wheel. A canister for adsorbing fuel vapours generated in the fuel tank and delivering the fuel vapours to the engine, is disposed at rear of the engine and at least partly disposed in a space between said swing arm portions.



No. of Pages: 29 No. of Claims: 13

(43) Publication Date: 13/11/2015

(19) INDIA

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

(54) Title of the invention: SYSTEM AND METHOD FOR MONITORING ACTIVITIES OF A USER ON A SOFTWARE APPLICATION

(51) International classification :G06	F17/00 (71)Name of Applicant:
(31) Priority Document No :NA	1)Tata Consultancy Services Limited
(32) Priority Date :NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point,
(33) Name of priority country :NA	Mumbai 400021, Maharashtra, India Maharashtra India
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)MAHAMUNI, Ravi Hanmant
(87) International Publication No : NA	2)KALYANI, Kejul Pravin
(61) Patent of Addition to Application Number :NA	3)YADAV, Piyush
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

The present subject matter discloses a system and a method for monitoring activities of a user on a software application. Further, the monitoring the activities may be performed without changing the source code of the software application. At first, a log of user data associated with the activities of the user on the software application is maintained. The user data comprises plurality of entities associated with the software application and values corresponding to the plurality of entities. Further, a subset of entities and their corresponding values are determined from the user data. Further, similar entities amongst the subset of entities are identified based upon the corresponding values of the subset of entities. After identification, grouping of the similar entities into a group is performed. Further, a report is generated comprising values of the similar entities present in the group for monitoring the activities of the user on the software application.

No. of Pages: 21 No. of Claims: 12

(22) Date of filing of Application :20/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: A TRACKING SYSTEM.

(51) International classification	:G06Q 10/00	(71)Name of Applicant: 1)AMIT GUPTA
(31) Priority Document No	:NA	Address of Applicant :#101, A WING, SAGAR APARTMENTS,
(32) Priority Date	:NA	DEVIDAS LANE, BORIVALI (W), MUMBAI-400 103. Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AMIT GUPTA
(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) Al-+		

(57) Abstract:

A method and system for tracking an absconding employee is disclosed. The system includes a database maintaining one or more employee profiles, an interface module to receive a request to track an absconding employee, the interface module to initiate at least one communication with the absconding employee using at least one request detail and an analytical module to take a preliminary action for the received request and pursue at least one settlement option based upon a response to the at least one communication. FIG 2

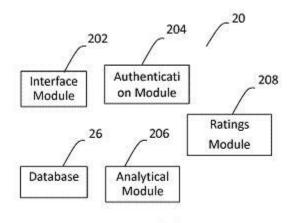


FIG. 2

No. of Pages: 23 No. of Claims: 17

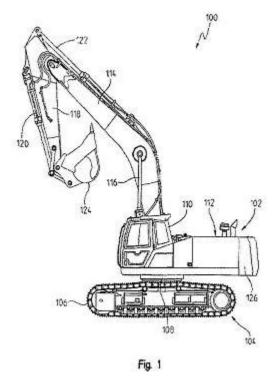
(22) Date of filing of Application :19/03/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: MACHINE UPPER FRAM AND I-BEAM ASSEMBLY

(51) International classification :A61B	(71)Name of Applicant:
17/072	1)DEERE & COMPANY
(31) Priority Document No	Address of Applicant :ONE JOHN DEERE PLACE, MOLINE,
(31) Thority Document 140 828	ILLINOIS, 61265-8098, USA U.S.A.
(32) Priority Date :18/10/20	013 (72)Name of Inventor:
(33) Name of priority country :U.S.A.	1)KNIPPER JASON G
(86) International Application No :NA	
Filing Date :NA	
(87) International Publication No : NA	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

The present disclosure provides an I-beam assembly for being mounted to an upper frame of an excavator. The I-beam assembly includes an elongated body having a proximal end, a distal end, a top surface, and a bottom surface. The elongated body includes a first plate, a second plate, and a third plate. The first plate is disposed at the proximal end and defines a pivot axis. The second plate is coupled to the first plate. The third plate is disposed at the distal end and is coupled to the second plate. The elongated body includes a first height and a second height, the first height defined between "the top surface and the bottom surface at the distal end thereof and the second height defined between the bottom surface and the pivot axis. The ratio of the first height to the second height is between about 0.5 and 1.0.



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

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention: OPAQUE PLASTIC ENVELOPE WITH SLOT AND PROCESS OF MAKING THEREOF

(51) International classification	:B29C39/20	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Kartic Vasudeo Patel
(32) Priority Date	:NA	Address of Applicant :5/24, "Meera†• , 18, L.D. Ruparel Marg,
(33) Name of priority country	:NA	Malabar Hill, Mumbai-400006, India Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)Kartic Vasudeo Patel
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an envelope made of opaque polymeric film with or without slot. The present invention also provides a process of making an opaque envelope with slot.

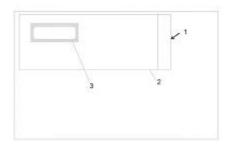


Figure 1

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

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: "IMPROVED PROCESS FOR THE PREPARATION OF SILODOSIN".

(51) International classification	:C07D209/08	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TORRENT PHARMACETICALS LIMITED.
(32) Priority Date	:NA	Address of Applicant :TORRENT HOUSE, OFF ASHRAM ROAD,
(33) Name of priority country	:NA	NEAR DINESH HALL, AHMEDABAD 380 009, GUJARAT, INDIA.
(86) International Application No	:NA	Gujarat India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ARUNKUMAR GUPTA
(61) Patent of Addition to Application Number	:NA	2)KUMARASWAMY MUDAM
Filing Date	:NA	3)HITESH GUJJAR
(62) Divisional to Application Number	:NA	4)VISHAL BAGUL
Filing Date	:NA	5)NADKARNI SUNIL SADANAND

(57) Abstract:

The present invention relates to N-acetyl-L-glutamic acid salt of compound of formula (IVa) and process for its preparation thereof. The present invention also relates to N-acetyl-L-glutamic acid salt of compound of formula (Va) and process for its preparation. Furthermore, the invention relates to the use of N-acetyl-L-glutamic acid salt of compound of formula (IVa) and compound of formula (Va) for the preparation of Silodosin and pharmaceutical composition comprising the same.

No. of Pages: 42 No. of Claims: 10

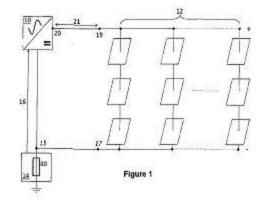
(22) Date of filing of Application :17/02/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: GROUND FAULT DETECTION CIRCUIT

(51) Intermetional algorification	:G01R31/02,	(71)Name of Applicant:
(51) International classification	G01R27/18	1)CONTROL TECHNIQUES LTD
(31) Priority Document No	:1303207.3	Address of Applicant :THE GRO, POOL ROAD, NEWTOWN SY16
(32) Priority Date	:22/02/2013	3BE UNITED KINGDOM U.K.
(33) Name of priority country	:GB	(72)Name of Inventor:
(86) International Application No	:NA	1)TOWERS MARK
Filing Date	:NA	2)DAVIES DYLAN WYN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1 4 4		·

(57) Abstract:

A ground fault detection circuit comprising a fuse and a fuse detect circuit. The fuse and the fuse detect circuit are arranged to be coupled in parallel between a reference point and a second point of a monitored circuit for which ground faults are to be detected. The fuse detect circuit is further arranged to detect a fuse break indicative of a ground fault condition and disable at least a portion of the monitored circuit.



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

(22) Date of filing of Application :20/02/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : RECOVERY OF ALIPHATIC CARBOXYLIC ACID AND RECYCLING THEREOF TO THE AROMATIC CARBOXYLIC ACID PRODUCTION PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	51/00, C07C 55/00 :NA :NA :NA :NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV 222, NARIMAN POINT, MUMBAI- 400021, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor: 1)SHANKARAYANAN VIVEK 2)JAIN SURESH SHANTILAL 3)ADURI PAVANKUMAR
Filing Date (87) International Publication No	:NA : NA	3)ADURI PAVANKUMAR 4)TERDALKAR RAJESH RATNAKAR
(61) Patent of Addition to Application Number	:NA	5)PATIL NITIN HARIBHAU
Filing Date (62) Divisional to Application Number	:NA :NA	6)UPPARA PARASUVEERA
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a process for oxidation of p-xylene to terephthalic acid. Recovery of fluid medium and valuable chemicals is carried out using p-xylene as fluid medium which is also the starting material. The recovered stream containing p-xylene, acetic acid and other valuable chemicals is recycled to the oxidation step. The process disclosed in the present disclosure is energy efficient and cost effective.

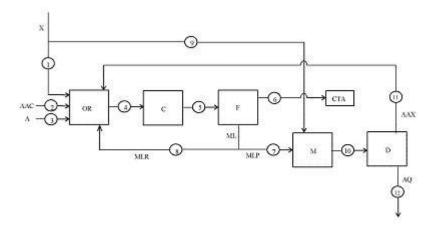


Figure 1

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

(22) Date of filing of Application :20/02/2014

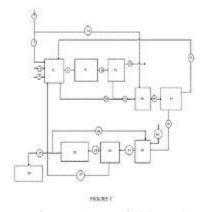
(43) Publication Date: 13/11/2015

$(54) \ Title\ of\ the\ invention: A\ CATALYST\ RECOVERY\ AND\ RECYCLING\ PROCESS\ DURING\ AROMATIC\ CARBOXYLIC\ ACID\ PRODUCTION$

(51) International classification	:C07C63/307,C07C 51/00	(71)Name of Applicant: 1)RELIANCE INDUSTRIES LIMITED
(31) Priority Document No	:NA	Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV 222,
(32) Priority Date	:NA	NARIMAN POINT, MUMBAI- 400021, MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)JAIN SURESH SHANTILAL
(87) International Publication No	: NA	2)ADURI PAVANKUMAR
(61) Patent of Addition to Application Number	:NA	3)SHANKARAYANAN VIVEK
Filing Date	:NA	4)UPPARA PARASUVEERA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure provides a process for recovering and recycling a catalyst from the mother liquor generated during the production of aromatic carboxylic acids. The process comprises treating the mother liquor with an alkyl aromatic compound and further treating the first aqueous layer obtained with an ionic liquid to obtain a catalyst rich aqueous mixture. The catalyst rich aqueous mixture is recycled to the oxidation reactor.



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

(21) Application No.592/MUM/2014 A

(43) Publication Date: 13/11/2015

(19) INDIA

(22) Date of filing of Application :20/02/2014

(54) Title of the invention: PREPARATION OF PURE FINGOLIMOD HYDROCHLORIDE

(51) International classification	:C07C213/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CADILA HEALTHCARE LIMITED
(32) Priority Date	:NA	Address of Applicant :CADILA HEALTHCARE LIMITED ZYDUS
(33) Name of priority country	:NA	TOWER, SATELLITE CROSS ROADS AHMEDABAD-380015 Gujarat
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DWIVEDI SHRI PRAKASH DHAR
(61) Patent of Addition to Application Number	:NA	2)PARIHAR JAYPRAKASH AJITSINGH
Filing Date	:NA	3)SHARMA PIYUSH RAJENDRA
(62) Divisional to Application Number	:NA	4)GAJJAR SAMIR RAMESHBHAI
Filing Date	:NA	

(57) Abstract:

The present invention relates to Fingolimod or its pharmaceutically acceptable salts, containing less than about 0.05 percent area by HPLC of the impurity 2-amino-2-[2-(4-heptylphenyl) ethyl] propane-1,3-diol. The present invention also provides a composition comprising Fingolimod hydrochloride having a purity of greater than or equal to 99.3 percent by HPLC, and 2-amino-2-(4-(4-octylphenethyl) phenethyl) propane-1,3-diol in an amount greater than zero and less than 0.15 percent area by HPLC.

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

(22) Date of filing of Application :24/03/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR EXTRACTING A BUSINESS RULE EMBEDDED IN AN APPLICATION SOURCE CODE

(51) International classification	:G06F9/44	(71)Name of Applicant:
(31) Priority Document No	:NA	1)Tata Consultancy Services Limited
(32) Priority Date	:NA	Address of Applicant :Nirmal Building, 9th Floor, Nariman Point,
(33) Name of priority country	:NA	Mumbai 400021, Maharashtra, India. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MEHALINGAM, Tamildurai
(87) International Publication No	: NA	2)RAMASAMY, Sangeetha
(61) Patent of Addition to Application Number	:NA	3)SANTHANA KRISHNAN, Navaneetha Krishnan
Filing Date	:NA	4)VADIVEL, Marimuthu
(62) Divisional to Application Number	:NA	5)ANNAMALAI, Kumaran
Filing Date	:NA	

(57) Abstract:

Disclosed is a method and system for extracting a business rule embedded in an application source code. The method comprises creating a call structure of one or more programs present in the application source code by performing a control flow analysis on the application source code. The method further comprises recognizing one or more parent programs and one or more child programs for a parent program. The method further comprises grouping the parent program and the one or more child programs into a group. Also, the method comprises identifying one or more conditional statements. The one or more conditional statements comprise the business rule. The one or more conditional statements are identified by comparing the plurality of conditional statements with pre-defined patterns identified from the application source code, and determining a conditional statement comparing a variable with a hard-coded value. The method further comprises mapping the one or more conditional statements with the business rule.

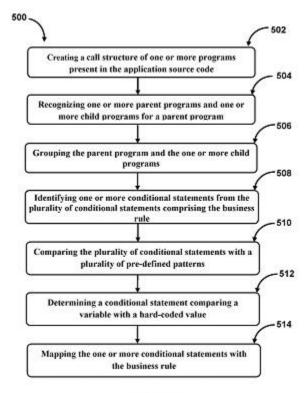


Figure 5

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

(22) Date of filing of Application :24/03/2014

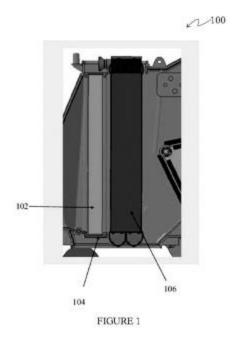
(43) Publication Date: 13/11/2015

(54) Title of the invention: AN HEATING VENTILATION AND AIR CONDITIONING (HVAC) FILTER ARRANGEMENT FOR A VEHICLE

(51) International classification	:B60H3/06,F24F 11/00	(71)Name of Applicant : 1)BEHR INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :29 Milestone, Pune Nasik Highway, Murhe
(32) Priority Date	:NA	Vasti, 410501 Village:Kuruli, Taluka: Khed, District: Pune, India
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAGHAVENDRA DEOLANKAR
(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	
(== 1.1		

(57) Abstract:

An HVAC filter arrangement for a vehicle having a filter mounted on a vibrating base, wherein the vibrating base is in the form of pads to provide controlled vibrations to the filter for dislodging dust particles captured in the filter. The filter arrangement further includes a control system to periodically induce vibrations in the vibrating base.



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

(22) Date of filing of Application :24/03/2014

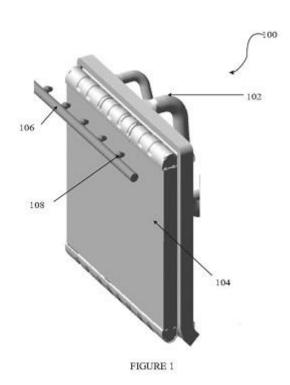
(43) Publication Date: 13/11/2015

(54) Title of the invention: A SYSTEM FOR CLEANING OF AN EVAPORATOR

(51) International classification	:F25B40/00, F25B45/00	(71)Name of Applicant : 1)BEHR INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :29 Milestone, Pune Nasik Highway, Murhe
(32) Priority Date	:NA	Vasti, 410501 Village:Kuruli, Taluka: Khed, District: Pune, India
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RAGHAVENDRA DEOLANKAR
(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	
(55) 11		1

(57) Abstract:

A system for cleaning an evaporator of an air conditioning system has been disclosed in the present disclosure. The system comprises a tank containing a cleaning fluid in fluid communication with a pump. The pump is adapted to pressurize the cleaning fluid and supply the pressurized cleaning fluid to at least one conduit disposed near an operative top of the evaporator. The system further comprises a plurality of spray nozzles configured on the conduit. The spray nozzles are adapted to atomize said pressurized cleaning fluid to an atomized cleaning fluid, and the atomized cleaning fluid is sprayed on the evaporator to remove dust accumulated on the evaporator. The system also comprises a tray disposed below the evaporator to receive a mixture of the cleaning fluid and dust and drain that mixture therefrom.



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

(22) Date of filing of Application :03/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : ELECTRODE FOR ELECTRIC-DISCHARGE SURFACE TREATMENT AND METHOD FOR FORMING ELECTRODE FOR ELECTRIC-DIS

(51) International classification	:C23C 26/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MITSUBISHI ELECTRIC CORPORATION
(32) Priority Date	:NA	Address of Applicant :MITSUBISHI ELECTRIC
(33) Name of priority country	:NA	CORPORATION OF 7-3, MARUNOUCHI 2-CHOME,
(86) International Application No	:PCT/JP2011/006497	CHIYODA-KU, TOKYO 100-8310, JAPAN;
Filing Date	:22/11/2011	NATIONALITY:JAPAN Japan
(87) International Publication No	:WO/2013/076761	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)SUMI, NOBUYUKI
Number	:NA	2)GOTO, AKIHIRO
Filing Date	.IVA	3)TERAMOTO, HIROYUKI
(62) Divisional to Application Number	:NA	4)YASUNAGA, YUSUKE
Filing Date	:NA	5)NAKANO, YOSHIKAZU

(57) Abstract:

An electrode for electric-discharge surface treatment, which is used in the electric-discharge surface treatment in which pulsed electric discharge is generated between the electrode and a base material in a machining fluid or in the air by using a green compact, which is formed by compressing powder of an electrode material, as the electrode, and by using energy of the electric discharge, a coating including the electrode material or a reaction product of the electrode material reacted by the electric discharge energy is formed on a surface of a base material, wherein a mixture of Si powder having an average particle diameter of not less than 0.3 UJTJ and not more than 10 urn and hard material powder having an average particle diameter of not less than 0.3 urn and not more than 10 urn is used as the electrode material.

No. of Pages: 33 No. of Claims: 8

(22) Date of filing of Application :03/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: DIAGNOSTIC METHOD FOR THE DETECTION OF CELLS EX VIVO

(51) International :G01N33/574,A61K39/395,A61K49/16 classification

(31) Priority Document :10004892.5

(32) Priority Date :07/05/2010

(33) Name of priority :EPO

country

(86) International

:PCT/EP2011/057400 Application No

:09/05/2011 Filing Date

(87) International :WO 2011/138462 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA (71)Name of Applicant:

1)F. HOFFMANN LA ROCHE AG

Address of Applicant: Grenzacherstrasse 124 CH 4070 Basel

Switzerland

(72) Name of Inventor: 1)DOBOSZ Michael 2)SCHEUER Werner

(57) Abstract:

Filing Date

The present invention relates in essence to a method for detecting a subset of cells with a binding domain which is specific for a target which ch method comprises detecting ex vivo said subset of cells wherein said binding domain is to be administered to a subject which comprises or is as cells prior to the removal of said subset of cells. The present invention also relates to the use of a binding domain as defined herein in a method domain as defined herein for the preparation of a diagnostic composition to be used in a method defined herein is also envisaged. In another asp binding domain as defined herein to be used in a method defined herein. Kits comprising a binding domain as defined herein and means to admi subject and optionally means to detect said binding domain with a method defined herein are also disclosed. In another aspect the present invent domain preferably a therapeutically effective antibody like for example

alemtuzumab apolizumab cetuximab epratuzumab galiximab gemtuzumab ipilimumab labetuzumab panitumumab rituximab trastuzumab nimot ICR62 rhMab B Ly1 and pertuzumab etc including combinations thereof for the preparation of a pharmaceutical composition for the treatment of to said binding domain as identified by a method defined herein.

No. of Pages: 51 No. of Claims: 15

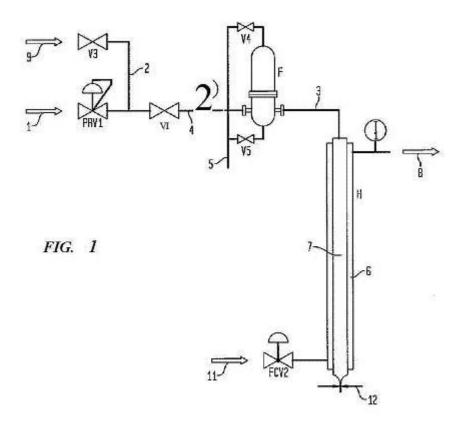
(22) Date of filing of Application :03/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD FOR PRODUCING STERILE CRYOGENIC LIQUID

(51) International classification	:F17C9/00	(71)Name of Applicant:
(31) Priority Document No	:12/778299	1)LINDE AKTIENGESELLSCHAFT
(32) Priority Date	:12/05/2010	Address of Applicant :Klosterhofstr. 1 80331 Munich
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/US2011/033202	(72)Name of Inventor:
Filing Date	:20/04/2011	1)LEE Ron C.
(87) International Publication No	:WO 2011/142945	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for producing a sterile cryogenic fluid from a cryogenic gas by sterilizing the cryogenic gas and using a heat exchanger to liquefy the sterile cryogenic stream. The discharge rate of the sterile cryogenic fluid is controlled by sizing the discharge orifice and setting a predetermined pressure of the sterile cryogenic fluid.



No. of Pages: 18 No. of Claims: 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10117/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : MULTI-CHANNEL COMMUNICATION STATION FOR COMMUNICATING A MULTI-CHANNEL PPDU AND METHODS OF REDUCING COLLISIONS ON SECONDARY CHANNELS IN MULTI-CHANNEL WIRELESS NETWORKS

(51) International classification (31) Priority Document No	:H04W :12/825,843	(71)Name of Applicant: 1)INTEL CORPORATION
(32) Priority Date	:29/06/2010	Address of Applicant :2200 MISSION COLLEGE BLVD.Â
(33) Name of priority country	:U.S.A.	SANTA CLARA Â CA 95052Â USA U.S.A.
(86) International Application No	:PCT/US2011/042052	(72)Name of Inventor:
Filing Date	:27/06/2011	1)PARKÂ Minyoung
(87) International Publication No	: NA	2)STACEY Robert J.
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of a very-high throughput communication station and method for communicating on a primary channel and up to three or more secondary channels are generally described herein. Short-preamble detection may be performed during a contention window to detect packet transmissions on anyone of the secondary channels starting within the contention window. Guard-interval detection is also performed during the contention window to detect a guard interval of a packet transmission on anyone of the secondary channels. The short-preamble detection and the guard-interval detection may be performed concurrently during the contention window to determine if any of the secondary channels are busy.

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

(22) Date of filing of Application :03/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: LIGHTING APPARATUS AND IMAGE DISPLAY APPARATUS PROVIDED THEREWITH

(51) International

:F21S2/00,F21V29/00,G02F1/1333

classification (31) Priority Document No

:2010-150276

(32) Priority Date (33) Name of priority country

:30/06/2010 :Japan

(86) International Application

:PCT/JP2011/052439

Filing Date

:04/02/2011

(87) International Publication

:WO 2012/001998 A1

:NA

:NA

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

(62) Divisional to Application Number

Filing Date

(71)Name of Applicant:

1)SHARP KABUSHIKI KAISHA

Address of Applicant: 22 22 Nagaike cho Abeno ku Osaka shi

Osaka 5458522 Japan

(72)Name of Inventor:

1)KANDA Hirofumi 2)SUMIKAWA Masato

3)TAKAYAMA Takeshi

4)SAKAI Kovu

5)MORI Keiko

(57) Abstract:

Provided is a lighting apparatus and an image display apparatus provided therewith wherein heat dissipation capability can be improved while maintaining structural strength uneven brightness generated due to uneven heat distribution can be inhibited and the image display apparatus can be made to be thinner. In a heat conductive member (6) a light source holding section which has a face facing a light entering face of a light guiding member and a plate formed section which has a face facing a light exiting face of the light guiding member and a face facing a heat dissipation member (5) are formed adjacent to each other. At the light source holding section a light source (7) is arranged on the face facing the light entering face of the light guiding member in a direction facing towards the light entering face and the face of the plate formed section facing the heat dissipation member (5) is made to come in contact with the face of the heat dissipation member (5) facing the light guiding member. At the plate formed section the center of gravity of the plate formed section is biased in both a direction parallel to the light entering face and a direction parallel to the light exiting face.

No. of Pages: 99 No. of Claims: 13

(22) Date of filing of Application :03/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: TIRE INFLATION SYSTEM WITH DISCRETE DEFLATION CIRCUIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60C23/10 :61/369159 :30/07/2010 :U.S.A. :PCT/US2011/045955 :29/07/2011 :WO 2012/016178 :NA :NA :NA	(71)Name of Applicant: 1)HENDRICKSON USA L.L.C. Address of Applicant:500 Park Boulevard Suite 1010 Itasca Illinois 60143 1285 U.S.A. (72)Name of Inventor: 1)WILSON Matt 2)CERVANTEZ Jesse 3)PADULA Santo
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(57) Abstract:

A vehicle tire inflation system includes an air supply source in fluid communication with multiple tires of the vehicle. A pneumatic conduit extends between and is in fluid communication with the air supply source and the tires. Means are fluidly connected to the pneumatic conduit for enabling selective inflation and deflation of the tires. The means include a first pneumatic circuit for inflation of the tires and a second pneumatic circuit for deflation of the tires. The second pneumatic circuit is discrete from the first pneumatic circuit and is common to more than one of the tires. The means provides controlled deflation of the tires in the second pneumatic circuit based upon a predetermined condition preventing deflation of the tires until the vehicle is parked or limiting the deflation of the tires which in turn enables the tire inflation system to accommodate a desirable increased pressure in the tires.

No. of Pages: 68 No. of Claims: 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10128/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: AUTO SWITCHING SPRAYING APPARATUS

(51) International classification: F16K17/04,B05B1/32,B05B1/30 (71) Name of Applicant:

:1020100041700 (31) Priority Document No (32) Priority Date :04/05/2010 (33) Name of priority country :Republic of Korea (86) International Application

:PCT/KR2011/002434 No

:07/04/2011 Filing Date

(87) International Publication :WO 2011/139025

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

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

1)KYUNG NONG CORPORATION

Address of Applicant: (Seocho dong) 28 Hyoryeong ro 77

Seocho gu Seoul 137 070 Republic of Korea

(72) Name of Inventor:

1)LEE Yong Min

(57) Abstract:

The present invention relates to an auto switching spraying apparatus. The auto switching spraying apparatus of the present invention includes: a pipe body including at least one nozzle branch pipe and a backflow pipe for reversing the flow of water flowing through an upper opening into a branch area and supplying the water to the nozzle branch pipe; a pad disposed at the lower portion of the branch area; and a biasing unit elastically supported by a spring from a pipe body cover between the pad and the pipe body cover coupled to a lower opening of the pipe body to bias the pad toward the upper opening. According to the spraying apparatus of the present invention a flow passage for the nozzle branch pipe is automatically opened when water is supplied and automatically closed when the supply of water is halted. Therefore water leakage through the nozzle may be prevented after the supply of water is halted.

No. of Pages: 17 No. of Claims: 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10129/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: HEAT-TREATMENT FURNACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:03/06/2011 : NA :NA :NA :NA	1)Shin-Etsu Chemical Co. Ltd. Address of Applicant:6-1 Ohtemachi 2-chome Chiyoda-ku Tokyo 100-0004 Japan Japan (72)Name of Inventor: 1)Takashi MURAKAMI 2)Takenori WATABE 3)Hiroyuki OTSUKA
Filing Date	:NA :NA	

(57) Abstract:

The disclosed heat-treatment furnace \hat{A} used in a semiconductor-substrate heat-treatment step \hat{A} is characterized by the provision of a cylindrical core \hat{A} both ends of which have openings sized so as to allow insertion and removal of semiconductor substrates. This reduces standby time between batches during consecutive semiconductor heat treatment \hat{A} thereby improving productivity. Furthermore \hat{A} the use of a simple cylindrical shape for the structure of the core reduces the frequency at which gas-introduction pipe sections fail \hat{A} thereby decreasing the running cost of the heat-treatment process.

No. of Pages: 24 No. of Claims: 9

(22) Date of filing of Application :04/12/2012

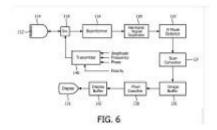
(43) Publication Date: 13/11/2015

(54) Title of the invention : ULTRASONIC VISUALIZATION OF PERCUTANEOUS NEEDLES INTRAVASCULAR CATHETERS AND OTHER INVASIVE DEVICES

(51) International classification	:A61B 8/00, A61B 8/08	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(31) Priority Document No	:12/745374	Address of Applicant :GROENEWOUDSEWEG 1
(32) Priority Date	:07/06/2010	EINDHOVEN EINDHOVEN 5621 BAÂ NETHERLANDS
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2010/054383	(72)Name of Inventor:
Filing Date	:29/09/2010	1)FERNANDEZ Anna Teresa
(87) International Publication No	:WO/2011/154782	2)XIE Hua
(61) Patent of Addition to Application	:NA	3)HALL Christopher Stephen
Number	:NA	4)GAUTHIER Thomas
Filing Date	.11/1	5)SOKKA Shunmugavelu
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An invasive medical device includes a fluid path of microbubbles which is imaged by ultrasound during use of the device. The fluid path extends through the device \hat{A} preferably to the distal end of the device \hat{A} so that the diffuse reflection of ultrasound from the microbubbles can be received to image the location of the device. The fluid path can be open \hat{A} terminating at the tip of the device \hat{A} or can be a closed path of a circulating microbubble fluid used for imaging and/or cooling. Fig.6



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

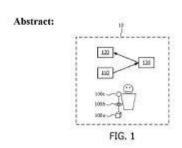
(22) Date of filing of Application :04/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR PRESENTING AN OPTION

(51) International classification	:G06F 3/01	(71)Name of Applicant:
(31) Priority Document No	:201010200702.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:10/06/2010	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:China	EINDHOVEN EINDHOVEN 5621 BAÂ NETHERLANDS
(86) International Application No	:PCT/IB2011/052413	Netherlands
Filing Date	:01/06/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)JINÂ Sheng
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of presenting an option comprises: calculating a movement range of an object; calculating an area of a display device based on the movement range; and presenting at least one option in the area of the display device . (Fig. 1).



No. of Pages: 18 No. of Claims: 15

(22) Date of filing of Application :04/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : METHOD AND SYSTEM FOR CROSS-STRATUM OPTIMIZATION IN APPLICATION-TRANSPORT NETWORKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04W 8/00 , H04L 12/56 :61/377,361 :26/08/2010 :U.S.A. :PCT/CN2011/079001 :26/08/2011 : NA :NA	(71)Name of Applicant: 1)Huawei Technologies Co. Ltd. Address of Applicant: Huawei Administration BuildingÂ Bantian Longgang District Shenzhen Guangdong 518129Â P.R. China. China (72)Name of Inventor: 1)LEE Young 2)XIA Yangsong 3)HARES Susan
- 1	:NA :NA :NA	

(57) Abstract:

An apparatus comprising an application cross-stratum optimization (CSO) gateway (ACG) configured to communicate with a plurality of servers at an application layer and a network CSO gateway (NCG) coupled to the ACG via an application-network interface (ANI) and configured to communicate with a plurality of network nodes at a plurality of network layers below the application layer wherein the ANI allows joint application-network resource allocation provisioning and optimization. Also disclosed is a network apparatus implemented method comprising receiving at a service controller in a service plane a resource reservation request from an application controller coupled to an application plane to enable an application for a user computing a path for the application allocating the resource for the path at a network plane using network maintained databases and forwarding a response with the allocated resource to the application plane via the service controller and the application controller.

No. of Pages: 52 No. of Claims: 21

(22) Date of filing of Application :04/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: COOLING AIR PURIFIER FOR AN ELECTRONIC INSTRUMENT

Filing Date :18/05/2011 1)Heinz WINKLER (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA	 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/05/2011 : NA :NA :NA :NA	
Filing Date :NA	. ,		

(57) Abstract:

The present invention relates to an air purifier for removing dirt from an airstream \hat{A} having a filter module \hat{A} which filter module comprises at least one permeable filter layer for accumulating the dirt on the filter layer. According to the invention \hat{A} a bypass channel is provided and constructed in such a manner that some of the airstream can pass by each filter layer unfiltered. Surprisingly \hat{A} the purifying action of the filter module scarcely suffers owing to such a bypass channel \hat{A} at least provided that the filter layer is not yet blocked with impurities \hat{A} since in this case the majority of the airstream \hat{A} in the absence of resistance \hat{A} takes the primarily provided way through the filter layer. Only when the filter layer becomes blocked and the resistance to the airstream increases there \hat{A} does air increasingly flow through said bypass channel.

No. of Pages: 31 No. of Claims: 23

(22) Date of filing of Application :04/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: SOLAR-POWERED DRYING HEATING AND AIR-CONDITIONING SYSTEM

(51) International classification	:F24J2/42, F26B3/28, B27K5/00	(71)Name of Applicant: 1)SOLARKILNS HOLDINGS PTY LTD
(31) Priority Document No	:2010902290	Address of Applicant :Level 1Â 158-160 Yarra StreetÂ
(32) Priority Date	:25/05/2010	Warrandyte Victoria 3113 Australia. Australia
(33) Name of priority country	:Australia	(72)Name of Inventor:
(86) International Application No	:PCT/AU2011/000635	1)Gregory WEIR
Filing Date	:25/05/2011	
(87) International Publication No	: NA	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA :NA	
Filing Date	INA	

(57) Abstract:

A system for drying or heating product using solar energy comprising an enclosure defining a kiln chamber in which a charge of the product is placed the enclosure having at each side of the chamber at least one passage through which air from the kiln chamber can pass to be heated by solar energy impinging on the enclosure and an air flow system comprising at least one fan for generating a circulating air flow within the kiln chamber whereby air passes from one side of the charge to the other and air supply means for drawing air into each passage from the bottom part of the kiln chamber at opposite sides of the charge to move through the passage into an upper portion thereof for discharge into an upper part of the kiln chamber through one or more outlets leading into the upper part of the kiln chamber.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10206/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention: HOLDING BRAKE WITH LOCKING MECHANISM

(51) International classification	:B66B5/18	(71)Name of Applicant:
(31) Priority Document No	:10166041.3	1)INVENTIO AG
(32) Priority Date	:15/06/2010	Address of Applicant :Seestrasse 55 CH 6052 Hergiswil
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/059608	(72)Name of Inventor:
Filing Date	:09/06/2011	1)STUDER Christian
(87) International Publication No	:WO 2011/157627	
(67) International Laboration IVO	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Holding brake (20) for use in a lift installation, which comprises a lift cage, a drive and a drive control, wherein a support means is movable by way of the drive and the lift cage is movable by way of this support means. The holding brake (20) is designed for application of a mechanical braking action relative to a guide rail (17) of the lift installation so that the lift cage after actuation of the holding brake (20) retains its vertical position. The holding brake (20) comprises a locking mechanism (21) which is designed so that it acts from two mutually opposite sides (S1, S2) on the guide rail (17). (Fig. 2)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10207/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012 (43) Publication Date: 13/11/2015

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

(51) International :H04W36/14,H04M3/00,H04W8/22 classification

(31) Priority Document No :2010129116 (32) Priority Date :04/06/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/056329

:17/03/2011

Filing Date

(87) International Publication :WO 2011/152102

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

:NA Filing Date (62) Divisional to Application :NA Number :NA (71)Name of Applicant:

1)NEC Corporation

Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo

1088001 Japan

(72)Name of Inventor:

1)NISHIDA Katsutoshi 2)TAMURA Toshiyuki

(57) Abstract:

Filing Date

A mobile communication method comprises: a step in which UE 1 transmits an "INVITE" to a P CSCF/VATF in a network where the UE 1 is existent; a step in which the P CSCF/VATF transmits the "INVITE" to an IMS; and a step in which the P CSCF/VATF allocates based on an allocation request signal received from the IMS an MGW 1 to the audio communication path.

No. of Pages: 28 No. of Claims: 3

(22) Date of filing of Application :05/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: WEB APPLICATION HOME BUTTON

(51) International classification :G06F17/00,G06F3/048,G06F9/44 (71)Name of Applicant :

(31) Priority Document No :12/814359 (32) Priority Date :11/06/2010 (33) Name of priority country :U.S.A.

(86) International Application

No Filing Date :PCT/US2011/038511 :31/05/2011

(87) International Publication :WO 2011/156172

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

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

1)MICROSOFT CORPORATION

Address of Applicant :One Microsoft Way Redmond

Washington 98052 6399 U.S.A.

(72)Name of Inventor:

1)KIM Jane T.

2) WILLIAMS Mary Lynne

3)HALL Martin J. 4)HOLBROOK Jess S. 5)MORGAN Bruce A. 6)MALEK Alexander H.

7)HILERIO Israel

(57) Abstract:

Various embodiments provide a mechanism to allow end users to install web applications and websites onto their desktop. In accordance with one or more embodiments client side code can be utilized to allow developers associated with a website to define boundaries associated with user interaction and have those boundaries enforced by a run time engine. In at least some embodiments developers can provide through JavaScript code and/or HTML markup various configurations for the creation of a start menu shortcut navigation and so called jumplist integration.

No. of Pages: 88 No. of Claims: 15

(22) Date of filing of Application :05/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: CHECKPOINTS FOR A FILE SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:01/06/2011 :WO 2011/159476	(71)Name of Applicant: 1)MICROSOFT CORPORATION Address of Applicant: One Microsoft Way Redmond Washington 98052 6399 U.S.A. (72)Name of Inventor: 1)CARGILLE Jonathan M. 2)MILLER Thomas J. 3)TIPTON William R.
(86) International Application No	:PCT/US2011/038811	(72)Name of Inventor:
(87) International Publication No		2)MILLER Thomas J.
Number	:NA :NA	3) TIPTON WIIIAM R.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Aspects of the subject matter described herein relate to checkpoints for a file system. In aspects updates to the file system are organized into checkpoint buckets. When a checkpoint is desired subsequent updates are directed to another checkpoint bucket. After global tables have been updated for updates in the current checkpoint bucket a logical copy of the global tables is created. This logical copy is stored as part of the checkpoint data. To assist in recovery a checkpoint manager may wait until all updates of the current checkpoint bucket have been written to storage before writing final checkpoint data to storage. This final checkpoint data may refer to the logical copy of the global tables and include a validation code to verify that the checkpoint data is correct.

No. of Pages: 46 No. of Claims: 15

(22) Date of filing of Application :05/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : AQUEOUS ALKALINE ETCHING AND CLEANING COMPOSITION AND METHOD FOR TREATING THE SURFACE OF SILICON SUBSTRATES

(51) International classification :C09K13/00,C11D7/34,C11D7/36 (71)Name of Applicant: (31) Priority Document No :61/352831 1)BASF SE (32) Priority Date Address of Applicant: 67056 Ludwigshafen Germany :09/06/2010 (33) Name of priority country 2)BASF (CHINA) COMPANY LIMITED :U.S.A. (86) International Application (72)Name of Inventor: :PCT/IB2011/052418 1)FERSTL Berthold :01/06/2011 Filing Date 2)BRAUN Simon (87) International Publication 3)FEÄŸENBECKER Achim :WO 2011/154875 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

13nn+32 n+3 n3 nn+32 n+3 n22 nn+1An aqueous alkaline etching and cleaning composition for treating the surface of silicon substrates the said composition comprising: (A) a quaternary ammonium hydroxide; and (B) a component selected from the group consisting of water soluble acids and their water soluble salts of the general formulas (I) to (V): (R S0)X (I) R P0 (X) (II); (RO S0)X (III) RO P0 (X) (IV) and [(RO)P0] X (V); wherein the n=1 or 2; X is hydrogen or alkaline or alkaline earth metal; the variable R1 is an olefinically unsaturated aliphatic or cycloaliphatic moiety and R is R or an alkylaryl moiety; the use of the composition for treating silicon substrates a method for treating the surface of silicon substrates and methods for manufacturing devices generating electricity upon the exposure to electromagnetic radiation.

No. of Pages: 43 No. of Claims: 30

(22) Date of filing of Application :05/12/2012

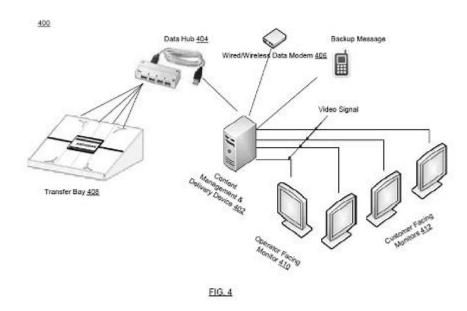
(43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR MANAGING AND DELIVERING DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:606F 15/16 :61/334,703 :14/05/2010	(71)Name of Applicant: 1)ANDAMAN INTERACTIVE Address of Applicant: PO Box 309 Ugland House Grand Cayman KY1-1104 Cayman Islands Cayman Island (72)Name of Inventor: 1)BARRETT COMISKEY 2)SCOT HASTINGS 3)LOGAN ADERMATT 4)ALANA CALVIN 5)LOREN HEIMAN 6)CHI LEE 7)JAKE SCHNACKENBERG 8)SAMUEL TARNG
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(57) Abstract:

In accordance with at least some embodiments of the present disclosure \hat{A} methods and apparatuses for delivering data to a plurality of destination nodes are presented. One example method may include in response to a request to deliver the data \hat{A} determining a first transport for a first destination node based on availability of and/or network condition associated with the first transport \hat{A} sending the data to the first destination node via the first transport \hat{A} and determining whether to resend the data based on a delivery option extracted from the request. FIG. 4



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

(22) Date of filing of Application :05/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention: ASSOCIATION OF XANTHINE OXIDASE INHIBITORS AND STATINS AND USE THEREOF

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country	:A61K 31/426, A61K 31/22, A61K 31/366 :RM 2010 A 000231 :10/05/2010 :Italy	(71)Name of Applicant: 1)MENARINI INTERNATIONAL OPERATIONS LUXEMBOURG S.A. Address of Applicant: 1 Avenue de la Gare L-1611 Luxembourg Luxembourg. Luxembourg (72)Name of Inventor:
(86) International Application No Filing Date	:PCT/EP2011/057343 :06/05/2011	1)MELANIÂ Francesco 2)GIULIANI Sandro
(87) International Publication No	: NA	3)MAGGI Carlo Alberto
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the association of active principles \hat{A} i.e. of a xanthine oxidase inhibitor with one or more HMG CoA reductase inhibitors \hat{A} pharmaceutical compositions comprising said active principles \hat{A} for use in a human or veterinary therapeutic treatment \hat{A} and methods for the preparation thereof.

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

(21) Application No.10217/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : ASSOCIATION OF XANTHINE OXIDASE INHIBITORS AND ANGIOTENSIN II RECEPTOR ANTAGONISTS AND USE THEREOF

(51) International classification	:A61K 31/426 , A61K 31/22 , A61K 31/366	(71)Name of Applicant: 1)MENARINI INTERNATIONAL OPERATIONS LUXEMBOURG S.A.
(31) Priority Document No	:RM 2010 A 000232	Address of Applicant :1 Avenue de la Gare L-1611
(32) Priority Date	:10/05/2010	Luxembourg Luxembourg. Luxembourg
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/057438	1)MELANIÂ Francesco
Filing Date	:09/05/2011	2)GIULIANI Sandro
(87) International Publication No	: NA	3)MAGGI Carlo Alberto
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to an association of active principles \hat{A} i.e. of a xanthine oxidase inhibitor with one or more angiotensin II receptor antagonists \hat{A} pharmaceutical compositions comprising said active principles \hat{A} for use in a therapeutic treatment in humans or animals \hat{A} and methods for the preparation thereof.

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

(22) Date of filing of Application :05/12/2012

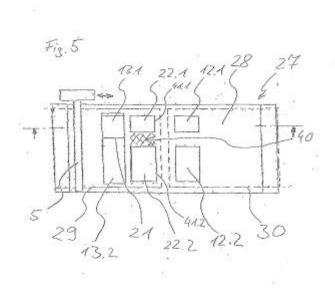
(43) Publication Date: 13/11/2015

(54) Title of the invention : BUILDING-SPACE CHANGING DEVICE AND AN APPARATUS FOR PRODUCING A THREE-DIMENSIONAL OBJECT WITH A BUILDING-SPACE CHANGING DEVICE

(51) International classification	:B29C 67/00 , B22F 3/105	(71)Name of Applicant: 1)EOS GMBH ELECTRO OPTICAL SYSTEMS
(31) Priority Document No	:10 2010 020 416.1	Address of Applicant :Robert-Stirling-Ring 1Â 82152
(32) Priority Date	:12/05/2010	Krailling Germany. Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/002302	1)Johann OBERHOFER
Filing Date	:09/05/2011	2)Robert EICHNER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A means for modifying a building space for a device for manufacturing a three-dimensional object by layerwise solidification of a powdery building material at the locations corresponding to the object in the respective layers comprises one or several small supports (32) or one or several building space partitioning elements (20) on a building platform (2) \hat{A} thereby the device has one or several small building areas (22.1 \hat{A} 22.2 \hat{A} 22.3) \hat{A} in which the powdery material may be efficiently used and different powder materials may be processed.



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

(22) Date of filing of Application :05/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : PROCESS FOR PRODUCING GLASS SUBSTRATE PROVIDED WITH ALUMINUM OXIDE-CONTAINING SILICON OXIDE FILM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/06/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)Asahi Glass Company Limited Address of Applicant:5-1 Marunouchi 1-chome Chiyoda-ku TOKYO 100-8405 Japan. Japan (72)Name of Inventor: 1)Yuichi Kuwahara 2)Keisuke Abe
Filing Date	:NA	

(57) Abstract:

To provide a process for producing a glass substrate provided with an aluminum oxide-containing silicon oxide film having a low refractive index and a high light transmittance, with good production efficiency, with which an aluminum oxide-containing silicon oxide film excellent in the moisture resistance can be directly formed on a glass substrate or a glass ribbon at high temperature. (1) A process for producing a glass substrate provided with an aluminum oxidecontaining silicon oxide film, which comprises applying a coating liquid containing an organopolysiloxane and an organic aluminum complex to a glass substrate within a temperature range of from 400 to 650°C to form an aluminum oxide-containing silicon oxide film on the glass substrate, and (2) a process for producing a glass substrate comprising forming molten glass into a glass ribbon, annealing the glass ribbon and cutting it to produce a glass substrate, wherein a coating liquid containing an organopolysiloxane and an organic aluminum complex is applied to the glass ribbon at a position where the glass ribbon is within a temperature range of from 400 to 650°C to form an aluminum oxide-containing silicon oxide film on the glass ribbon.

No. of Pages: 30 No. of Claims: 19

(22) Date of filing of Application :07/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SUPPORTING OPERATOR SPECIFIC PROFILES IN WIRELESS COMMUNICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M 1/725, H04L 29/08 :61/357,144 :22/06/2010 :U.S.A. :PCT/US2011/041518 :22/06/2011 : NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP AdministrationÂ 5775 Morehouse Drive San Diego California 92121-1714Â USA U.S.A. (72)Name of Inventor: 1)VEEREPALLI Sivaramakrishna 2)SAHU Debesh Kumar 3)SANTAELLA Tomas Galvez
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(57) Abstract:

Methods and apparatuses are provided that facilitate providing one or more profiles to an application executing on a device. The application can request one or more profiles \hat{A} which can relate to an application type. The application type can be specified in the profile request \hat{A} determined based on a profile indicated in the profile request \hat{A} etc. Where the application type corresponds to an operator-specific application type \hat{A} one or more operator identifiers in the profile request can be verified with one or more other operator identifiers in an identity module of the device. Where the operator identifiers match \hat{A} the requested profile can be provided to the application. Where the operator identifiers do not match \hat{A} an invalid profile \hat{A} error code \hat{A} etc. can be provided to the application. In this regard \hat{A} operators can control utilization of specific profiles that can be defined by the operator.

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

(22) Date of filing of Application :07/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD AND SYSTEM FOR APPLYING 3D SWITCH PANEL IN INSTANT MESSAGING TOOL

(51) International classification	:G06F 9/44 , G06F 3/048	(71)Name of Applicant: 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(31) Priority Document No	:201010196369.6	LIMITED
(32) Priority Date	:09/06/2010	Address of Applicant :4/FÂ East 2 Block. SEG ParkÂ
(33) Name of priority country	:China	Zhenxing Rd. Futian District Shenzhen Guangdong 518044Â
(86) International Application No	:PCT/CN2011/071234	P.R. China China
Filing Date	:24/02/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)GAO Shundong
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	2)XIE Weiwen
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses a method and system for applying 3D switch panel in instant messaging tool the method includes the following steps: creating a window and creating a plane model according to the window; receiving a command for triggering rotation; and rotating the plane model to drive the interface window of the instant messaging tool to rotate. The adoption of the method and the system provided in the present invention can use the 3D to switch panels of the instant messaging tool which can satisfy usersâ€TM individual demands and improves the usability of the instant messaging tool.

No. of Pages: 20 No. of Claims: 12

(22) Date of filing of Application :07/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : METHOD APPARATUS AND SYSTEM FOR PROCESSING FIRMWARE BASED ON FIRMWARE OVER THE AIR TECHNOLOGY

(51) T	11041 1/00	(71)NI CA 10 4
(51) International classification	:H04L 1/00	(71)Name of Applicant:
(31) Priority Document No	:201010268847.X	1)HUAWEI DEVICE CO. LTD.
(32) Priority Date	:27/08/2010	Address of Applicant :Building B2Â Huawei Industrial
(33) Name of priority country	:China	Base Bantian Longgang District Shenzhen Guangdong
(86) International Application No	:PCT/CN2011/075701	518129Â P.R. China China
Filing Date	:14/06/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)LIÂ Xiangyu
(61) Patent of Addition to Application	:NA	2)LEI Peng
Number		3)ZHONG Ming
Filing Date	:NA	4)JIA Zhifeng
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(F7) A1		

(57) Abstract:

Embodiments of the present invention provide a method for processing firmware based on a firmware over the air technology \hat{A} an apparatus \hat{A} and a system. The method includes: performing check processing on at least one firmware upgrade file to form first check data; performing encryption processing on the first check data to form first encryption data; and combining the first encryption data \hat{A} the first check data \hat{A} and the firmware upgrade file to a firmware upgrade package \hat{A} and sending the firmware upgrade package through an air interface to a mobile terminal. The apparatus includes: a checking module \hat{A} an encrypting module \hat{A} and a processing module. The system includes: a server and a mobile terminal. The embodiments of the present invention \hat{A} by performing check \hat{A} encryption \hat{A} and combination processing on the firmware upgrade file \hat{A} quickly implements upgrade of multiple pieces of firmware \hat{A} and improves security of the mobile terminal.

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

(22) Date of filing of Application :07/12/2012 (43) Publication Date : 13/11/2015

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of riority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06T 7/20 , G06F 3/01 :2010-136399 :15/06/2010 :Japan :PCT/JP2011/057944 :30/03/2011 : NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant:1-7-1 Konan Minato-ku Tokyo 1080075 Japan (72)Name of Inventor: 1)OSAMU SHIGETA 2)TAKURO NODA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

There is provided a gesture recognition device that recognizes a gesture of shielding the front side of the imaging sensor, the gesture recognition device including a first detection unit that detects a change in a captured image between a state in which a front side of an imaging sensor is not shielded and a state in which the front side of the imaging sensor is shielded, and a second detection unit that detects a region in which a gradient of, a luminance value of the captured image is less than a threshold value in the captured image in the state in which the front side of the imaging sensor is shielded.

No. of Pages: 47 No. of Claims: 15

(22) Date of filing of Application :05/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : APPARATUS CONFIGURED TO DETECT GAS USAGE METHOD OF PROVIDING SAME AND METHOD OF DETECTING GAS USAGE

(51) International classification	:G01D 4/00 , F23N 1/00 , F24C 3/12	(71)Name of Applicant: 1)BELKIN INTERNATIONALÂ INC.
(31) Priority Document No	:12/780,713	Address of Applicant: 12045 East Waterfront Drive Playa
(32) Priority Date	:14/05/2010	Vista CA 90094 United States of America. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/034643	1)PATEL Shwetak N.
Filing Date	:29/04/2011	2)GUPTA Sidhant
(87) International Publication No	: NA	3)REYNOLDS Matthew S.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In some embodiments an apparatus can be configured to detect gas usage. The apparatus can include: (a) a processing module configured to run on a computational unit; and (b) a sensing unit configured to be coupled to a gas regulator the sensing unit having: (1) at least one acoustic sensor configured to detect two or more acoustic signals produced by the gas regulator and convert the two or more acoustic signals into one or more first data signals; and (2) a transmitter electrically coupled to the at least one acoustic sensor and configured to transmit the one or more first data signals to the computational unit. The processing module is configured to use the one or more first data signals to determine the gas usage. Other embodiments are disclosed.

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

(22) Date of filing of Application :05/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: CROSS-STRATUM OPTIMIZATIN PROTOCOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L 29/10 :61/377,352 :26/08/2010 :U.S.A. :PCT/CN2011/079006 :26/08/2011 : NA :NA	(71)Name of Applicant: 1)Huawei Technologies Co. Ltd. Address of Applicant: Huawei Administration BuildingÂ Bantian Longgang District Shenzhen Guangdong 518129Â P.R. China China (72)Name of Inventor: 1)LEE Young 2)XIA Yangsong
		2)XIA Yangsong
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus comprising an application cross-stratum optimization (CSO) gateway (ACG) coupled to an application layer that handles a plurality of servers a network CSO gateway (NCG) coupled to a network layer that handles a plurality of network nodes and configured to communicate with the ACG using a CSO protocol (CSOP) and a CSO interface established between the ACG and the NCG that enables the exchange of a plurality of CSOP messages to allow joint application-network resource allocation provisioning and optimization. Also disclosed is a network apparatus implemented method comprising sending a user profile from a user plane to an application plane sending an application profile from the application plane to a network plane via a CSO interface between an ACG and a NCGÂ and sending network capability information from the network plane to the application plane via the CSO interface.

No. of Pages: 54 No. of Claims: 39

(21) Application No.10222/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "ACRYLIC THERMOPLASTIC RESIN AND MOLDED OBJECT THEREOF†•

(51) International classification	:C08F 220/12, C08F 222/40, C08J 5/18	(71)Name of Applicant: 1)ASAHI KASEI CHEMICALS CORPORATION
(31) Priority Document No	:2010-123065	Address of Applicant :1-105 Kanda Jinbocho Chiyoda-
(32) Priority Date	:28/05/2010	ku Tokyo 1018101 Japan Japan
(33) Name f priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2011/062283	1)YONEMURA Masami
Filing Date	:27/05/2011	2)KIMURA Mayuko
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The absolute value of a photoelastic coefficient (C) of the acrylic thermoplastic resin is not greater than 3.0×10^{-12} Pa_1. The halogen atom content is less than 0.47% by mass with reference to the mass of the acrylic thermoplastic resin.

No. of Pages: 93 No. of Claims: 18

(22) Date of filing of Application :05/12/2012 (43) Publication Date : 13/11/2015

(54) Title of theinvention: "METHOD FOR PRODUCING BAUXITE-BASED HOLLOW CORUNDUM SPHERE†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) Intrnational Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/05/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)JIANGSU JINGBANG NEW MATERIAL CO. LTD Address of Applicant: No. 91th Huashan Road The Economic Development Zone of Suyu Suqian Jiangsu 223801Â China China (72)Name of Inventor: 1)WANGÂ Jiabang
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for producing bauxite-based hollow corundum sphere comprises the steps of: using high alumina bauxite as raw material, introducing desilication material, smelting and refining in a three phase alternating current submerged arc furnace or direct current submerged arc furnace, blowing compressed air and sieving to obtain hollow corundum sphere with particle size of 0.2-5 mm. The method utilizes bauxite with low cost as raw material, refines it by adding the desilication material during the smelting process, and then blows the molten aluminum oxide to produce hollow corundum sphere. Thus the production cost of hollow corundum sphere is greatly reduced, and the service temperature of the hollow corundum sphere is similar to that of the hollow alumina sphere. The bauxite-based hollow corundum sphere has high compression strength, and exhibits higher mechanical strength and service temperature in comparison with the aluminum oxide insulating material produced by the burnt-out content addition method, foam method and gas generating method. The bauxite-based hollow corundum sphere is suitable to be used as aggregate of light casting material and has low damage rate during the construction process.

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

(21) Application No.10242/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR MANUFACTURING FIBER OPTIC STRANDS

(51) International classification	:C03C25/12,C03B37/12	(71)Name of Applicant:
(31) Priority Document No	:2010134387	1)Fujikura Ltd.
(32) Priority Date	:11/06/2010	Address of Applicant :5 1 Kiba 1 chome Koto ku Tokyo
(33) Name of priority country	:Japan	1358512 Japan
(86) International Application No	:PCT/JP2011/063273	(72)Name of Inventor:
Filing Date	:09/06/2011	1)OKADA Kenji
(87) International Publication No	:WO 2011/155570	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In the disclosed method for manufacturing fiber optic strands an optical fiber base material is melted and spun to form a bare optical fiber; a cladding layer comprising a resin is provided around the bare optical fiber forming a fiber optic strand intermediate; the cladding layer of said fiber optic strand intermediate is subjected to initial curing; pressure is applied to the outside of the fiber optic strand intermediate; and the cladding layer of the fiber optic strand intermediate is cured again while under pressure.

No. of Pages: 48 No. of Claims: 10

(21) Application No.10243/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: MELTING EQUIPMENT

(51) International classification(31) Priority Document No(32) Priority Date	:F23J3/00,F23G5/00,F23G5/16 :2010-134194 :11/06/2010	(71)Name of Applicant: 1)MITSUBISHI HEAVY INDUSTRIES ENVIRONMENTAL & CHEMICAL ENGINEERING CO.
(33) Name of priority country	:Japan	LTD.
(86) International Application No Filing Date	:PCT/JP2011/063364 :10/06/2011	Address of Applicant :4 2 Minatomirai 4 chome Nishi ku Yokohama shi Kanagawa 2200012 Japan
(87) International Publication No		(72)Name of Inventor:
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	1)SATO Jun 2)KITTA Takehiro 3)SHIRAI Toshimasa
(62) Divisional to Application Number Filing Date	:NA :NA	4)SAITO Yoshihisa 5)YAEGASHI Eri

(57) Abstract:

The disclosed melting equipment comprises: a melting furnace that combusts and melts ash; a secondary combustion chamber provided above the melting furnace; a slag extraction chute that guides slag produced in the melting furnace downwards; a bypass channel (20) that connects the secondary combustion chamber to the slag extraction chute; an ejector (22) that is provided within the bypass channel (20) has a narrowed section (23) with a narrowed cross section and suctions a combustion exhaust gas (G) into the bypass channel (20); and an accretion prevention means (31 41) that prevents substances mixed in with the combustion exhaust gas (G) from accreting on the inner walls (21a) of the ejector (22).

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

(21) Application No.10246/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : NOVEL 3 5 DISUBSTITUED 3H IMIDAZO[4 5 B]PYRIDINE AND 3 5 DISUBSTITUED 3H [1 2 3]TRIAZOLO[4 5 B] PYRIDINE COMPOUNDS AS MODULATORS OF PROTEIN KINASES

(51) International

:C07D471/04,A61K31/437,A61K31/4709

classification

(31) Priority Document :1377/CHE/2010

No

(32) Priority Date :17/05/2010

(33) Name of priority

:India

country

(86) International :PCT/IB2011/052120

Application No Filing Date

:13/05/2011

(87) International

:WO 2011/145035

Publication No (61) Patent of Add

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

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

(71)Name of Applicant:

1)INCOZEN THERAPEUTICS PVT. LTD.

Address of Applicant: "Spectrum" Discovery Zone SP Biotech Park Phase I Shameerpet Hyderabad 500 078 Andhra Pradesh

India

2)RHIZEN PHARMACEUTICALS SA

(72) Name of Inventor:

1)MUTHUPPALANIAPPAN Meyyappan

2)VISWANADHA Srikant

3)BABU Govindarajulu

4) VAKKALANKA Swaroop K. V. S.

(57) Abstract:

The present invention provides inter alia compounds of formula ?? ??? and III as protein kinase modulators methods of preparing them pharmaceutical compositions containing them and methods of treatment prevention and/or amelioration of kinase mediated diseases or disorders with them.

No. of Pages: 247 No. of Claims: 66

(22) Date of filing of Application :06/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: FIBRONECTIN BASED SCAFFOLD PROTEINS HAVING IMPROVED STABILITY

(51) International classification	:C07K14/78,C07K16/28	(71)Name of Applicant:
(31) Priority Document No	:61/348663	1)BRISTOL MYERS SQUIBB COMPANY
(32) Priority Date	:26/05/2010	Address of Applicant :P.O. Box 4000 Route 206 & Province
(33) Name of priority country	:U.S.A.	Line Road Princeton NJ 08543 4000 U.S.A.
(86) International Application No	:PCT/US2011/038013	(72)Name of Inventor:
Filing Date	:26/05/2011	1)CAMPHAUSEN Ray
(87) International Publication No	:WO 2011/150133	2)OLOUGHLIN John
(61) Patent of Addition to Application	:NA	3)YEUNG Bernice
Number	:NA	4)ZHANG Yihong
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present application provides fibronectin based scaffold proteins associated with improved stability. The application also relates to stable formulations of fibronectin based scaffold proteins and the use thereof in diagnostic research and therapeutic applications. The application further relates to cells comprising such proteins polynucleotides encoding such proteins or fragments thereof and to vectors comprising such polynucleotides.

No. of Pages: 83 No. of Claims: 46

(22) Date of filing of Application :06/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: CONVEYOR BELT AND MODULE WITH HOOKED CONNECTION AND ASSOCIATED METHOD

(51) International classification	:B65G 17/08 , B65G 17/40	(71)Name of Applicant: 1)LAITRAMÂ L.L.C.
(31) Priority Document No	:12/779,525	Address of Applicant: Legal Department 200 Laitram
(32) Priority Date	:13/05/2010	Lane Harahan Louisiana 70123 United States of America.
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/031882	(72)Name of Inventor:
Filing Date	:11/04/2011	1)David WEISER
(87) International Publication No	: NA	2)Gilbert J. MACLACHLAN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)Terral A. RIDGELL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A modular plastic conveyor belt constructed of belt modules having hooked structure to hold belt rows (70) together during splicing for easier hinge-rod insertion and to accommodate an elongated belt edge portion (14) permitting hinge-rod (32) growth and a method for splicing such a belt together. The modules include a pivot end ($62\hat{A}$ 114) that hooks into a mating receptacle ($48\hat{A}$ 96) on the module of a consecutive belt row. An aperture ($122\hat{A}$ 124) through the receptacle (96) and the pivot end (114) is aligned with the apertures (30) of other hinge elements to form a lateral passageway for a hinge rod (32).

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

(22) Date of filing of Application :06/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention: "NOVEL INTERGENIC ELEMENTS FOR ENHANCING GENE EXPRESSION†•

(51) International classification	:C12N 15/65, C12N 15/67	(71)Name of Applicant: 1)CELLAGENICS B.V
 (31) PriorityDocument No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	15/67 :61/354,822 :15/06/2010 :U.S.A. :PCT/NL2011/050433 :15/06/2011 :WO/2011/159157 :NA	Address of Applicant :Roetersstraat 35Â NL-1018 WB Amsterdam The Netherlands Netherlands (72)Name of Inventor :
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to nucleic acid fragments and constructs comprising genomic nucleotide sequences which are present upstream of Rb1 and p15C that are associated with intergenic transcription for the production of a gene product of interest in a eukaryotic preferably mammalian host cell in the presence of a stringent selectable marker. The invention further relates to host cells comprising the nucleic acid constructs to methods for generating the host cells and to methods for producing a gene product of interest using the host cells.

No. of Pages: 72 No. of Claims: 21

(22) Date of filing of Application :06/12/2012

(43) Publication Date: 13/11/2015

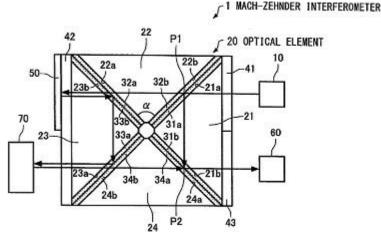
(54) Title of the invention: OPTICAL ELEMENT AND INTERFEROMETER

(51) International classification	:G01B 9/02, G02B 5/04	(71)Name of Applicant: 1)SIGMA KOKI CO. LTD.
(31) Priority Document No	:2010-136837	Address of Applicant :17-2Â Shimotakahagi-shindenÂ
(32) Priority Date	:16/06/2010	Hidaka-shi Saitama 350-1297 Japan. Japan
(33) Name of priority country	:Japan	2)HAMAMATSU PHOTONICS K.K.
(86) International Application No	:PCT/JP2011/054285	(72)Name of Inventor:
Filing Date	:25/02/2011	1)INOUEÂ Asami
(87) International Publication No	: NA	2)HIRATA Kazuya
(61) Patent of Addition to Application	:NA	3)ITO Daisuke
Number	:NA	4)HARAGUCHI Koshi
Filing Date	.IVA	5)SAKAMOTO Shigeru
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An optical element (20) is formed by bonding the faces of first to fourth triangular prisms (21 22 23 24) that form the apex angle wherein bonding faces (21a 22b) of the first and second triangular prisms bonding faces (22a 23b) of the second and third triangular prisms bonding faces (23a 24b) of the third and fourth triangular prisms and bonding faces (24a 21b) of the fourth and first triangular prisms are respectively bonded through an optical thin film. Each optical thin film allows the incident light to pass through or reflects the incident light depending on the polarization state. The optical element (20) splits an optical path at a first position of the optical thin film and combines optical paths at a second position of the optical thin film. Fig. 1





No. of Pages: 37 No. of Claims: 5

(22) Date of filing of Application :06/12/2012

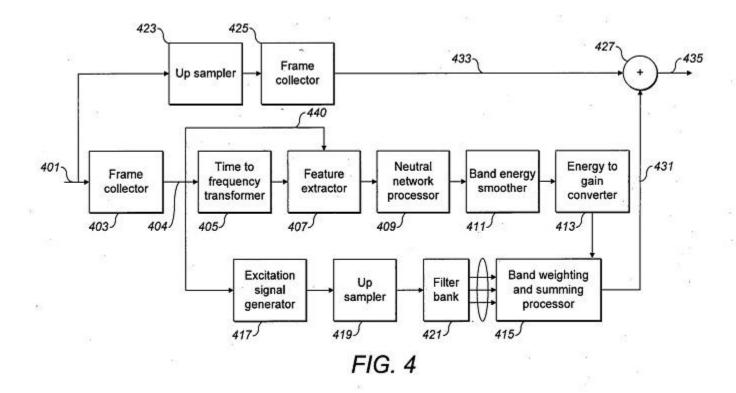
(43) Publication Date: 13/11/2015

(54) Title of the invention: A BANDWIDTH EXTENDER

(51) International classification(31) Priority Document No(32) Priority Date	:G10L 21/02, G10L 19/02 :NA :NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4Â FIN-02150 EspooÂ Finland Finland
 (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :PCT/IB2010/052315 :25/05/2010 : NA :NA :NA :NA	(72)Name of Inventor: 1)Ville Mikael Myllyla 2)Laura Laaksonen 3)Hannu Juhani Pulakka 4)Paavo Ilmari Alku

(57) Abstract:

An apparatus for extending the bandwidth of an audio signal the apparatus being configured to: generate an excitation signal from an audio signal wherein in the audio signal comprises a plurality of frequency components; extract a feature vector from the audio signal wherein the feature vector comprises at least one frequency domain component feature and at least one time domain component feature; determine at least one spectral shape parameter from the feature vector wherein the at least one spectral shape parameter corresponds to a sub band signal comprising frequency components which belong to a further plurality of frequency components; and generate the sub band signal by filtering the excitation signal through a filter bank and weighting the filtered excitation signal with the at least one spectral shape parameter.



No. of Pages: 73 No. of Claims: 36

(21) Application No.10226/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: SEMICONDUCTOR DEVICE ACTIVE MATRIX SUBSTRATE AND DISPLAY DEVICE

(51) International classification :H01L29/786,G02F1/1368,H01L21/336

(31) Priority Document

:2010-108488

No

(32) Priority Date :10/05/2010

(33) Name of priority country

:Japan

(86) International

:PCT/JP2011/060284

Application No Filing Date

:27/04/2011

(87) International Publication No

:WO 2011/142265 A1

(61) Patent of Addition to Application Number Filing Date

to :NA :NA

:NA

(62) Divisional to
Application Number

Filing Date :NA

(71)Name of Applicant:

1)SHARP KABUSHIKI KAISHA

Address of Applicant :22 22 Nagaike cho Abeno ku Osaka shi

Osaka 5458522 Japan

(72)Name of Inventor:

1)OKAZAKI Shoji

2)YANEDA Takeshi 3)NAKAMURA Wataru

4)KATSUI Hiromitsu

(57) Abstract:

The disclosed semiconductor device (18) is provided with: a gate electrode (102) provided on a substrate (101); a semiconductor layer (104) that is provided on top of the gate electrode (102) and contains a source region a drain region and a channel region; a source electrode (106) that is connected to the source region above the semiconductor layer (104); and a drain electrode (107) that is connected to the drain region above the semiconductor layer (104). In the area of the semiconductor layer (104) under the drain electrode (107) the semiconductor layer has a protrusion that protrudes outwards in the direction that a drain line from the drain electrode (107) extends. Towards the outside of the channel region sandwiched between the drain electrode (107) and the source electrode (106) the semiconductor layer (104) has an adjustment area in which the edge of the semiconductor layer (104) is located further inwards than the edge of the gate electrode (102).

No. of Pages: 48 No. of Claims: 11

(21) Application No.10227/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR THE PREPARATION OF A PARTICULATE REVERSIBLY CROSSLINKED POLYMERIC MATERIAL

(51) International classification(31) Priority Document No	1:C08F8/00,C08B11/10,C08B15/00 :NA	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:NA	Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:NA	U.S.A.
(86) International Application No Filing Date	:PCT/IB2010/001388 :08/06/2010	(72)Name of Inventor:1)MUKHERJEE Purnendu2)WASSERMAN Eric Paul
(87) International Publication No	:WO 2011/154759	
(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 method for the preparation of a particulate reversibly crosslinked polymeric material comprising: treating a particulate water soluble hydroxyl functional polymer in a liquid phase comprising a solvent mixture in that the hydroxyl functional polymer is insoluble containing an organic solvent and water; a tetracarboxylic acid dianhydride represented by formula (I) 10 (I) wherein: U and V are independently selected from CH N and P; 15 X is selected from a single bond a saturated divalent (C C) hydrocarbon group O S NR and PR wherein R is selected from hydrogen and (C C) alkyl; n and m are independently selected from 0 and 1; w is 1 or 2 with the proviso that; 20 if w is 1 then Y is X and if w is 2 then Y is selected from H and (C C) alkyl whereby there is no bond between both Y; and optionally a catalyst; to form a particulate reversibly crosslinked polymeric material and 25 to a particulate reversibly crosslinked polymeric material obtainable thereby.

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

(22) Date of filing of Application :07/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : "SIGNAL TRANSMISSION METHOD SIGNAL TRANSMISSION DEVICE AND SIGNAL RECEPTION DEVICE†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04N 13/00, H04N 7/173 :2010-136901 :16/06/2010 :Japan :PCT/JP2011/062852 :03/06/2011 : NA :NA	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1-7-1 Konan Minato-ku Tokyo 108-0075Â Japan (72)Name of Inventor: 1)NAOHISA KITAZATO
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A process of a 3D compatible terminal to which content is distributed is made convenient. Meta information and a control signal are transmitted together with content transmitted from a content server 10 in a predetermined transmission mode. The meta information includes information indicating whether the entirety of the content is 3D or a part thereof is 3D, information indicating whether this starts with 2D or 3D when a part thereof is 3D, and identification information of a 3D transmission method when the content is 3D. The control signal includes a signal for identifying 2D and 3D, that is, switching information.regarding switching timing between 2D and 3D. An encoding unit 154 encodes the content stored in a content storage unit 151, the meta information generated by a meta information generating unit 152, and the control signal generated by a control signal generating unit 153 in a predetermined encoding system. The meta information is inserted into a meta file or an MP4 container, for example, to be transmitted.

No. of Pages: 58 No. of Claims: 11

(22) Date of filing of Application :07/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention: "HYDROGEN PRODUCTION DEVICE†•

(51) International classification	:C01B 3/04 , B01J 35/02 , C25B 1/04	(71)Name of Applicant: 1)PANASONIC CORPORATION
(31) Priority Document No	:2010-199692	Address of Applicant :1006 Oaza Kadoma Kadoma-shiÂ
(32) Priority Date	:07/09/2010	Osaka 571-8501Â Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2011/004774	1)TOKUHIROÂ Kenichi
Filing Date	:26/08/2011	2)NOMURA Takaiki
(87) International Publication No	: NA	3)HATO Kazuhito
(61) Patent of Addition to Application	:NA	4)TANIGUCHI Noboru
Number	:NA	5)SUZUKI Takahiro
Filing Date	.NA	6)TAMURA Satoru
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The hydrogen production device of the present invention includes: a first electrode (120) including a conductive substrate (101) and a photocatalytic semiconductor layer (102); a second electrode (103) that is electrically connected to the first electrode (120) and disposed in a second region (123) opposite to a first region (122) relative to the first electrode (120), when the first region (122) is defined as a region on a side of a surface of the first electrode (120) in which the photocatalytic semiconductor layer (102) is provided; a water-containing electrolyte solution (106); and a housing (105) containing these. The first electrode (120) is provided with a through-hole (131) at a position and the second electrode (103) is provided with a through-hole (132) at a position corresponding to the position, and the through-holes form a communicating hole (130) for allowing the first region (122) and the second region (123) to communicate with each other. An ion exchange membrane (104) having substantially the same shape as the communicating hole (130) is disposed in the communicating hole (130) to close the communicating hole (130).

No. of Pages: 28 No. of Claims: 6

(22) Date of filing of Application :07/12/2012

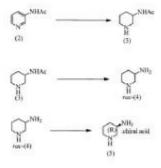
(43) Publication Date: 13/11/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A SINGLE ENANTIOMER OF 3-AMINOPIPERIDINE DIHYDROCHLORIDE

	(71)Name of Applicant:
(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :C07D 211/56, B01J 23/44, C07B 55/00 :61/355,692 :17/06/2010 :U.S.A. :PCT/US2011/04091: :WO/2011/160037 :NA :NA :NA	1)Dr. Reddyâ€ TM s Laboratories Limited Address of Applicant :8-2-337Â Road No. 3Â Banjara Hills Hyderabad 500034 Andhra Pradesh India Tamil Nadu India 2)Dr.Reddyâ€ TM s Laboratories Inc. (72)Nome of Inventor:

(57) Abstract:

A process comprising: (a) reduction of N-acetyl-3-aminopyridine (2): or its salt in the presence of hydrogen and a palladium catalyst deposited on solid support; (b) converting racemic N-acetyl-3-aminopiperidine (3) or its salt produced in step (a) to rac-3-aminopiperidine (rac-4) or its salt; (c) resolution of the racemic 3-aminopiperidine (rac-4) or its salt produced in step (b) with a chiral acid.



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

(22) Date of filing of Application :07/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : OBJECT PRODUCED BY THERMAL SPRAYING AND METHOD OF THERMAL SPRAYING THEREFOR

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C23C4/10 :NA :NA :NA :PCT/JP2010/059163 :24/05/2010 :WO 2011/148515 :NA :NA	(71)Name of Applicant: 1)NIPPON STEEL & SUMIKIN HARDFACING CO. LTD. Address of Applicant: 26 5 Kameido 6 chome Koto ku Tokyo 1360071 Japan (72)Name of Inventor: 1)YONEKURA Nobuo
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(57) Abstract:

The life of a coating film to be deposited by thermal spraying on a member having resistance to a molten metal is prolonged and adhesion of the molten metal is prevented. Disclosed is a molten metal resistant member having an area which comes into contact with a molten metal comprising Zn and/or Al and which has been coated with a film deposited by thermal spraying characterized in that the coating film was deposited using oxide ceramic thermal spraying particles having an average particle diameter of $10 \, \hat{A} \mu m$ or smaller in terms of median diameter by applying the particles by thermal spraying at a high flight velocity of $1 \, 000 \, m/s$ or more while regulating the particles during the flight so that only the surface thereof was in a semi molten state and the inner part thereof remained solid. Thus the resistance to corrosion by molten metals insulating properties resistance to corrosion by pickling and property of preventing molten metal adhesion have been enhanced.

No. of Pages: 34 No. of Claims: 6

(22) Date of filing of Application :07/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYSTEM AND METHOD FOR MAPPING SS7 BEARER CHANNELS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10/06/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)TRIASYS TECHNOLOGIES CORPORATION Address of Applicant: 227 Chelmsford Street ChelmsfordÂ Massachusetts 01824Â United States of America U.S.A. (72)Name of Inventor: 1)PATELÂ Jayesh 2)APOSTLE John C. 3)SEIFFERT Richard K.
Filing Date	:NA	

(57) Abstract:

A system and method for associating Signaling System 7 logical circuits and bearer channels are presented. The system may include an event detector configured to receive an SS7 signaling message on an SS7 signaling link parse a logical circuit from the SS7 signaling message receive an SS7 bearer channel and detect a bearer channel event on the SS7 bearer channel. A statistical learning model block is configured to calculate a correlation confidence value between said bearer channel and said logical circuit. The method may include parsing a logical circuit ID from a signaling message on an SS7 signal link identifying a bearer channel associated with a bearer event on a bearer circuit and calculating a current correlation confidence value between the logical circuit ID and the bearer channel.

No. of Pages: 37 No. of Claims: 24

(22) Date of filing of Application :07/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : AN ENERGY EFFICIENT METHOD FOR COMMUNICATION BETWEEN A WIRELESS SENSOR NETWORK AND AN INDUSTRIAL CONTROL SYSTEM

(51) International classification	·H04I 29/06 H04W84/18	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB RESEARCH LTD
(32) Priority Date	:NA	Address of Applicant : Affolternstrasse 44 CH 8050 ZÃ ¹ / ₄ rich
(33) Name of priority country	:NA	Switzerland
(86) International Application No	:PCT/EP2010/058236	(72)Name of Inventor:
Filing Date	:11/06/2010	1)GIDLUND Mikael
(87) International Publication No	:WO 2011/154051	2)LENNVALL Tomas
(61) Patent of Addition to Application	:NA	3)NEANDER Jonas
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention is a method for communication between a wireless device node in a wireless sensor network (WSN) and control apparatus or control processes of an industrial control system (ICS). The wireless network includes a plurality of device nodes and at least one gateway (GW). The method comprises receiving at a gateway an aggregated data packet (ADP) for a final address in the ICS. The gateway processes the data packet detects that it is an aggregated data packet and reconstructs the original data packets contained therein. The gateway then sends each of the original data packets as standard data packets to the intended final address in the ICS. In other aspects of the invention a method system and a computer program for carrying out the method are described.

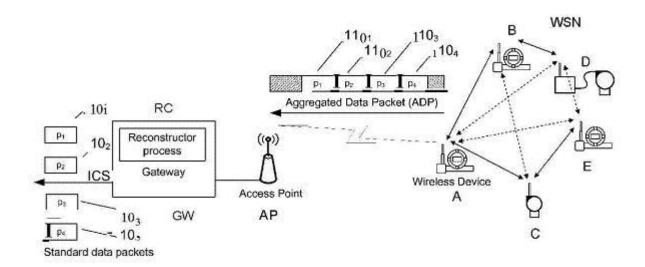


Fig 1

No. of Pages: 41 No. of Claims: 30

(21) Application No.10265/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention: ANTI FGFR2 ANTIBODIES

(51) International

:A61K39/00,A61K39/395,C07K16/00

classification

(31) Priority Document No :61/333590 (32) Priority Date :11/05/2010

(33) Name of priority

country

:U.S.A.

:NA

:WO 2011/143318

(86) International

:PCT/US2011/036085 Application No :11/05/2011

Filing Date (87) International

Publication No

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

Filing Date

(62) Divisional to :NA Application Number :NA

Filing Date

(71)Name of Applicant:

1)AVEO PHARMACEUTICALS INC.

Address of Applicant :75 Sidney Street Fourth Floor

Cambridge MA 02139 U.S.A.

(72)Name of Inventor:

1)WENG Zhigang

2)WINSTON William M. Jr.

3)BAI Ailin

4)MEETZE Kristan 5)WEILER Solly 6)CHEN Ting

7) GYURIS Jeno

(57) Abstract:

Monoclonal antibodies that bind and inhibit biological activities of human FGFR2 are disclosed. The antibodies can be used to treat cell proliferative diseases and disorders including certain forms of cancer associated with activation or overexpression of FGFR2.

No. of Pages: 103 No. of Claims: 43

(22) Date of filing of Application :07/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: ANTI HUMAN TROP 2 ANTIBODY HAVING ANTITUMOR ACTIVITY IN VIVO

(51) International classification	:C07K16/32, C12N 5/10	(71)Name of Applicant: 1)LIVTECH INC.
(31) Priority Document No (32) Priority Date	:2010113302 :17/05/2010	Address of Applicant :Teikyo University Biotechnology Research Center 1F 907 Nogawa Miyamae ku Kawasaki shi
(33) Name of priority country(86) International Application No Filing Date	:Japan :PCT/JP2011/061709 :17/05/2011	Kanagawa 2160001 Japan (72)Name of Inventor: 1)NAKAMURA Koji
(87) International Publication No	:WO 2011/145744 A1	2)OKAMURA Kentaro 3)TAMURA Maki
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	4)YANAI Hiroyuki 5)KANKE Toru
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

in vivoProvided are: an antibody which reacts specifically with hTROP 2 and has an antitumor activity; a hybridoma producing said antibody; a complex of said antibody with a drug; a medicinal composition for the diagnosis or treatment of tumor; a method for detecting tumor; and a kit for the detection or diagnosis of tumor.

No. of Pages: 173 No. of Claims: 68

(21) Application No.10267/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : A PLANT FOR TRANSMITTING HIGH VOLTAGE DC ELECTRIC POWER INCLUDING OVERVOLTAGE PROTECTION

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: Affolternstrasse 44 CH 8050 Zurich Switzerland (72)Name of Inventor: 1)HÄFNER Jurgen 2)JACOBSON Björn
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(57) Abstract:

A plant for transmitting electric power comprises a high voltage DC line (4 7) a DC breaker (8 13) connected in series with the DC line and configured to break a fault current upon occurrence of a fault on said DC line means (21) configured to detect occurrence of a fault current a control unit (22) configured to control a said DC breaker for protecting equipment connected to the DC line upon occurrence of a said fault current and means configured to dissipate energy stored in a faulty current path of the DC line between said location (23) and these means upon occurrence of a said fault to the moment of said control of said DC breaker. The energy dissipating means comprises a series connection of an energy consuming braking resistor (28) and a free wheeling rectifying member (29) connected between ground and said DC line to conduct current while forming a free wheeling path therethrough upon said control of said DC breaker upon occurrence of a said fault.

No. of Pages: 17 No. of Claims: 11

(22) Date of filing of Application :07/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: VEHICLE INTERIOR ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B60R21/20 :61/333534 :11/05/2010 :U.S.A. :PCT/US2011/036015 :11/05/2011 :WO 2011/143282	(71)Name of Applicant: 1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant:915 East 32nd Street Holland MI 49423 U.S.A. (72)Name of Inventor: 1)COWELCHUK Glenn A. 2)EVANS Gregg S.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A vehicle interior assembly that includes airbags and a method of forming thereof. The present invention is configured to use a drop in chute that while substantially affixed to the substrate is not permanently affixed against movement of the drop in chute relative to the substrate until the airbag intentionally ruptures the drop in chute. The present invention uses a 5 mm or less bilaminate material as the class A surface. To further improve assembly and manufacturing process the drop in chute is formed using a retention assembly that locks the drop in chute relative to the substrate. The retention assembly is configured to minimize movement of the drop in chute relative to the substrate. Through careful selection of the retention assembly as well as the bilaminate material and the thickness of the bilaminate material the visibility of unintended lines at seams illustrating the location of the drop in chute on the class A surface is minimized.

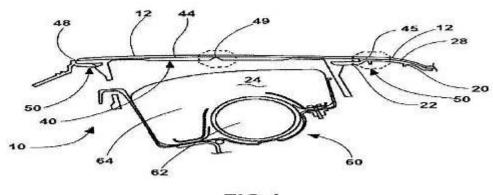


FIG.1

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

(21) Application No.10282/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention: VECTORS AND SEQUENCES FOR THE TREATMENT OF DISEASES

(51) International :A61K48/00,C12N15/68,C12N15/864

classification .A01R46/00,C12IN13/08,C12IN13/60

(31) Priority Document No :10382169.0 (32) Priority Date :10/06/2010

(33) Name of priority :EPO

country

(86) International :PCT/EP2011/059678

Application No Filing Date :10/06/2011

(87) International

Publication No :WO 2011/154520

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

Filing Date (62) Divisional to

Application Number Filing Date :NA (71)Name of Applicant:

1)LABORATORIOS DEL DR. ESTEVE S. A.

Address of Applicant : Avda. Mare de Déu de Montserrat

221 E 08041 Barcelona Spain

2)UNIVERSIDAD AUTONOMA DE BARCELONA

(72)Name of Inventor:

1)BOSCH TUBERT FÄ;tima 2)AYUSO LÄ"PEZ ĉduard 3)RUZO MATÃ • AS Albert

(57) Abstract:

The present invention provides new sequences gene constructions vectors and pharmaceutical compositions for the treatment of diseases and specially for the treatment of mucopolysaccharidoses.

No. of Pages: 65 No. of Claims: 26

(21) Application No.10286/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: BIO VAPOR STIMULATION SYSTEM

(51) International classification	:B09B 1/00 , B09C 1/10	(71)Name of Applicant: 1)Cambrain Energy Development LLC
(31) Priority Document No	:61/345,012	Address of Applicant :One Wilshire Boulevard #2420Â
(32) Priority Date	:14/05/2010	624 South Grand Avenue Los Angeles CA 90017-3325Â
(33) Name of priority country	:U.S.A.	United States U.S.A.
(86) International Application No	:PCT/US2011/036668	(72)Name of Inventor:
Filing Date	:16/05/2011	1)Williams Tudor D.
(87) International Publication No	: NA	2)Williams Evan
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a bio vapor stimulation process for introducing a bio vapor into a biomass at a landfill site comprising the steps: forming a bio-nutrient mixture of bacteria and nutrient; growing the selected bacteria in the temperature controlled holding tank; and filtrating of bacteria from growth chamber effluent; mixing heated carrier gas with bio-nutrient mixture in an injector; and monitoring temperature moisture and biologic parameters.

No. of Pages: 45 No. of Claims: 23

(21) Application No.10287/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : A PHARMACEUTICAL SPRAY COMPOSITION COMPRISING A VITAMIN D ANALOGUE AND A CORTICOSTEROID

(51) International classification(31) Priority Document No	:A61K 9/12, A61K 47/06, A61K 47/10 :61/353,893	(71)Name of Applicant: 1)LEO PHARMA A/S Address of Applicant :Industriparken 55Â DK-2750
(32) Priority Date	:11/06/2010	Ballerup Denmark. Denmark
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/DK2011/000060	1)LINDÂ Marianne
Filing Date	:10/06/2011	2)RASMUSSEN Gritt
(87) International Publication No	: NA	3)SONNE Mette Rydahl
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)HANSEN Jens 5)PETERSSON Karsten
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a topical spray composition comprising a biologically active vitamin D derivative or analogue and a corticosteroid \hat{A} and its use in the treatment of dermal diseases and conditions.

No. of Pages: 44 No. of Claims: 26

(22) Date of filing of Application :08/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: GEOGRAPHIC LOCATION SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:28/04/2011 : NA :NA :NA	(71)Name of Applicant: 1)NORTHWESTERN UNIVERSITY Address of Applicant:633 Clark Street Evanston ILÂ 60208Â US U.S.A. (72)Name of Inventor: 1)WANGÂ Yong 2)BURGENER Daniel 3)FLORES Marcel 4)ALEKSANDAR KUZMANOVIC
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for determining a derived geographic location of a target Internet host includes identifying plural landmark Internet hosts communicatively coupled with the target Internet host by a network. The method also includes measuring network latencies of probe packets transmitted to the target and landmark Internet hosts along different network pathways and calculating relative distances between the target Internet host and one or more of the landmark Internet hosts based on the network latencies. The method further includes comparing the relative distances to identify at least one of the landmark Internet hosts that is geographically closer to the target Internet host than one or more other landmark Internet hosts and determining the derived geographic location of the target Internet host based on a geographic location of the at least one of the landmark Internet hosts that is geographically closer to the target Internet host

No. of Pages: 66 No. of Claims: 29

(22) Date of filing of Application :10/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHOD AND SERVER FOR HANDLING DATABASE QUERIES†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F 17/30 :NA :NA :NA :PCT/SE2010/050702 :21/06/2010 : NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: SE-164 83 Stockholm Sweden Sweden (72)Name of Inventor: 1)HUANGÂ Vincent 2)SHEN Xianwei 3)MORITZ Simon
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and a server (300) for handling database queries directed to a semantic database (302) with stored information according to a preset ontology structure and annotated as element identifiers comprising triplets with a subject, a predicate and an object. In the server (300), a data analyser (300a) collects statistics from the database and defines semantic rules from the information in the database. When a database query is received with a first set of sub-queries, a query optimiser (300c) rewrites the query as a second set of sub-queries in the triplet format based on any of the ontology structure, the collected statistics and the defined rules. A Reduction Rate RR is also calculated for the sub-queries relating to the number of distinct subjects and objects appearing in the database with the predicates of the sub-queries. The sub-queries of the second set are finally provided as a modified query in an order according to decreasing Reduction Rates for execution in that order when searching the database.

No. of Pages: 36 No. of Claims: 13

(22) Date of filing of Application :10/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "DEMAND PAGING METHOD FOR MOBILE TERMINAL CONTROLLER AND MOBILE TERMINAL †•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:15/08/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)SPREADTRUM COMMUNICATIONS (Shanghai) CO.Â LTD. Address of Applicant: Spreadtrum Center Building No. 1Â Lane 2288 Zuchongzhi Road Zhangjiang Shanghai 201203Â P.R. China China (72)Name of Inventor: 1)CHAIÂ Yipeng 2)JIA Mingjun 3)SHI Yanshan
Filing Date	:NA	

(57) Abstract:

A demand paging method for a mobile terminal \hat{A} a controller and a mobile terminal \hat{A} wherein the demand paging method determines \hat{A} when a mobile terminal needs to operate a compressed file \hat{A} a storage location of the compressed file in an external part of the controller of the mobile terminal; a decoding unit of the internal part of the controller of the mobile terminal decompresses the compressed file in the storage location; the mobile terminal saves the decompressed file to a designated part of the memory \hat{A} wherein the designated part of the memory comprises the memory in the internal part of the controller of the mobile terminal and/or the memory in the external part of the controller of the mobile terminal; the mobile terminal continues to operate on the basis of the decompressed file. The technical solution increases the processing efficiency of demand paging of the mobile terminal. Fig 4.

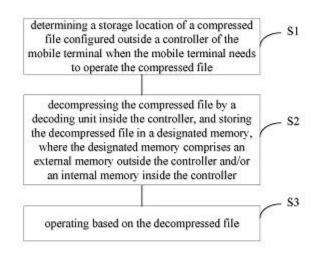


Fig.4

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

(22) Date of filing of Application: 10/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD APPARATUS AND SYSTEM FOR SELECTING PUBLIC LAND MOBILE NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	48/18 :NA :NA :NA :PCT/CN2010/073767 :10/06/2010 : NA :NA	(71)Name of Applicant: 1)Huawei Technologies Co. Ltd. Address of Applicant: Huawei Administration BuildingÂ Bantian Longgang District Shenzhen Guangdong 518129Â P.R. China China (72)Name of Inventor: 1)YU Yijun 2)LU Feng
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The embodiments of the present invention relate to a method, an apparatus, and a system for selecting a public land mobile network. The method includes: acquiring, by an eNodeB, PLMN information about a CSFB; and determining, by the eNodeB, a target cell of a packet switching handover according to the PLMN information about the CSFB. In the embodiments of the present invention, the eNodeB acquires the PLMN information about the CSFB, and the eNodeB determines the target cell of the packet switching handover according to the acquired PLMN information about the CSFB, so as to switch to the PLMN where the MSC/VLR attached by the UE in the EPS network is located, thereby avoiding an additional processing delay of the CSFB procedure caused when an eNodeB selects a different PLMN for failing to perceive the PLMN where the MSC/VLR attached by the UE in the EPS network is located in the CSFB procedure, and improving the service success rate.

No. of Pages: 22 No. of Claims: 11

(21) Application No.10326/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: LIMITED DUTY CYCLE FDD SYSTEM

(51) International classification	:H04L 1/16 , H04L 1/18	(71)Name of Applicant : 1)QUALCOMM Incorporated
(31) Priority Document No	:61/360,073	Address of Applicant :5775 Morehouse Drive San DiegoÂ
(32) Priority Date	:30/06/2010	California 92121Â USA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/042685	1)JI Tingfang
Filing Date	:30/06/2011	2)GAAL Peter
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Acknowledgment bundling has been defined for Long Term Evolution (LTE) Time Division Duplex (TDD) systems due to asymmetric DL/UL partitioning. In the case of Frequency Division Duplex (FDD) with a limited uplink (UL) duty cycle there may be asymmetry associated with a downlink transmission and an associated uplink acknowledgment. For example there may be a physical downlink shared channel (PDSCH) and a physical uplink control channel (PUCCH) hybrid automatic repeat request acknowledgment (HARQ-ACK) asymmetry. Interference between downlink and uplink transmissions may be a factor contributing to the limited UL duty cycle in an FDD system. For an FDD system having a limited mobile transmission duty cycle both DL and UL performance may be significantly degraded without proper mitigation techniques. According to certain embodiments of the present disclosure various HARQ and scheduling techniques may be utilized for minimizing loss due to the limited UL duty cycle.

No. of Pages: 41 No. of Claims: 80

(21) Application No.10328/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR PROVIDING CONTEXT SENSING AND FUSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04M 1/725 :NA :NA :NA :NA :PCT/IB2010/001109 :13/05/2010 : NA :NA :NA	(71)Name of Applicant: 1)NOKIA CORPORATION Address of Applicant: Keilalahdentie 4Â FIN-02150 EspooÂ Finland Finland (72)Name of Inventor: 1)Rajasekaran Andiappan 2)Antti Erhonen 3)Jussi Artturi Leppanen
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(57) Abstract:

A method for providing context sensing and fusion may include receiving physical sensor data extracted from one or more physical sensors, receiving virtual sensor data extracted from one or more virtual sensors, and performing context fusion of the physical sensor data and the virtual sensor data at an operating system level. A corresponding computer program product and apparatus are also provided. FIG. 9

No. of Pages: 38 No. of Claims: 22

(21) Application No.10416/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 13/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention : TYPICAL METAL-CONTAINING POLYSILOXANE COMPOSITION PROCESS FOR ITS PRODUCTION AND ITS USES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C08L 83/07, C08G 77/50, C08K 3/10 :2010-139215 :18/06/2010 :Japan :PCT/JP2011/063174 :08/06/2011 : NA :NA	(71)Name of Applicant: 1)TOSOH CORPORATION Address of Applicant: 4560 Kaisei-cho Shunan-shiÂ Yamaguchi 746-8501 Japan. Japan (72)Name of Inventor: 1)HARAÂ Daiji 2)SHIMIZU Masato
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To provide a material suitable for sealing an LED element or for a gas barrier layer for a resin component, and an LED device, an FPD device and a semiconductor device using it. A process for producing a polymer composition, which comprises mixing and reacting as component (A), an unsaturated group-containing siloxane compound of the following formula (1): wherein R1 is a hydrogen atom or a C1-20 hydrocarbon group, m is an integer of at least 3, a is an integer of from 0 to 10, and the siloxane structure is a chain or cyclic structure, as component (B), a siloxane compound having a structure of the following formula (2) wherein hydrogen is directly bonded to silicon, wherein R2 is a C1-20 hydrocarbon group, n is an integer of at least 3, and the siloxane structure is a chain or cyclic structure, as component (C), at least one member selected from the group consisting of organic metal compounds of Group 1, 2, 12, 13 and 14 metals of the periodic table, and as component (D), a metal catalyst of Group 8, 9 or 10 metal of the periodic table.

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

(21) Application No.10417/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention : "SOUND SOURCE SEPARATION DEVICE SOUND SOURCE SEPARATION METHOD AND PROGRAM†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:25/08/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)ASAHI KASEI KABUSHIKI KAISHA Address of Applicant: 3-23 Nakanoshima 3-chome Kita-ku Osaka-shi Osaka 530-8205 Japan Japan (72)Name of Inventor: 1)MATSUIÂ Shinya 2)ISHIKAWA Yoji 3)NAGAHAMA Katsumasa
Filing Date	:NA	

(57) Abstract:

According to a conventional sound source separation device, in an environment where diffuse noises having arrival direction uncertain are present, a certain frequency domain is largely suppressed, and the diffuse noises are irregularly sorted into sound source separation results, resulting in musical noises. According to an aspect of the invention, a beamformer unit (3) of a sound source separation device (1) multiplies output signals by microphones (10 and 11) having undergone spectrum analysis by a weighting factor in a relationship of complex conjugate, thereby performing a beamformer process of attenuating respective sound source signals arrived from a region including a general direction of a target sound and a region opposite to that region with a plane intersecting with a line interconnecting the two microphones (10 and 11) being as a boundary. A weighting-factor calculation unit (50) calculates, based on a difference between power spectrum information calculated by power calculation units (40 and 41), the weighting factor.

No. of Pages: 92 No. of Claims: 12

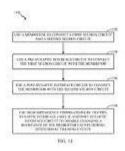
(22) Date of filing of Application :14/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "COMMUNICATION AND SYNAPSE TRAINING METHOD AND HARDWARE FOR BIOLOGICALLY INSPIRED NETWORKS†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:12/831,540 :07/07/2010 :U.S.A.	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP AdministrationÂ 5775 Morehouse Drive San Diego California 92121-1714Â United States of America U.S.A. (72)Name of Inventor: 1)APARINÂ Vladimir 2)TANG Yi
		2)TANG YI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Certain embodiments of the present disclosure support techniques for training of synapses in biologically inspired networks. Only one device based on a memristor can be used as a synaptic connection between a pair of neurons. The training of synaptic weights can be achieved with a low current consumption. A proposed synapse training circuit may be shared by a plurality of incoming/outgoing connections while only one digitally implemented pulse-width modulation (PWM) generator can be utilized per neuron circuit for generating synapse-training pulses. Only up to three phases of a slow clock can be used for both the neuron-to-neuron communications and synapse training. Some special control signals can be also generated for setting up synapse training events. By means of these signals the synapse training circuit can be in a high-impedance state outside the training events thus the synaptic resistance (i.e. the synaptic weight) is not affected outside the training process.



No. of Pages: 51 No. of Claims: 33

(22) Date of filing of Application :14/12/2012 (43) Publication Date : 13/11/2015

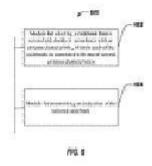
(54) Title of the invention : "STRUCTURED MIMO CODEBOOK†•

(51) International classification	:H04B 7/06	(71)Name of Applicant:
(31) Priority Document No	:61/358,368	1)QUALCOMM INCORPORATED
(32) Priority Date	:24/06/2010	Address of Applicant :Attn: International IP AdministrationÂ
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121-1714Â
(86) International Application No	:PCT/US2011/041819	United States of America U.S.A.
Filing Date	:24/06/2011	(72)Name of Inventor:
(87) International Publication No	: NA	1)GAALÂ Peter
(61) Patent of Addition to Application	:NA	2)GEIRHOFER Stefan
Number	:NA	3)MONTOJO Juan
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a method of wireless communication which includes selecting a codebook from a plurality of codebooks in accordance with an antenna characteristic \hat{A} and transmitting an indication of the selected codebook. Each of the plurality of codebooks is associated with one of a plurality of antenna characteristics. In some designs \hat{A} channel state information is received from a user equipment. The channel state information may be used to determine downlink scheduling and/or precoding. In some designs \hat{A} the channel state information may include feedback elements associated with different subband granularity. The feedback elements may also indicate a selection of a subset of precoder column vectors and/or a phase offset between two groups of transmit antennas.

Abstract:



No. of Pages: 60 No. of Claims: 70

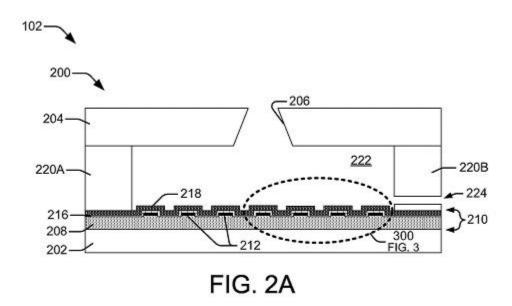
(22) Date of filing of Application :14/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: THERMAL RESISTOR FLUID EJECTION ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	2/32 , B41J 2/355 :NA :NA :NA	(71)Name of Applicant: 1)HEWLETT-PACKARD DEVELOPMENT COMPANYÂ L.P. Address of Applicant: 11445 Compaq Center Drive WestÂ Houston TX 77070 United States of America U.S.A. (72)Name of Inventor: 1)BRADLEY D. CHUNG 2)GALEN P. COOK 3)DANIEL FRADL
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A thermal resistor fluid ejection assembly includes an insulating substrate and first and second electrodes formed on the substrate. A plurality of individual resistor elements of varying widths are arranged in parallel on the substrate and electrically coupled at a first end to the first electrode and at a second end to the second electrode. [FIG. 2A]



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

(22) Date of filing of Application :14/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR MITIGATING INTERFERENCE IN FEMTOCELL DEPLOYMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W 36/20 :61/359,754 :29/06/2010 :U.S.A. :PCT/US2011/042462 :29/06/2011 : NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP AdministrationÂ 5775 Morehouse Drive San Diego California 92121-1714Â USA U.S.A. (72)Name of Inventor: 1)MESHKATI Farhad 2)ZHOU Yan 3)CHANDE Vinay 4)YAVUZ Mehmet
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(57) Abstract:

Methods and apparatuses are provided for mitigating interference among access points and/or devices communicating therewith in unplanned network deployments. Based on determining that one or more served devices potentially interfere with one or more access points an inter-frequency handover (IFHO) threshold or data rate can be adjusted for the device to cause IFHO or reduce occurrence of interference and/or a coverage area can be modified so the device can communicate with one or more other access points to mitigate potential interference. Based on determining interference from one or more devices served by other access points an access point can switch operating modes to a hybrid or open access point to allow the one or more devices to handover to the access point and/or can boost downlink transmit power to cause the one or more devices to perform IFHO from the other access points to mitigate potential interference.

No. of Pages: 68 No. of Claims: 54

(22) Date of filing of Application :14/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: MONITORING CUSTOMER-SELECTED VEHICLE PARAMETERS

(51) International classification	:G06Q 40/00, G06Q 50/00	(71)Name of Applicant: 1)THE TRAVELERS INDEMNITY COMPANY
(31) Priority Document No	:61/345,220	Address of Applicant :One Tower Square Hartford CT
(32) Priority Date	:17/05/2010	06183Â USA U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/036786	1)COLLINS Dean M.
Filing Date	:17/05/2011	2)SMITH Bryan
(87) International Publication No	: NA	3)KRYSINSKI William
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Vehicle insurance customers select parameters for monitoring using one or more telematics devices. The parameters may comprise an operating characteristic associated with at least one vehicle associated with an insurance product. In one embodiment an apparatus causes based on a user selection of at least one of a plurality of menu-selectable options a remotely programmable memory of at least one monitoring device to store an indication of the monitoring parameters represented by the user selection.

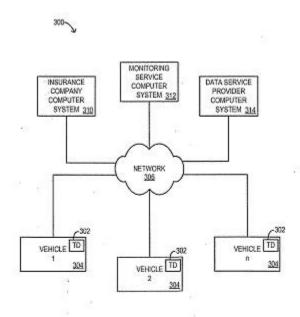


FIG. 3

No. of Pages: 50 No. of Claims: 15

(21) Application No.10463/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: CONVEYOR BELT WITH WEAR-TOLERANT STACKED ROLLERS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B65G 17/24 :. :14/12/2012 :Argentina :NA	(71)Name of Applicant: 1)LAITRAM, L.L.C. Address of Applicant: Legal Department, 200 Laitram Lane, Harahan, Louisiana 70123, United States of America. U.S.A. (72)Name of Inventor:
Filing Date	:NA :NA	1)Brien G. RAU
(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 conveyor belt having multiple roller sets, each roller set including a first roller and a second roller, the first roller being movable into contact with the second roller so that driving of one of the rollers in a first angular direction causes rotation of the other roller in a second, opposite angular direction.

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

(22) Date of filing of Application :15/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: HYDROPHOBIC CELLULOSIC SUBSTRATES AND METHODS FOR PRODUCING THE SAME

(51) International classification	:D21H 17/13, C08L 1/00, C09D 4/00	(71)Name of Applicant: 1)DOW CORNING CORPORATION
(31) Priority Document No	:61/397,696	Address of Applicant :2200 West Salzburg Road MidlandÂ
(32) Priority Date	:17/05/2010	MI 48686-0994Â United States of America U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/036577	1)COSTELLO Michael Robertt Asa
Filing Date	:16/05/2011	2)LEWIS Kevin Dale
(87) International Publication No	: NA	3)SCHULZ JR. William James
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods for rendering a cellulosic substrate hydrophobic include providing a plurality of halosilane compounds comprising at least a first halosilane compound and a second halosilane compound different from the first halosilane compound \hat{A} wherein the plurality of halosilane compounds comprises a total halosilane concentration comprising 20 mole percent or less of monohalosilanes \hat{A} 70 mole percent or less of monohalosilanes and dihalosilanes and at least 30 percent of trihalosilanes and tetrahalosilanes \hat{A} and \hat{A} treating the cellulosic substrate with the plurality of halosilane compounds \hat{A} wherein the plurality of halosilane compounds are applied as one or more liquids.

No. of Pages: 34 No. of Claims: 25

(22) Date of filing of Application :04/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "ENHANCING AN INQUIRY FOR A SEARCH OF A DATABASE†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:06/05/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)THE DUN AND BRADSTREET CORPORATION Address of Applicant:103 JFK Parkway Short Hills New Jersey 07078 United States of America U.S.A. (72)Name of Inventor: 1)CARLOCK Thomas V.
Filing Date	:NA :NA	

(57) Abstract:

A database searching \hat{A} and more particularly \hat{A} to a technique that utilizes a result from matching an inquiry to data in a first database \hat{A} and based thereon \hat{A} prepares an inquiry for a search of a second database. In this regard there is provided a method that includes (a) receiving a first inquiry \hat{A} (b) matching the first inquiry to first data in a first database \hat{A} (c) preparing a second inquiry based on the first data \hat{A} (d) transmitting the second inquiry to a search engine that searches a second database and returns second data \hat{A} and (e) returning the second data in a response to the first inquiry.

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

(22) Date of filing of Application :04/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : "METHOD FOR AUTHETICATING A USER REQUESTING A TRANSACTION WITH A SERVICE PROVIDER†•

(51) International classification	:H04L 9/32, G06F 21/22, G09C 5/00	(71)Name of Applicant: 1)4G SECURE
(31) Priority Document No	:10 53523	Address of Applicant :152 rue de Picpus F-75012 ParisÂ
(32) Priority Date	:06/05/2010	France France
(33) Name of priority country	:France	(72)Name of Inventor:
(86) International Application No	:PCT/FR2011/051008	1)LIBERMANÂ Johann
Filing Date	:04/05/2011	2)CHATZIKOMNINOS Panos
(87) International Publication No	: NA	3)AUBERT Jean Pascal
(61) Patent of Addition to Application	:NA	4)DELESTRE Benoit
Number		5)HALLEPEE Didier
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for authenticating a user (Ui) requesting a transaction with a service provider (SP) \hat{A} which comprises: using authentication data (dauth) read on a screen by means of a mobile terminal (TEL) to generate (E) an authorisation code (cod.) that is specific to the user and to the requested transaction; reading (F) the authorisation code \hat{A} displayed by the mobile terminal \hat{A} using a reading means of a digital device (PC); and sending (G) the read authorisation code from said digital device

No. of Pages: 41 No. of Claims: 16

(22) Date of filing of Application :18/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: MICROVESICLES DERIVED FROM CELL PROTOPLAST AND USE THEREOF

(51) International classification (31) Priority Document No	:C12N :10-2010-0063527	(71)Name of Applicant: 1)AEON MEDIX INC
(32) Priority Date	:01/07/2010	Address of Applicant :Biotech Center Hyoja-dongÂ
(33) Name of priority country(86) International Application No		POSTECH 67 Chungam-ro Nam-gu Pohang-si Gyeongsangbuk-do 790-784Â Republic of Korea Republic of
Filing Date	:30/06/2011	Korea
(87) International Publication No (61) Patent of Addition to Application	: NA :NA	(72)Name of Inventor: 1)GHOÂ Yong Song
Number Filing Date	:NA	2)JANG Su Chul 3)KIM Yoon Keun
(62) Divisional to Application Number Filing Date	:NA :NA	4)KIM Oh Youn

(57) Abstract:

The present invention relates to microvesicles derived from a protoplast which is a bacterial arhaea fungal or plant cell or the like from which a cell wall is removed. The microvesicles derived from a protoplast of the present invention enables free loading of a material necessary for diagnosis treatment vaccine target induction cell membrane fusion with a target cell reduction of in vivo and in vitro side effects stability improvement and the like and allows the therapeutic material the diagnostic material and/or the vaccine material to be delivered specifically to a specific tissue or cell.

No. of Pages: 146 No. of Claims: 86

(21) Application No.10555/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: MEDIUM ACCUMULATING DEVICE

(51) International classification	:B65H	(71)Name of Applicant:
(31) Priority Document No	:2010-189233	1)Oki Electric Industry Co. Ltd.
(32) Priority Date	:26/08/2010	Address of Applicant :1-7-12 Toranomon Minato-kuÂ
(33) Name of priority country	:Japan	Tokyo 105-8460 Japan Japan
(86) International Application No	:PCT/JP2011/062503	(72)Name of Inventor:
Filing Date	:31/05/2011	1)Atsushi TAKADA
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A medium accumulating device has an accumulation table on which a medium is accumulated \hat{A} an elastic member that supports the accumulation table \hat{A} and an accumulation table detector that detects lowering of the accumulation table. It is sensed that the accumulation table inclined with respect to a lifting and lowering direction of the accumulation table lowers below a predetermined position to thereby determine whether or not a medium is accumulated on the accumulation table. This provides the medium accumulating device capable of determining whether or not a medium is accumulated whatever position the accumulation table may occupy.

No. of Pages: 66 No. of Claims: 16

(22) Date of filing of Application: 18/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING TRANSACTIONS WITH A PORTABLE COMPUTING DEVICE

(32) Priority Date:02/07(33) Name of priority country:U.S.A(86) International Application No:PCT/	1)QUALCOMM INCORPORATED Address of Applicant :Attn: International IP AdministrationÂ A. 5775 Morehouse Drive San Diego California 92121 USA U.S.A. (72)Name of Inventor:
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(57) Abstract:

A method and system include verifying credentials for gaining access to a transactional controller with the portable computing device. The transactional controller may receive a merchant identifier corresponding to a merchant and then it may compare the merchant identifier against loyalty account data stored in a database. The transactional controller may also receive product scan data and compare the product scan data against one of offer data and coupon data in a database. After these comparisons, any matches of product scan data to offer data or coupon data may be sent to the PCD and the POS controller. Similarly, any matches of the merchant identifier to loyalty account data may be transmitted to the POS controller. During or after the purchase transaction, a message may be generated by the transaction controller which lists one or more preferred payment options that may be selected using the PCD to complete a purchase. Refer to Figure 1

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

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "CANCER THERAPY METHOD†•

(51) International classification	:A61K 38/10, A61P 35/00	(71)Name of Applicant: 1)CENTRO DE INGENIERà • A GENÉTICA Y
(31) Priority Document No	:2010-113	BIOTECNOLOGÃ • A
(32) Priority Date	:31/05/2010	Address of Applicant : Avenida 31 entre 158 y 190Â
(33) Name of priority country	:Cuba	Cubanacán Playa La Habana 10600 Cuba Cuba
(86) International Application No	:PCT/CU2011/000003	(72)Name of Inventor:
Filing Date	:31/05/2011	1)GUERRA VALLESPÃ • Â Maribel
(87) International Publication No	: NA	2)FERNà • NDEZ MASSÓ Julio Raðl
(61) Patent of Addition to Application	:NA	3)MUSACCHIO LASA Alexis
Number	:NA	4)GIL VALDÉS Jeovanis
Filing Date	.IVA	5)REYES ACOSTA Osvaldo
(62) Divisional to Application Number	:NA	6)OLIVA ARGÜELLES Brizaida Maylin
Filing Date	:NA	

(57) Abstract:

This invention describes a method for treating cancer by increasing the nuclear localization of the COMMD1 protein which is associated with decreasing or blocking the proliferation of the cancer cell. The invention is also related to the use of agents that increase nuclear localization of the COMMD1 protein in the manufacture of a medicament for cancer therapy. These agents can be peptides or proteins among other compounds. The invention is also related to the optimization of a peptide coming from the sequence HARIKPTFRRLKWKKYKGKFW to increase the nuclear localization of the protein COMMD and thus to increase the antitumor effect of this peptide.

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

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : REAL TIME ACTIVE HELICOPTER VIBRATION CONTROL AND ROTOR TRACK AND BALANCE SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B64C 27/80 :61/348,489 :26/05/2010 :U.S.A. :PCT/US2011/038043 :26/05/2011 : NA	(71)Name of Applicant: 1)LORD CORPORATION Address of Applicant: IP Legal Dept. 111 Lord DriveÂ Cary North Carolina 27511 United States of America U.S.A. (72)Name of Inventor: 1)JOLLYÂ Mark 2)MILLER Lane 3)BADRE-ALAM Askari
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(57) Abstract:

Rotary wing aircraft electronic control system including a tachometer (552) and a plurality of nonrotating body vibration control sensors (554) outputting at least first nonrotating body vibration sensor data correlating to vibrations. The system includes a plurality of nonrotating body force generators (530) to input a vibration control force into said nonrotating aerostructure body. The system includes a data communications network link (150) linking together the nonrotating body force generators the tachometer sensor the vibration control sensors and an actuating force generator rotor track balance electronic controller (411)Â the actuating force generator rotor track balance electronic controller controlling the nonrotating body force generators to input vibration control forces into the nonrotating aerostructure body and computing a rotor track solution for aircraft rotor blades.

No. of Pages: 226 No. of Claims: 40

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD FOR FORWARDING MESSAGE AND SWITCH CHIP

(51) International classification	:H04L 12/56, H04L 12/46	(71)Name of Applicant: 1)ZTE CORPORATION
(31) Priority Document No	:201010217456.5	Address of Applicant :ZTE Plaza Keji Road South Hi-
(32) Priority Date	:23/06/2010	Tech Industrial Park Nanshan Shenzhen Guangdong
(33) Name of priority country	:China	518057Â China. China
(86) International Application No	:PCT/CN2011/071330	(72)Name of Inventor:
Filing Date	:25/02/2011	1)Xiaochun XU
(87) International Publication No	: NA	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for forwarding a packet is provided which includes configuring a cascade port of a switch chip to operate in an internal loopback mode performing a termination processing for the packet looping the packet after the termination processing back to the cascade port initializing the loopback packet and forwarding the packet. A switch chip is also provided. With the technical solutions of the disclosure packet forwarding in both uplink and downlink directions in MPLS VPN can be implemented by using a single PE and a single port.

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

(21) Application No.10510/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention : TUNNEL SWITCHING METHOD AND SYSTEM FOR MULTI-PROTOCOL LABEL SWITCHING SERVICES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L 12/56 :201010219278.X :25/06/2010 :China :PCT/CN2011/074402 :20/05/2011 : NA :NA	(71)Name of Applicant: 1)ZTE CORPORATION Address of Applicant: ZTE Plaza Keji Road South Hi- Tech Industrial Park Nanshan Shenzhen Guangdong 518057Â China. China (72)Name of Inventor: 1)Tingshan PAN
- 10.0000	:NA :NA :NA	

(57) Abstract:

The disclosure provides a tunnel switching method for Multi-Protocol Label Switching (MPLS) services. The method includes: output port information of multiple MPLS services which use the same working tunnel is mapped to a Link Aggregation Control Protocol (LACP) port; items of the next hop information to which the MPLS services correspond are set as multiplexed items; when tunnel switching is needed the items of the next hop information and the setting of the LACP port are updated. The disclosure further provides a tunnel switching system for MPLS services. The method and system implement batch switching for the multiple MPLS services improve the service switching time of the MPLS greatly therefore the number of services has no influence on the switching time and a lot of hardware resources are saved.

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

(21) Application No.10436/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: AUTOMOBILE DRIVING SYSTEM

(51) International

:B60K17/04,B60K6/36,B60K6/383 classification

:WO 2011/158577

(31) Priority Document No :2010136542 (32) Priority Date :15/06/2010 (33) Name of priority country :Japan

(86) International Application :PCT/JP2011/060787

:10/05/2011

Filing Date

(87) International Publication

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)HONDA MOTOR CO. LTD.

Address of Applicant: 1 1 Minami Aoyama 2 chome Minato

ku Tokyo 1078556 Japan (72) Name of Inventor: 1)ICHIKAWA Kazuki 2)SUGA Fumiyasu

(57) Abstract:

Disclosed is an automobile driving system (1) which includes: two first and second engines (ENG1 and ENG2); first and second transmissions (TM1 and TM2) for transmitting output power of the first and second engines (ENG1 and ENG2); first and second one way clutches (OWC1 and OWC2) disposed at output sections of the first and second transmissions (TM1 and TM2) respectively; and a rotary driven member (11) coupled in a standard manner to both output members (121) of the first and second one way clutches (OWC1 and OWC2) by way of clutch mechanisms (CL1 and CL2) so that a rotary power transmitted to the output members of the one way clutches (OWC1 and OWC2) is transmitted to a driving wheel (2). It is therefore possible to provide a highly efficient automobile driving system which achieves improved fuel consumption.

No. of Pages: 138 No. of Claims: 17

(21) Application No.10437/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 14/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: CABLE TRAY CABLE ROUTING SYSTEM

:18/05/2011

(51) International classification :H02G3/04,H02G3/06,H02G3/32 (71) Name of Applicant: (31) Priority Document No :61/346205 (32) Priority Date :19/05/2010

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

(86) International Application :PCT/US2011/036926

No Filing Date

(87) International Publication No:WO 2011/146567

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)PANDUIT CORP.

Address of Applicant: 18900 Panduit Drive Tinley Park IL

60487 U.S.A.

(72) Name of Inventor: 1)BROUWER Shaun P. 2)DAVIS David R. 3)WASZAK Dennis J.

4) RAMEY Samuel C. 5)HARTMAN Scott R.

6)NICOLI Robert

(57) Abstract:

The present invention is directed to a cable routing system with brackets that join cable trays to form the cable routing system. A bracket that joins adjacent cable trays includes a main body having a base with a top edge a bottom edge and sides. The bracket further includes upper members that extend from the top edge a bottom member that extends from the bottom edge and side members extending from the sides. When attached to adjacent cable trays the longitudinal wires of the cable tray are positioned between the upper members and the side members and the transverse wires of the cable tray are retained in a space defined by the upper members. A bracket that joins perpendicular cable trays includes a main body and a securing clip. The main body has a bottom and two sides extending upwardly therefrom. Each side of the main body includes a deflectable side latch that engages a bottom longitudinal wire of the cable tray. The securing clip engages the main body to secure the bracket to the cable tray.

No. of Pages: 118 No. of Claims: 20

(21) Application No.10438/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: PROCESS FOR PRODUCING COMPOUNDS COMPRISING NITRILE FUNCTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07C253/00 :10 53967 :21/05/2010 :France :PCT/EP2011/057981 :17/05/2011 :WO 2011/144619 A1 :NA :NA	(71)Name of Applicant: 1)RHODIA OPERATIONS Address of Applicant: 40 rue de la Haie Coq F 93306 Aubervilliers France (72)Name of Inventor: 1)JACQUOT Roland 2)MARION Philippe
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to the production of compounds comprising nitrile functions and of cyclic imide compounds. It relates more particularly to the production of compounds comprising nitrile functions from compounds comprising carboxylic functions advantageously of natural and renewable origin and from a mixture N of dinitriles comprising 2 methylglutaronitrile (MGN) 2 ethylsuccinonitrile (ESN) and adiponitrile (AdN).

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

(22) Date of filing of Application :09/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CONDUCTING MEASUREMENTS WHEN MULTIPLE CARRIERS ARE SUPPORTED

(51) International classification	:H04L5/00	(71)Name of Applicant :
(31) Priority Document No	:61/247,767	1)QUALCOMM INCORPORATED
(32) Priority Date	:01/10/2009	Address of Applicant :INTERNATIONAL IP
(33) Name of priority country	:U.S.A.	ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
(86) International Application No	:PCT/US2010/051229	DIEGO, CALIFDORNIA 92121-1714 U.S.A.
Filing Date	:01/10/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/041758 A3	1)RAVI PALANKI
(61) Patent of Addition to Application	:NA	2)PETER GAAL
Number		3)PARAG A. AGASHE
Filing Date	:NA	4)RAJAT PRAKASH
(62) Divisional to Application Number	:NA	5)MASATO KITAZOE
Filing Date	:NA	
(57) Abatmaat		l

(57) Abstract:

Measurements are conducted on one or more carriers in a case where an access terminal supports reception on multiple carriers. Upon determining that an access terminal is capable of concurrently receiving on a given set of carriers, a measurement is conducted on one or more carriers of the set while receiving on or more other carriers of the set. Conversely, upon determining that an access terminal is not capable of concurrently receiving on a given set of carriers, a measurement is conducted on one or more carriers of the set while not receiving on or more other carriers of the set. In addition, data transfers to or from an access terminal on a carrier may be restricted (e.g., data transfers not scheduled or only low priority data transfers scheduled) during one or more subframes before or after the access terminal conducts a measurement on another carrier.

No. of Pages: 55 No. of Claims: 54

(19) INDIA

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: ENERGY SAVING BREWING METHOD

(51) International classification	:A01H 5/10, C12C 1/18, C12C 12/00	(71)Name of Applicant: 1)CARLSBERG BREWERIES A/S
(31) Priority Document No	:PA 2010 70243	Address of Applicant :Ny Carlsberg Vej 100Â DK-1799
(32) Priority Date	:03/06/2010	Copenhagen VÂ Denmark Denmark
(33) Name of priority country	:Denmark	2)HEINEKEN SUPPLY CHAIN B.V.
(86) International Application No	:PCT/DK2011/050186	(72)Name of Inventor:
Filing Date	:31/05/2011	1)KNUDSENÂ SÃ~REN
(87) International Publication No	: NA	2)RIIS PREBEN
(61) Patent of Addition to Application Number	:NA :NA	3)SKADHAUGE BIRGITTE 4)BECH LENE MÃ~LSKOV
Filing Date	.1171	5)OLSEN OLE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.10511/CHENP/2012 A

(57) Abstract:

Barley based beverages are produced in large quantities \hat{A} employing highly energy consuming methods \hat{A} for example in the malting and brewhouse facilities for kiln drying and wort boiling operations \hat{A} respectively. The present invention relates to energy saving methods for preparing barley based beverages \hat{A} as well as to barley plants useful in such methods. In particular \hat{A} the invention describes barley plants with combined traits of null-lipoxygenase-I (null-LOX-I) \hat{A} null-lipoxygenase-2 (null-LOX-2) and null-S-adenosylmethionine:methionine S-methyltransferase in one plant \hat{A} which is particularly useful for energy saving methods to prepare barley based beverages \hat{A} such as beer.

No. of Pages: 151 No. of Claims: 57

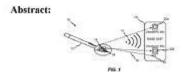
(22) Date of filing of Application :17/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AUTO-CORRECTION FOR MOBILE RECEIVER WITH POINTING TECHNOLOGY†•

(51) International classification	:G06F 3/033, G06F 3/041, G06F 3/043	(71)Name of Applicant: 1)QUALCOMM INCORPORATED
(31) Priority Document No	:12/814,340	Address of Applicant :Attn: International IP AdministrationÂ
(32) Priority Date	:11/06/2010	5775 Morehouse Drive San Diego California 92121-1714Â
(33) Name of priority country	:U.S.A.	United States of America U.S.A.
(86) International Application No	:PCT/US2011/040097	(72)Name of Inventor:
Filing Date	:10/06/2011	1)ERUCHIMOVITCHÂ Baruch
(87) International Publication No	: NA	2)SHEYNBLAT Leonid
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A mobile station and unattached work area is used with an electronic pen which includes a transmitter such as an acoustic transmitter. The mobile station includes a receiver that receives signals from the transmitter and orientation sensors that detect movement of the mobile station. The position of the receiver is calibrated with respect to the unattached work area. Data from the orientation sensors is received when the mobile station and thus the receiver is moved with respect to the work area. A transformation matrix is generated based on the data from the orientation sensors which can be used to correct for the movement of the receiver. The position of the transmitter in the electronic pen is calculated and mapped based on received signals and the transformation matrix and the mapped position is then displayed. (Fig. 1)



No. of Pages: 29 No. of Claims: 34

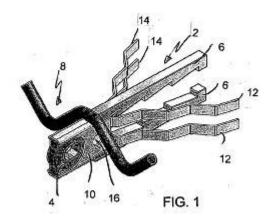
(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention : "CONCRETE LIFTING ANCHORS†•

(51) International classification	:E04C 5/12, B66F 19/02, E04C 5/16	(71)Name of Applicant: 1)CASNE VERIGE PTY LTD
(31) Priority Document No	:NA	Address of Applicant :Ground Floor 18 Dequetteville
(32) Priority Date	:NA	Terrace Kent Town South Australia 5067 Australia
(33) Name of priority country	:NA	Australia
(86) International Application No	:PCT/AU2010/000829	(72)Name of Inventor:
Filing Date	:30/06/2010	1)SLADOJEVICÂ Robert
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An edge lift anchor for a concrete product the anchor having a head portion for coupling to lifting equipment and an anchoring portion and a separate member mounted on the anchor and having integral legs extending to each side of the anchoring portion to increase the lifting capacity of the anchor. Alternatively or in addition the separate member may provide a mounting for a tension bar to increase the lifting capacity. The invention also provides a support chair for retaining the edge lift anchor together with an associated shear bar and tension bar if present. [FIG: 1]



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

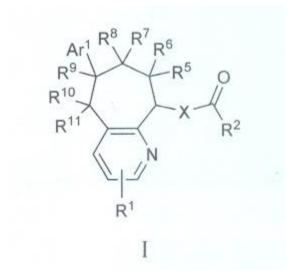
(22) Date of filing of Application :16/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: CGRP RECEPTOR ANTAGONISTS

(51) International classification	:C07D401/12	(71)Name of Applicant:
(31) Priority Document No	:61/251,477	1)BRISTOL-MYERS SQUIBB COMPANY
(32) Priority Date	:14/10/2009	Address of Applicant :ROUTE 206 AND PROVINCE LINE
(33) Name of priority country	:U.S.A.	ROAD, PRINCETON, NEW JERSEY 08543-4000 U.S.A.
(86) International Application No	:PCT/US2010/052433	(72)Name of Inventor:
Filing Date	:13/10/2010	1)LUO, GUANGLIN
(87) International Publication No	:WO 2011/046997 A1	2)DUBOWCHIK GENE M.
(61) Patent of Addition to Application	:NA	3)MACOR, JOHN E.
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The disclosure generally relates to the novel compounds of formula I, including pharmaceutically acceptable salts, which are CGRP receptor antagonists. The disclosure also relates to pharmaceutical compositions and methods for using the compounds in the treatment of CGRP related disorders including migraine and other headaches, neurogenic vasodilation, neurogenic inflammation, thermal injury, circulatory shock, flushing associated with menopause, airway inflammatory diseases such as asthma, and chronic obstructive pulmonary disease (COPD).



No. of Pages: 93 No. of Claims: 16

(21) Application No.3376/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : WATER-SOLUBLE ADHESIVE COMPOUND COATING FOR WATER-SOLUBLE INTERLINING MATERIALS

(51) International classification	:D06M17/00	(71)Name of Applicant:
(31) Priority Document No	:10 2009 049 802.8	1)CARL FREUDENBERG KG
(32) Priority Date	:16/10/2009	Address of Applicant :HOHNERWEG 2-4, 69469
(33) Name of priority country	:Germany	WEINHEIM Germany
(86) International Application No	:PCT/EP2010/006206	(72)Name of Inventor:
Filing Date	:12/10/2010	1)GRYNAEUS, PETER
(87) International Publication No	:WO 2011/045017	2)KOHNLEIN, HOLGER
(87) International Fublication No	A2	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		

(57) Abstract:

In order to achieve the aim of designing and further developing the adhesive compound known from the prior art such that they can easily be used for water-soluble interlinings, in particular for non-wovens fabrics, an interlining for use as a fixing interlining for embroidery, consisting of a textile carrier material coated with an adhesive compound, the adhesive compound containing a water soluble, thermoplastic polymer, is characterized in that the adhesive compound is designed as an aqueous polymer dispersion and/or as a polymer solution

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

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "METHOD AND APPARATUS FOR DETERMINING A COORDINATOR†•

(51) International classification	:H04L 12/24 , H04L 29/02	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD.
(31) Priority Document No	:61/346,075	Address of Applicant :129 Samsung-ro Yeongtong-guÂ
(32) Priority Date	:19/05/2010	Suwon-si Gyeonggi-do 443-742 Republic of Korea Republic
(33) Name of priority country	:U.S.A.	of Korea
(86) International Application No	:PCT/KR2011/003704	(72)Name of Inventor:
Filing Date	:19/05/2011	1)LEEÂ Jae-Min
(87) International Publication No	: NA	2)NA II-Ju
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	3)SINGH Harkirat
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and an apparatus for electing a coordinator of a network based on information regarding coordinator capacity including information regarding at least one item for determining whether a corresponding device is suitable as a coordinator.

No. of Pages: 58 No. of Claims: 15

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: POLYMER BASED DOUBLE COMPRESSIBLE LAYER CARCASS FOR PRINTING BLANKET

(51) International classification	:B41N 10/04 , B32B 5/26	(71)Name of Applicant: 1)TRELLEBORG ENGINEERED SYSTEMS ITALY
(31) Priority Document No	:MI2010A001174	S.P.A.
(32) Priority Date	:28/06/2010	Address of Applicant :Via Andrea Costa 2 I-20131
(33) Name of priority country	:Italy	Milano Italy. Italy
(86) International Application No	:PCT/EP2011/060796	(72)Name of Inventor:
Filing Date	:28/06/2011	1)DAMEWOODÂ John
(87) International Publication No	: NA	2)BRANTLEY Larry
(61) Patent of Addition to Application	:NA	3)CARLETTI Stefano
Number	:NA	4)SANTORELLI Rosanna
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention is about a carcass for a printing blanket to be used for instance in offset printing comprising: a fabric stack substrate comprising at least one fabric ply; a first compressible layer deposed atop said substrate said first compressible layer comprising a moisture cured thermoset polymer matrix having a plurality of closed cells distributed substantially uniformly therein such that said first compressible layer has substantially uniform compression characteristics; a separation layer made of either natural or synthetic fibers or of a mix of the two; a second compressible layer deposed atop said separation layer of structure and thickness similar but not necessarily the same as those of the first compressible layer; and a top fabric stack deposed atop said second compressible layer comprising at least one fabric ply. The invention is also about a complete printing blanket comprising the carcass described above and an elastomeric printing face. FIG. 1

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

(21) Application No.10489/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention : A METHOD FOR CONTROLLING UPLINK TRANSMISSION IN A MANAGEMENT DEVICE OF LTE A NETWORK AND THE DEVICE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:201010210063.1 :20/06/2010 :China	(71)Name of Applicant: 1)Alcatel Lucent Address of Applicant: 3 avenue Octave Gréard F 75007 Paris France (72)Name of Inventor: 1)LIU Jin 2)YOU Mingli 3)HOU Zhihua
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to embodiments of the present invention there is provided a method of providing for a dual antenna UE or quadri antenna UE downlink control information used for uplink transmission in a management device of LTE A network and the method for the former comprises the steps of: determining an uplink transmission scheme for the dual antenna UE; semi statically configuring by high level signaling the uplink transmission mode to which the uplink transmission scheme belongs; generating downlink control information corresponding to the determined uplink transmission scheme the downlink control information comprising a first indicating field a second indicating field a new data indicating field for a first transmission block and a new data indicating field for a second transmission block; wherein when transmission block is disabled for the determined uplink transmission scheme disablement of at least one of two transmission blocks is represented by a first combination of the value of the first indicating field and the second indicating field; and the disablement of the two transmission blocks is represented by a combination formed by the new data indicating field for the first transmission block; transmitting the generated downlink control information to the dual antenna UE.

No. of Pages: 49 No. of Claims: 15

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: A COMMUNICATION NETWORK FOR A LOW-VOLTAGE SWITCHBOARD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:H02H1/00 :BG2009A000051 :30/09/2009 :Italy	(71)Name of Applicant: 1)ABB S.P.A. Address of Applicant: VIA VITTOR PISANI, 16, I-20124 MILANO Italy
(86) International Application No Filing Date	:PCT/EP2010/063863 :21/09/2010	(72)Name of Inventor: 1)STUCCHI, MARCO
(87) International Publication No	:WO 2011/039074 A1	2)PANSERI, RICCARDO 3)GRITTI, PAOLO
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

A communication network for a low-voltage switchboard comprising three types of communication bus. The first communication bus is designed to provide a first communication channel with at least one electronic protection device. A second communication bus is designed to provide a second communication channel with said electronic protection device. At least one third communication bus (13) is designed to provide a third communication channel between said at least one protection and control unit and one or more additional electronic modules (6A, 6B, 6C, 6E, 6F). The second communication bus is associated with a second, higher user access level than the first user access level associated with said first communication bus.

No. of Pages: 18 No. of Claims: 14

(22) Date of filing of Application :05/12/2012

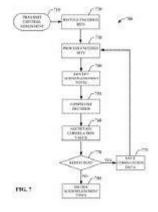
(43) Publication Date: 13/11/2015

(54) Title of the invention : "METHOD AND APPARATUS FOR FACILITATING TRI-STATE DECODING ON A SHARED UPLINK CHANNEL†•

(51) International classification	:H04L 1/18, H04L 1/00 , H04L 1/16	(71)Name of Applicant: 1)QUALCOMM INCORPORATED
(31) Priority Document No	:12/780,808	Address of Applicant :ATTN: International IP
(32) Priority Date	:14/05/2010	Administration 5775 Morehouse Drive San DiegoÂ
(33) Name of priority country	:U.S.A.	California 92121-1714Â U.S.A.
(86) International Application No	:PCT/US2011/036494	(72)Name of Inventor:
Filing Date	:13/05/2011	1)LIN YANG
(87) International Publication No	:WO/2011/143595	2)HAO XU
(61) Patent of Addition to Application Number	:NA :NA	3)RENQIU WANG 4)ZHIFEI FAN
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastra et .		

(57) Abstract:

Methods, apparatuses, and computer program products are disclosed for facilitating decoding a communication received from a wireless terminal. Encoded bits are received from the wireless terminal via a shared uplink channel, and a plurality of acknowledgment tones are identified within the encoded bits. A correlation value is ascertained corresponding to a correlation between detected bits within the plurality of acknowledgment tones and valid bits corresponding to any of a plurality of valid acknowledgment codewords. A determination is then made as to whether the plurality of acknowledgment tones includes information corresponding to a discontinuous transmission by comparing the correlation value to a threshold value.



No. of Pages: 49 No. of Claims: 22

(22) Date of filing of Application :05/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD DEVICE AND COMMUNICATION SYSTEM FOR MODULATION TRANSMISSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L 27/00 :NA :NA :NA :NA :PCT/CN2010/072491 :06/05/2010 : NA :NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration BuildingÂ Bantian Longgang District Shenzhen Guangdong 518129Â P. R. China China (72)Name of Inventor: 1)DONGÂ Pengpeng 2)XIAO Jiehua
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(57) Abstract:

A modulation and transmission method includes: forming valid information bits and training sequence information into one to-be-transmitted information group; modulating the to-be-transmitted information group by using a first modulation mode; placing a third quantity of padding symbols altogether in symbol positions corresponding to two ends of a transmit frequency band and placing the valid information symbols in the remaining symbol positions of the transmit frequency band; performing an inverse discrete Fourier transform operation a cyclic prefix addition operation and a transmit pulse shaping operation on a transmission unit where a padding symbol is placed; and transmitting a transmission unit that has undergone transmit pulse shaping. Another modulation and transmission method and a modulation and transmission apparatus a communication system and a processor corresponding to the modulating and transmitting method can reduce power attenuation and reduce performance loss at a receiving end.

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

(22) Date of filing of Application:19/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR ANALYZING AND DETECTING MALICIOUS SOFTWARE

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (70) Signature (12/793,23 (10/806/201) (10/806/2	1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4Â FIN-02150 EspooÂ Finland Finland (72)Name of Inventor :
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(57) Abstract:

A method for providing analysis and detection of malicious software may include directing a comparison of patterns within sample code to a predetermined set of malicious software patterns \hat{A} determining whether the sample code is likely to be malicious software based on the comparison \hat{A} and \hat{A} in response to a determination that the sample code is likely to be malicious software \hat{A} determining a malicious software cluster with which the sample code is associated based on the patterns within the sample code. A corresponding computer program product and apparatus are also provided.

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

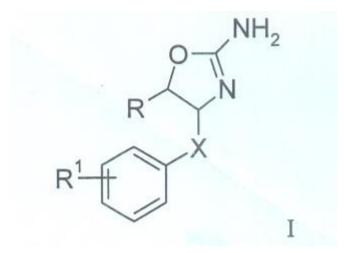
(22) Date of filing of Application :11/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: OXAZOLINE DERIVATIVES FOR TREATMENT OF CNS DISORDERS

(51) International classification	:C07D263/28	(71)Name of Applicant:
(31) Priority Document No	:09175712.0	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:11/11/2009	Address of Applicant :124 GRENZACHERSTRASSE, CH-
(33) Name of priority country	:EPO	4070 BASEL Switzerland
(86) International Application No	:PCT/EP2010/066960	(72)Name of Inventor:
Filing Date	:08/11/2010	1)GALLEY, GUIDO
(87) International Publication No	:WO 2011/057973	2)NORCROSS, ROGER
(87) International Lubication No	A1	3)POLARA, ALESSANDRA
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to compounds of formula wherein the definitions of X, R and R1 are provided in claim 1. It has now been found that the compounds of formula I have a good affinity to the trace amine associated receptors (TAARs), especially for TAAR1. The compounds may be used for the treatment of depression, anxiety disorders, bipolar disorder, attention deficit hyperactivity disorder (ADHD), stress-related disorders, psychotic disorders such as schizophrenia, neurological diseases such as Parkinson's disease, neurodegenerative disorders such as Alzheimer's disease, epilepsy, migraine, hypertension, substance abuse and metabolic disorders such as eating disorders, diabetes, diabetic complications, obesity, dyslipidemia, disorders of energy consumption and assimilation, disorders and malfunction of body temperature homeostasis, disorders of sleep and circadian rhythm, and cardiovascular disorders.



No. of Pages: 214 No. of Claims: 24

(22) Date of filing of Application: 14/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: FLUID EJECTION ASSEMBLY WITH CIRCULATION PUMP

(51) International classification	:B41J 2/175, B41J 2/045 , B41J 2/14	(71)Name of Applicant: 1)HEWLETT-PACKARD DEVELOPMENT COMPANYÂ
(31) Priority Document No	:NA	L.P.
(32) Priority Date	:NA	Address of Applicant :11445 Compaq Center Drive WestÂ
(33) Name of priority country	:NA	Houston Texas 77070 United States of America U.S.A.
(86) International Application No	:PCT/US2010/043480	(72)Name of Inventor:
Filing Date	:28/07/2010	1)ALEXANDER GOVYADINOV
(87) International Publication No	: NA	2)ERIK D. TORNIAINEN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)ROBERT MESSENGER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A fluid ejection assembly includes a fluid slot formed in a first substrate and a channel formed in a chamber layer disposed on top of a second substrate. The bottom surface of the second substrate is adhered to the top surface of the first substrate and fluid feed holes are formed between the fluid slot and the channel. A fluid ejection element is at a first end of the channel and a pump element is at a second end of the channel to circulate fluid horizontally through the channel and vertically through the fluid feed holes. [Fig. 2A]

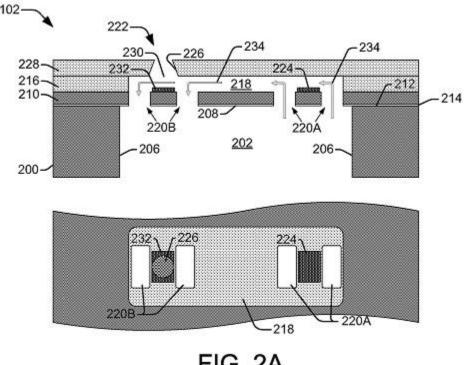


FIG. 2A

No. of Pages: 34 No. of Claims: 15

(21) Application No.10423/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: PROCESS FOR PRODUCTION OF HIGH PURITY BETA CAROTENE AND LYCOPENE CRYSTALS FROM FUNGAL BIOMASS

(51) International classification :C12P23/00,C07C403/24 (71)Name of Applicant : (31) Priority Document No :1380/CHE/2010 (32) Priority Date :17/05/2010 (33) Name of priority country :India

(86) International Application No :PCT/IN2011/000343 Filing Date :16/05/2011

(87) International Publication No :WO 2011/145113

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

1) DYNADIS BIOTECH INDIA PVT LTD

Address of Applicant :23 II Floor Vallalar Salai Raja Rajeswari Nagar Puducherry 605 011 Pondicherry India

(72)Name of Inventor: 1)JOSEPH Suresh

2) ANANDANE Arnaud

(57) Abstract:

The present invention relates to a simple and economic method of extracting a crystalline Carotenoid compound such as Beta carotene Lycopene with a purity of at least 99%. The present invention further describes a process to prepare such a highly pure crystalline Carotenoid compound from microbial biomass using an Anti purity compound removal process followed by a mono solvent extraction method. Further the process describes value addition of the co products recovered during the extraction process thus resulting in a highly economical industrial method for the production of such high purity crystalline Carotenoids compound.

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

(21) Application No.10426/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: â€@NOVEL GLUCAGON LIKE PEPTIDE ANALOGS COMPOSITION AND METHOD OF USE†•

(57) Abstract:

The present invention relates to novel analogs of glucagon like peptide and compositions that are useful for up-regulating insulin expression in mammals and for treating diabetes. In particular these peptide derivatives have a peptide mimic linker and provides long duration of action for the treatment of diabetes and other insulinotropic peptide related diseases gastrointestinal function and activities associated with glucagon levels.

No. of Pages: 72 No. of Claims: 26

(22) Date of filing of Application :14/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: SPOOLING MACHINE AND METHOD FOR MONITORING A SPOOLING MACHINE

(51) International classification :B65H63/00,B65H67/048 (71)Name of Applicant : (31) Priority Document No :10 2010 022 193.7

(32) Priority Date :20/05/2010 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/058247

Filing Date :20/05/2011

(87) International Publication No :WO 2011/144732 A1 (61) Patent of Addition to Application

:NA :NA Filing Date

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

1)OERLIKON TEXTILE GMBH & CO. KG Address of Applicant :Leverkuser Strasse 65 42897

Remscheid Germany (72) Name of Inventor: 1)LÃ-FFLER Andreas 2)BLUMBERG Axel

3)OESTERWIND Roland

(57) Abstract:

The invention relates to a spooling machine for winding a number of fibres into spools and to a method for controlling and/or monitoring such a spooling machine. The spooling machine has two projecting spool spindles (3.1 3.2) which are held on a rotatably mounted spool capstan (1). The spool spindles are guided by the spool capstan alternately into a spooling region and a changing region wherein the spool spindle interacts with a pressure roller (6) in the spooling region. The pressure roller is held on a movable roller carrier (20). A measuring device (11) is provided for controlling and monitoring the oscillations occurring at the spool spindles. According to the invention the measuring device has a fixed distance sensor (11.1 11.2) which interacts with a distance contour (13) formed on one of the movable components. In this case the component oscillation induced by the oscillations of the spool spindle is measured as a change in position of the component with respect to the machine frame.

No. of Pages: 36 No. of Claims: 21

(21) Application No.5082/CHENP/2012 A

(19) INDIA

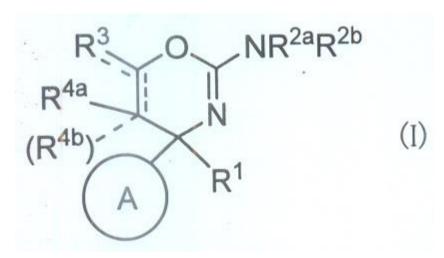
(22) Date of filing of Application :11/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: OXAZINE DERIVATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10/12/2010 :WO 2011/071135 A1 :NA :NA	(71)Name of Applicant: 1)SHIONOGI & CO., LTD. Address of Applicant:1-8, DOSHOMACHI 3-CHOME, CHUO-KU, OSAKA-CHI, OSAKA 541-0045 Japan (72)Name of Inventor: 1)MASUI, MORIYASU 2)HORI, AKIHIRO
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides, for example, a compound mentioned below as a medicament for treating or preventing the diseases induced by production, secretion or deposition of amyloid-p proteins. A compound of the formula (I): wherein R1, R2 a, R2 b, R3, R4 a, R4 b, ring A and the dashed lines are defined in the specification, its pharmaceutically acceptable salt or a solvate thereof.



No. of Pages: 144 No. of Claims: 14

(21) Application No.4249/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: ELASTIC FABRIC WITH ADHESIVE

(51) International classification	:B32B7/12	(71)Name of Applicant:
(31) Priority Document No	:61/261,594	1)INVISTA TECHNOLOGIES S.A.R.L.,
(32) Priority Date	:16/11/2009	Address of Applicant :ZWEIGNIEDERLASSUNG
(33) Name of priority country	:U.S.A.	ST.GALLEN, PESTALOZZISTRASSE 2, 9000 ST.GALLEN
(86) International Application No	:PCT/US2010/055559	Switzerland
Filing Date	:05/11/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/059884 A3	1)LIAO, TINAYI
(61) Patent of Addition to Application	:NA	2)COVELLI, CARMEN,A.
Number	:NA	3)LIU, HONG
Filing Date	.11/1	4)FARMER, DOUGLAS, K.
(62) Divisional to Application Number	:NA	5)WYNEGAR, FRED, C.
Filing Date	:NA	

(57) Abstract:

Included are elastic laminate articles that include multiple layers. This includes one stretch fabric comprising about 50% to 100% elastic fibers by weight of the fabric, including fabrics that include 100% elastic fibers and at least one adhesive.

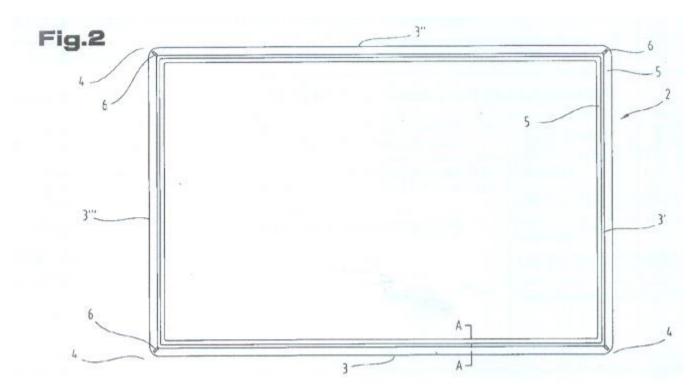
No. of Pages: 10 No. of Claims: 17

(22) Date of filing of Application: 13/07/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: UNDERLAY DEVICE FOR TRANSPORTATION AND PRESENTATION CONTAINERS

(51) International classification :A47F3/14,A47F5/11,B65D25/24 (71)Name of Applicant: (31) Priority Document No :GM 806/2009 1)Leisch Beratungs und Beteiligungs GmbH (32) Priority Date :17/12/2009 Address of Applicant: Fröhlerweg 19 A 4040 Linz Austria (33) Name of priority country (72)Name of Inventor: :Austria (86) International Application 1)LEISCH Franz :PCT/AT2010/000481 No :15/12/2010 Filing Date (87) International Publication :WO 2011/072317 A1 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:



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

(22) Date of filing of Application: 13/07/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: PHOSPHOROUS CONTAINING COPPER ANODE FOR ELECTROLYTIC COPPER PLATING METHOD FOR MANUFACTURING SAME AND ELECTROLYTIC COPPER PLATING METHOD

(51) International classification: C25D17/10,B21B3/00,C22C9/00 (71)Name of Applicant: (31) Priority Document No :2010-003718

(32) Priority Date :12/01/2010 (33) Name of priority country :Japan

(86) International Application :PCT/JP2011/050179

:07/01/2011 Filing Date

(87) International Publication :WO 2011/086978 A1

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)MITSUBISHI MATERIALS CORPORATION

Address of Applicant: 3 2 Otemachi 1 chome Chiyoda ku

Tokyo 1008117 Japan

(72)Name of Inventor: 1)NAKAYA Kiyotaka

2)KITA Koichi

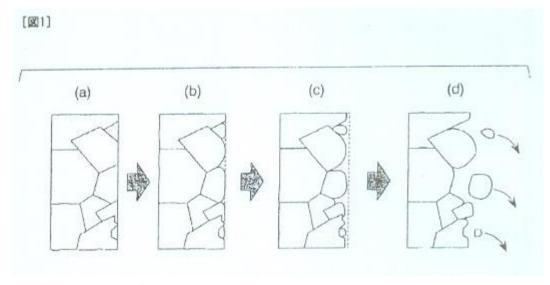
3)KUMAGAI Satoshi

4)KATO Naoki

5)WATANABE Mami

(57) Abstract:

Disclosed are a phosphorus containing copper anode for electrolytic copper plating a method for manufacturing the same and an electrolytic copper plating method using this all for enabling reduction of the plating defectives due to the slime. After giving machining strain to a phosphorus containing copper for electrolytic plating by processing the copper a recrystallization heat treatment is performed. Thereby the copper is made to have a crystal grain boundary structure having a special grain boundary length ratio Ls/L of 0.4 or more of the unit total special grain boundary length Ls calculated by converting the total special grain boundary length Ls of the special grain boundaries into the value per unit area 1 mm to the unit total grain boundary length L calculated by converting the total grain boundary length L of the crystal grain boundaries of the copper crystal grains in the surface of the anode into the value per unit area 1 mm. Consequently a black film is uniformly formed at the initial stage of the electrolytic copper plating and the black film is prevented from coming off thereby reducing the plating defectives.



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

(22) Date of filing of Application :26/07/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: HEAD RECOGNITION METHOD

(51) International classification	:G06K9/00	(71)Name of Applicant:
(31) Priority Document No	:09180783.4	1)SOFTKINETIC SOFTWARE
(32) Priority Date	:28/12/2009	Address of Applicant :15 Boulevard de la Plaine B 1050
(33) Name of priority country	:EPO	Brussels Belgium
(86) International Application No	:PCT/EP2010/070817	(72)Name of Inventor:
Filing Date	:28/12/2010	1)BAELE Xavier
(87) International Publication No	:WO 2011/080280	2)THOLLOT Julien
(67) International Lubication 140	A1	3)MARTINEZ GONZALEZ Javier
(61) Patent of Addition to Application	:NA	4)SIMONS Kevin
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Described herein is a method for recognising a human head in a source image. The method comprises detecting a contour of at least part of a human body in the source image calculating a depth of the human body in the source image. From the source image a major radius size and a minor radius size of an ellipse corresponding to a human head at the depth is calculated and for at least several of a set of pixels of the detected contour generating in an accumulator array at least one segment of an ellipse centred on the position of the contour pixel and having the major and minor radius sizes. Positions of local intensity maxima in the accumulator array are selected as corresponding to positions of the human head candidates in the source image.

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

(21) Application No.10570/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: LACTIC ACID BACTERIA FOR YOGHURT

(51) International classification :C12N1/20,C12N15/01,A23C9/123

(31) Priority Document No :10166614.7

(32) Priority Date :21/06/2010 (33) Name of priority country :EPO

(86) International Application

No :PCT/EP2011/060302 :21/06/2011

Filing Date .21/00/201

(87) International Publication :WO 2011/161085

No (61) Patent of Addition to .N.A

Application Number Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant: 1)CHR. HANSEN A/S

Address of Applicant :Boege Alle 10 12 DK 2970 Hoersholm

Denmark

(72)Name of Inventor:

1)FOLKENBERG Ditte Marie 2)GILLELADEN Christian 3)GULDAGER Helle Skov

The present invention relates to a method for obtaining a lactic acid bacteria strain which results in a high mechanical shear resistance of the products fermented with the strain and to bacteria strains obtainable by such a method. Furthermore the present invention relates to lactic acid bacteria strains which results in a high resistance towards mechanical shear treatment of the products fermented with the strains or mutants and variants thereof. The improved stability of the texture can be measured as reduced sedimentation in drinking yoghurt applications and reduced syneresis in set type yoghurt applications. Thus the present invention also relates to methods for

preparation of a fermented milk product such as a yoghurt with such lactic acid bacteria strains and to such fermented milk products.

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

(22) Date of filing of Application :19/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "METHOD FOR REPORTING SHORT MESSAGE STATUS AND SIGNALING INTERWORKING GATEWAY†•

(51) International classification	:H04W	(71)Name of Applicant:
(31) Priority Document No	:201010199056.6	1)ZTE CORPORATION
(32) Priority Date	:08/06/2010	Address of Applicant :ZTE Plaza Keji Road South Hi-
(33) Name of priority country	:China	Tech Industrial Park Nanshan District ShenzhenÂ
(86) International Application No	:PCT/CN2010/076115	Guangdong Province 518057Â China
Filing Date	:18/08/2010	(72)Name of Inventor:
(87) International Publication No	: NA	1)LANG LIN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abatmaat		•

(57) Abstract:

The disclosure claims a method for reporting short message status and a signaling interworking gateway. The method comprises: S102, signaling interworking gateway receives status report signaling transmitted from SMSC in source network, and forwards status report signaling to HLR in target network; 5104, Hub receives status report response from the HLR, and stores corresponding relationship between first target user number and second target user number in the status report response; S106, the Hub receives notification signaling from the HLR; S108, the Hub takes the user number `in the notification signaling as the second target user number, searches for the corresponding first target user number according to the corresponding relationship, replaces the user number in the notification signaling with the found first target user number, and sends the first target user number to the SMSC. The disclosure realizes the short message notification mechanism in roaming.

No. of Pages: 26 No. of Claims: 11

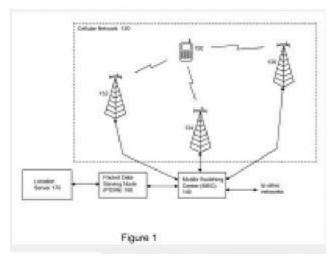
(22) Date of filing of Application :19/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "ADAPTIVE QUALITY OF SERVICE FOR WIRELESS COMMUNICATION DEVICE†•

(51) International classification	:H04W 28/18	(71)Name of Applicant:
(31) Priority Document No	:12/787,991	1)QUALCOMM INCORPORATED
(32) Priority Date	:26/05/2010	Address of Applicant :ATTN: International IP
(33) Name of priority country	:U.S.A.	Administration 5775 Morehouse Drive San DiegoÂ
(86) International Application No	:PCT/US2011/037413	California 92121-1714 U.S.A.
Filing Date	:20/05/2011	(72)Name of Inventor:
(87) International Publication No	:WO/2011/149786	1)JON J. ANDERSON
(61) Patent of Addition to Application	:NA	2)FRANCIS M. NGAI
Number	:NA	3)GLENN A. SALAMAN
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The subject matter disclosed herein relates to adaptive quality of service for a wireless communication device. In an aspect, one or more wireless signals may be received at a wireless communication device, and one or more attributes of an operating environment for the wireless communication device may be determined based at least in part on the wireless signals. Also, at least in part in response to said determination of the one of more attributes of the operating environment, one or more quality of service parameters of the wireless communication device may be adjusted. In another aspect, the one or more quality of service parameters may be related at least in part to one or more of a frequent calls mode of operation, a dual subscription mode of operation, or an emergency alert mode of operation.



No. of Pages: 62 No. of Claims: 50

(22) Date of filing of Application :28/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: NITROGEN-CONTAINING AROMATIC COMPOUNDS AND METAL COMPLEXES

Filing Date :29/10/20	Address of Applicant: 27-1, SHINKAWA 2-CHOME, CHUO- KU, TOKYO 104-8260 Japan 2)MAX PLANCK GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V.
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(57) Abstract:

To provide rdtrogen- containing aromatic compounds with, excellent oxygen reduction activity, metal complexes containing them, and catalysts and electrodes employing the same, the present invention provides an aromatic compound satisfying the following conditions (a) and (b): (a) It has 2 or more structures surrounded by at least 4 coordinatable nitrogen atoms (which structures may be the same or different), (b) At least one of the nitrogen atoms composing the structure is a nitrogen atom in a 6-membered mtrogen-containing heterocyclic ring.

No. of Pages: 126 No. of Claims: 23

(22) Date of filing of Application :01/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYSTEM FOR SUPPORTING AN EVAPORABLE GETTER OR VACUUM GUAGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:04/10/2010 :WO 2011/042579 A3 :NA :NA	(71)Name of Applicant: 1)ABENGOA SOLAR NEW TECHNOLOGIES, S.A. Address of Applicant: AVENIDA DE LA BUHAIRA 2, 41018 SEVILLA Spain (72)Name of Inventor: 1)MARTINEZ SANZ, NOELIA 2)ASENSIO PEREZ ULLIVARRI, JAVIER 3)BOMBIN ORTEGA, PABLO JOSE 4)PELAEZ FOMBELLIDA, JAVIER 5)RICO SANCHEZ, JOSE 6)MONTES GARCIA, DANIEL
- 133333 - 3	:NA :NA :NA	

(57) Abstract:

System for supporting an evaporable getter, which can be installed in any type of solar power receiving tube and which is mounted using a method that is much more automated than that used until now. Unlike the known prior art, this system consists of a clip-type supporting element having a substantially thin profile and an S-shaped base, the upper part thereof including a ring in which the pellet of evaporable getter is housed. Said pellet is supported by the pins of the supporting element, dispensing with the need for an additional contact part in order to secure the pellet. The clip is secured to the bellows-type expansion compensator, such that it remains inside the vacuum zone of the solar power receiving tube. (Figure 1)

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

(21) Application No.10345/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: RECTIFIER DEVICE

(51) International classification	:H02M7/12	(71)Name of Applicant:
(31) Priority Document No	:2010-155652	1)PANASONIC CORPORATION
(32) Priority Date	:08/07/2010	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2011/003912	(72)Name of Inventor:
Filing Date	:07/07/2011	1)YOSHIDA Izumi
(87) International Publication No	:WO 2012/005006	2)DOYAMA Yoshiaki
(87) International Fublication No	A1	3)KYOGOKU Akihiro
(61) Patent of Addition to Application	:NA	4)KAWASAKI Tomohiro
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a rectifier device that is configured so as to follow a desired target current waveform by chopping a semiconductor switch and is provided with an AC voltage phase detection means (201) an AC current detection means and a DC voltage detection means. A DC voltage (Vdc*) is adjusted so as to make the phase (?ON) at which the chopping of the semiconductor switch starts match a desired phase (?ON*). In the first half of the cycle of an AC power source the target current waveform is a combination of constant values or a monotonic increase and the second half includes segments in which the target current waveform is zero. This makes it possible to reduce both harmonic currents and circuit loss and maintain the same current waveform even if the DC voltage detection precision is not high or there are load changes.

No. of Pages: 29 No. of Claims: 5

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

(43) Publication Date: 13/11/2015

(54) Title of the invention : "POSITION DETERMINATION USING MEASUREMENTS FROM PAST AND PRESENT EPOCHS†•

(57) Abstract:

The subject matter disclosed herein relates to positioning systems and location determination using measurement stitching. [Figure 4]

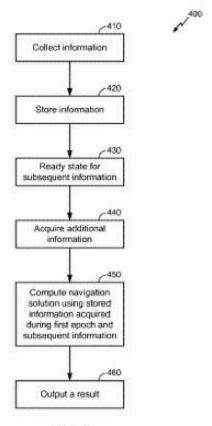


FIG. 4

No. of Pages: 41 No. of Claims: 39

(21) Application No.10376/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 12/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: PLC DESIGNING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 		(71)Name of Applicant: 1)MITSUBISHI ELECTRIC CORPORATION Address of Applicant: 7-3 Marunouchi 2-chome, Chiyoda-ku, Tokyo Japan (72)Name of Inventor:
Filing Date (87) International Publication No	:12/12/2012 : NA	1)TOBORI, Kenji
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An editor-screen display unit (111) configured to cause a display device (15) to display a list of one or more units applicable to a programmable logic controller, a unit-configuration display unit (116) configured to cause the display device (15) to display a model indicating an arrangement state of the one or more units of the programmable logic controller, a unit-selection/arrangement-input detecting unit (112) configured to detect unit selection operation for selecting a unit in the unit list using an input device (16) and unit arrangement operation for designating a CPU unit on the model by operating the input device (16) in a state in which the unit selection operation is maintained, and a management-CPU-determination processing unit (113) configured to determine a CPU that manages the unit selected by the unit selection operation as a CPU included in the CPU unit designated by the unit arrangement operation, arc included.

No. of Pages: 33 No. of Claims: 4

(21) Application No.10186/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: SOLID STATE IMAGING DEVICE

(51) International :H01L27/146,H04N5/357,H04N5/374 classification

(31) Priority Document No :2010149477

(32) Priority Date :30/06/2010 (33) Name of priority

:Japan country

(86) International :PCT/JP2011/003594

Application No :23/06/2011 Filing Date

(87) International :WO 2012/001923 Publication No

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

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

(71)Name of Applicant:

1)CANON KABUSHIKI KAISHA

Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku

Tokyo 1468501 Japan (72)Name of Inventor: 1)SHIMOTSUSA Mineo

(57) Abstract:

The present invention provides a solid state imaging device including a first substrate provided with a plurality of photoelectric conversion units thereon and a second substrate provided with a reading circuit and parallel processing circuits thereon. The solid state imaging device includes a DC voltage supply wiring configured to supply a DC voltage to the plurality of parallel processing circuits. The DC voltage supply wiring is formed by electrically connecting first conductive patterns provided on the first substrate with second conductive patterns provided on the second substrate.

No. of Pages: 29 No. of Claims: 8

(21) Application No.4385/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: MULTI-LAYER OPTICAL FILMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:11/11/2010 :WO 2011/062836 A1	(71)Name of Applicant: 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant: 3M CENTER, POST OFFICE BOX 33427 SAINT PAUL, MINNESOTA 55133-3427 U.S.A. (72)Name of Inventor: 1)HEBRINK, TIMOTHY, J. 2)ROEHRIG, MARK, A. 3)WEIGEL, MARK, D.
Filing Date	:11/11/2010	1)HEBRINK, TIMOTHY, J.
(87) International Publication No	:WO 2011/062836 A1	2)ROEHRIG, MARK, A.
(61) Patent of Addition to Application Number	:NA :NA	3)WEIGEL, MARK, D.
Filing Date (62) Divisional to Application Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Multi-layer optical film comprising optical layers reflecting at least 50 percent of incident UV light over specified wavelength ranges. Embodiments of the multi-layer optical films are useful, for example, as a UV protective covering.

No. of Pages: 78 No. of Claims: 9

(21) Application No.10558/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "DASH PANEL STRUCTURE FOR AUTOMOBILE†•

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/03/2011 :WO/2011/155238 :NA :NA :NA	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION Address of Applicant: 300 Takatsuka-cho Minami-kuÂ Hamamatsu-shi Shizuoka-ken Japan Japan (72)Name of Inventor: 1)FUTSUHARAÂ Yuki 2)KONDO Yorisada
Filing Date	:NA :NA	

(57) Abstract:

A cord-like element 4 is extending along a dash panel $3\hat{A}$ a component 19 from the cord-like element 4 is fixed to the dash panel 3 via a bracket $20\hat{A}$ the cord-like element 4 is fixed to the bracket $20\hat{A}$ the cord-like element 4 and the component 19 are fixed to the dash panel 3 via the bracket $20\hat{A}$ the cord-like element 4 is arranged on a vehicle rear side Rr from an opposed surface 20M of the bracket to an engine $E\hat{A}$ and the rigidity of fixed portions 3K of the dash panel 3 to which fixing portions 28A and 29A of the bracket 20 are fixed is set to be lower than the rigidity of the bracket 20.

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

(21) Application No.10560/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application:19/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: CRYSTALLINE BLOCK COMPOSITES AS COMPATIBILIZERS

(51) International

:C08L23/06,C08L23/12,C08L23/04

classification

(31) Priority Document No :61/356990

(32) Priority Date

:21/06/2010

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

(86) International Application

:PCT/US2011/041194

Filing Date

:21/06/2011

(87) International Publication

:WO 2011/163191

No

(61) Patent of Addition to

:NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71) Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland MI 48674

U.S.A.

(72) Name of Inventor:

1)LI PI SHAN Colin

2)WALTON Kim L.

3)MARCHAND Gary R.

4) CARNAHAN Edmund M.

5)GARCIA MEITIN Eddy I.

6)KARJALA Thomas

(57) Abstract:

Embodiments of the invention provide crystalline block composites and their use as compatibilizers.

No. of Pages: 53 No. of Claims: 8

(22) Date of filing of Application :15/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: COMPOUNDS AND METHODS FOR KINASE MODULATION, AND INDICATIONS THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:18/11/2010 :WO 2011/063159 A1 :NA :NA :NA	(71)Name of Applicant: 1)PLEXXIKON, INC. Address of Applicant:91 BOLIVAR DRIVE, SUITE A, BERKELEY, CALIFORNIA-94710 U.S.A. (72)Name of Inventor: 1)IBRAHIM, PRABHA, N. 2)SPEVAK, WAYNE 3)CHO, HANNA 4)SHI, SONGYUAN 5)ZHANG, CHAO 6)ZHANG, YING
Filing Date	:NA	0)ZIII (6, 11 (6

(57) Abstract:

Compounds and salts thereof, formulations thereof, conjugates thereof, derivatives thereof, forms thereof and uses thereof are described. In certain aspects and embodiments, the described compounds or salts thereof, formulations thereof, conjugates thereof, derivatives thereof, forms thereof are active on at least one Raf protein kinase. In certain aspects and embodiments, the described compounds are active in inhibiting proliferation of a Ras mutant cell line. Also described are methods of use thereof to treat diseases and conditions, including diseases and conditions associated with activity of B-RafV600E mutant protein kinase, including melanoma, glioma glioblastoma multiforme, pilocytic astrocytoma, colcrectal cancer, thyroid cancer, lung cancer, ovarian cancer, prostate cancer, liver cancer, gallbladder cancer, gastrointestinal stromal tumors, biliary tract cancer, and cholangiocar cinoma Also described are methods of use thereof to treat diseases and conditions including diseases and conditions associated with activity of c-Raf-I protein kinase, including acute pain, chronic pain or polycystic kidney disease.

No. of Pages: 278 No. of Claims: 40

(21) Application No.10268/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: MULTI LAYER WOOD VENEER MOULDING

(51) International classification	:B32B21/00,B27D1/04	(71)Name of Applicant:
(31) Priority Document No	:00747/10	1)3A TECHNOLOGY & MANAGEMENT LTD.
(32) Priority Date	:12/05/2010	Address of Applicant :Badische Bahnhofstrasse 16 CH 8212
(33) Name of priority country	:Switzerland	Neuhausen am Rheinfall Switzerland
(86) International Application No	:PCT/EP2011/002351	(72)Name of Inventor:
Filing Date	:12/05/2011	1)FISCHER Christian
(87) International Publication No	:WO 2011/141171	2)LAVANCHY Sebastien
(61) Patent of Addition to Application	:NA	3)WOLF Thomas
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a multi layer moulding (1) having a high structural load carrying capacity comprising two opposite broad faces (10 11) and an end face (6a 6b 6c 6d) that extends around the sides containing in layers broad face on broad face laminated veneers (2 2 2" 2" 3) and adhesives between the veneers (2 2 2" 2" 3). The veneers (2 2 2" 2" 3) are laminated in such a manner that the grain (4) of at least one of the veneers (2 2 2" 2" 3) deviates by 45\AA° to 90\AA° from the grain (4) of the other veneer or veneers (2 2 2" 2" 3) and in such a manner that the grain (4) of the veneers deviates by 22.5 to 67.5\AA° with respect to a surface normal to an end face (6a 6b 6c 6d) of the moulding (1).

No. of Pages: 26 No. of Claims: 14

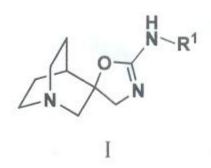
(22) Date of filing of Application :16/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : QUINUCLIDINE COMPOUNDS AS ALPHA-7 NICOTINIC ACETYLCHOLINE RECEPTOR LIGANDS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D498/20 :NA :NA :NA :PCT/US2009/062492 :29/10/2009 :WO 2011/053292 A1 :NA :NA :NA	1)COOK II, JAMES H. 2)MCDONALD IVAR M
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(57) Abstract:

The disclosure provides compounds of formula I, including their salts, as well as compositions and methods of using the compounds. The compounds are ligands for the nicotinic a7 receptor and may be useful for the treatment of various disorders of the central nervous system, especially affective and neurodegenerative disorders.



No. of Pages: 402 No. of Claims: 5

(21) Application No.4231/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: A NUCLEOTIDE SEQUENCE AND A PROCESS THEREOF

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BIOCON LIMITED
(32) Priority Date	:NA	Address of Applicant :20th KM Hosur Road Electronic
(33) Name of priority country	:NA	City P.O. Bangalore – 560 100 Karnataka India.
(86) International Application No	:NA	Rajasthan India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)NAGARAJ GOVINDAPPA
(61) Patent of Addition to Application Number	:NA	2)SANKAR PERIYASAMY
Filing Date	:NA	3)SHIVAKUMAR MADENAHALLI CHANNABASAPPA
(62) Divisional to Application Number	:NA	4)SUMA SREENIVAS
Filing Date	:NA	5)KEDARNATH NANJUND SASTRY

(57) Abstract:

The present disclosure relates to a process of identification and isolation of sorbitol dehydrogenase promoter from Pichia pastoris. Further the present disclosure also relates to expression of heterologous proteins under the control of Sorbitol dehydrogenase promoter in Pichia pastoris.

No. of Pages: 21 No. of Claims: 12

(22) Date of filing of Application :23/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM, WIRELESS COMMUNICATION APPARATUS AND WIRELESS COMMUNICATION METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:25/11/2010 :WO 2011/065409 A1 :NA :NA	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: 7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan (72)Name of Inventor: 1)IKUTA, KOJI
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a wireless communication system performing wireless communication via a wireless transmission path, a first wireless communication apparatus includes a receiver that receives a wireless signal via a wireless transmission path, a disconnection detector that detects disconnection of a wireless line connected to a second communication apparatus, a modulation controller that selects a modulation scheme, enabling communication under poor conditions in a transmission path, rather than a modulation scheme which has been used in wireless communication, and a transmitter that notifies the modulation scheme selected by the modulation scheme controller to the second wireless communication apparatus. The second wireless communication apparatus includes a receiver that receives the selected modulation scheme from the first wireless communication apparatus, and a transmitter that transmits signals to the first wireless communication apparatus based on the selected modulation scheme which is received by the receiver.

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

(21) Application No.4164/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : A FEMTOCELL BASE STATION, AND A METHOD OF TRIGGERING TRANSFER OF A RADIO CONNECTION WITH A USER TERMINAL FROM A MACROCELL BASE STATION TO A FEMTOCELL BASE STATION

(57) Abstract:

A method is provided of triggering transfer of connection by radio with a user terminal from a macrocell base station to a femtocell base station. The method comprises: the femtocell base station sending a triggering signal to the user terminal at the carrier frequency of the macrocell, the user terminal reacting by seeking to transfer the connection to the femtocell base station. (Fig-3)

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

(22) Date of filing of Application :06/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention: ANTENNA ORIENTATION DETERMINATION

(51) International classification	:H01Q3/08,H01Q3/02	(71)Name of Applicant:
(31) Priority Document No	:12/796542	1)EchoStar Technologies L.L.C.
(32) Priority Date	:08/06/2010	Address of Applicant :100 Inverness Terrace East Englewood
(33) Name of priority country	:U.S.A.	Colorado 80112 U.S.A.
(86) International Application No	:PCT/US2011/039055	(72)Name of Inventor:
Filing Date	:03/06/2011	1)OTTO Troy
(87) International Publication No	:WO 2011/156223	2)JARAMILLO Harold
(61) Patent of Addition to Application	:NA	3)TOMKO Joseph E.
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of determining a current orientation of an antenna compared to a desired orientation is presented. In the method current orientation data indicating a current orientation of the antenna is generated in circuitry mounted to the antenna. Data indicating a desired orientation for the antenna at the geographical location of the antenna is received. The desired orientation data is compared with the current orientation data. Based on this comparison alignment information is generated which indicates whether the current orientation of the antenna aligns with the desired orientation of the antenna.

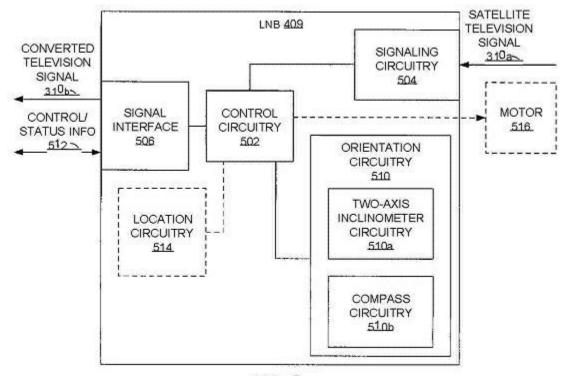


FIG. 5

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

(21) Application No.10229/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention: PARTICULATE WATER SOLUABLE POLYMERIC POLYOL TREATED WITH TRIALKYL ORTHOESTERS OR TETRAALKYL ORTHOCARBONATES

(51) International

:C08B11/20,C08B15/00,C08B31/00 classification

(31) Priority Document No (32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/IB2010/001377 No

:08/06/2010 Filing Date

(87) International Publication: WO 2011/154757

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

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland Michigan

48674 U.S.A.

(72) Name of Inventor:

1)BRACKHAGEN Meinolf 2)MALLON Charles B.

3)PARTAIN Emmett Malone III 4)SCHNEIDER Hans Peter

5)WASSERMAN Eric Paul

(57) Abstract:

The present invention relates to a particulate water soluble polymeric polyol that is treated with a compound represented by formula (I) CR(OR) (I) wherein Ris selected from hydrogen a C C alkyl group and an aryl group Ris independently at each occurrence selected from a C C alkyl group and an aryl group and x is selected from the integer 0 and 1; or with a combination of said compounds to a method for treating a particulate water soluble polymeric polyol with the above compound and to a method for the preparation of an aqueous solution of the treated particulate water soluble polymeric polyol.

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

(22) Date of filing of Application :06/07/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: PACKS IN PARTICULAR FOR CIGARETTES AND METHOD AND APPARATUS FOR PRODUCING SAID PACKS

(51) International :B65D77/02,B65D77/12,B65D85/10

classification

:10 2009 057 373.9 (31) Priority Document No (32) Priority Date :09/12/2009 (33) Name of priority country: Germany

(86) International :PCT/EP2010/006412

Application No :20/10/2010 Filing Date

(87) International Publication :WO 2011/069575 A1

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

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

(71)Name of Applicant:

1)FOCKE & CO. (GMBH & CO. KG)

Address of Applicant :Siemensstrasse 10 27283 Verden

Germany

(72) Name of Inventor:

1)BUSE Henry

2)LOHMANN Reinhard

(57) Abstract:

The invention relates to a pack for articles to be packed in particular for cigarettes comprising an outer pack (12) preferably in the design of a flip pack and an inner pack (13) as sealed block (25) having an inner pre cut part (26) which surrounds the pack contents in particular a group (11) of cigarettes and is made from a thermally sealable foil which is preferably a barrier to aroma and moisture which pack has an opening aid in the region of an inner end wall (33) which opening aid can be used multiple times and folding tabs in the region of side walls of the inner pack (13) which folding tabs are joined to one another by thermal sealing. There is provision according to the invention for folding tabs (108 109) to be formed as a fin fold in the region of an inner rear wall (34) of the inner pre cut part (26) and to be joined to one another by thermal sealing outside the region of the group (11) of cigarettes to form a fin seam (37) wherein the fin seam (37) is arranged in the region of the inner side walls (35) at a spacing from regions of folding tabs which overlap one another multiple times. Furthermore the invention relates to a method for producing the pack and to an apparatus which is suitable for said method.

No. of Pages: 39 No. of Claims: 17

(21) Application No.6018/CHENP/2007 A

(19) INDIA

(22) Date of filing of Application :28/12/2007

(43) Publication Date: 13/11/2015

(54) Title of the invention: "LIPID-IMPROVING AGENT AND COMPOSITION CONTAINING LIPID-IMPROVING AGENT"

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A23D9/00, A23L1/30 :: :05/05/2014 :Argentina :PCT/JP2004/004282 :26/03/2005	2)FUKAMI, HARUKAZU
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on 	:WO 2004/085582 :NA :NA :02372/CHENP/2005 :23/09/2005	3)GODA, TOSHINAO

(57) Abstract:

The present invention relates to a lipid-improving agent containing a triglyceride(s) where a poly-unsaturated fatty acid is bonded to 2-position of a triglyceride(s).

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

(22) Date of filing of Application :04/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: OXIDATION PROCESS FOR PREPARING 3 FORMYL CEPHEM DERIVATIVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:C07D501/34 :10162407.0 :10/05/2010 :EPO :PCT/EP2011/057404 :09/05/2011 :WO 2011/141415 :NA :NA	(71)Name of Applicant: 1)BASILEA PHARMACEUTICA INTERNATIONAL LTD. Address of Applicant: Grenzacherstrasse 487 CH 4058 Basel Switzerland (72)Name of Inventor: 1)VERVEST Ivan Joseph Maria
(61) Patent of Addition to Application Number	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an improved process for oxidizing 3 hydroxy methyl cephem derivatives to the corresponding 3 formyl cephem derivatives. In particular this oxidation process is for the preparation of 7 [2 (5 amino [1 2 4]thia diazol 3 yl) 2 hydroxyimino acetylamino] 3 formyl 8 oxo 5 thia 1 aza bicyclo[4.2.0]oct 2 ene 2 carboxylic acid derivatives of formula (I) using a combination of a hypervalent iodine oxidizing agent of the type 10 I 3 such as bis(acetoxy)iodo benzene (BAIB) and a catalyst such as 2 2 6 6 tetramethyl 1 piperidinyloxy (TEMPO). These compounds of formula (I) are intermediates in the synthesis of ceftobiprole.

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

(21) Application No.10147/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: CONTROLLER FOR A DRIVE SYSTEM

(51) International :B60W30/18,B60W20/00,B60W10/06 classification

(31) Priority Document No :206061

(32) Priority Date :30/05/2010 (33) Name of priority

:Israel country

(86) International :PCT/IL2011/000416 Application No

:30/05/2011 Filing Date

(87) International

:WO 2011/151816 Publication No

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

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

(71)Name of Applicant:

1)ISRAEL AEROSPACE INDUSTRIES LTD.

Address of Applicant :Ben Gurion International Airport 70100

Lod Israel

(72) Name of Inventor:

1)BRAIER Ran 2)PERRY Arie

(57) Abstract:

A primary controller disclosed. The primary controller is configured for controlling operation of a drive system comprising a prime mover a generator and a motor wherein the prime mover is configured to provide energy to the generator which is configured to drive the motor. The controller comprises a speed controller configured for determining a target speed of the motor dependent on externally supplied speed input and a torque controller configured for determining a target torque of the motor based on externally supplied torque input and on parameters of the vehicle. The primary controller is configured to simultaneously determine the target speed and the target torque and to simultaneously control the prime mover generator and motor to operate the motor at the target speed and the target torque.

No. of Pages: 19 No. of Claims: 42

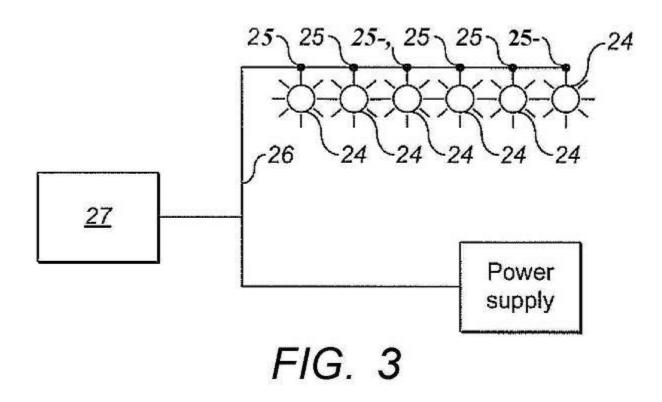
(22) Date of filing of Application :04/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: LED LIGHTING DEVICES

(51) International classification(31) Priority Document No(32) Priority Date	:H05B37/02 :1007727.9 :10/05/2010	(71)Name of Applicant: 1)MAXGREEN LED LIMITED Address of Applicant :OMC CHAMBERS WICKHAMS
(33) Name of priority country	:U.K.	CAY 1 ROAD TOWN TORTOLA British Virginia
(86) International Application No	:PCT/EP2011/057414	(72)Name of Inventor:
Filing Date	:09/05/2011	1)FOTI Ivan
(87) International Publication No	:WO 2011/141420	
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A lighting device includes an LED light source (20) operable by electric power supplied to the device and a control system (23) receiving electric power from an external power supply (26) and supplying power to the light source (20). The control system (23) also being operable of operating in a second mode to supply power to the light source (20) only on receipt by the control system (23) via the power supply (26) of a signal identifying said device. Thus the device (24) can be incorporated in a conventional lighting circuit or a circuit in which the devices (24) are individually controlled.



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

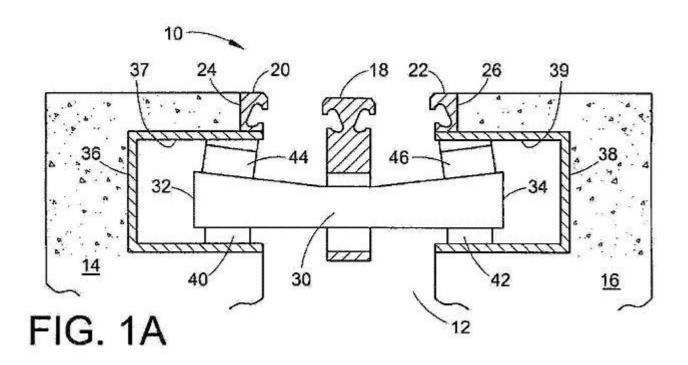
(22) Date of filing of Application :11/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : EXPANSION JOINT SYSTEM USING FLEXIBLE MOMENT CONNECTION AND FRICTION SPRINGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:12/781063	(71)Name of Applicant: 1)CONSTRUCTION RESEARCH & TECHNOLOGY GMBH Address of Applicant :Dr. Albert Frank Str. 32 83308 Trostberg Germany (72)Name of Inventor: 1)BRADFORD Paul
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

An expansion joint system for bridging a gap that is located between spaced apart structural members. The expansion joint system may be utilized for example in roadway bridge and tunnel constructions where gaps are formed between spaced apart adjacent concrete sections. The expansion joint system includes flexible moment connections for connecting vehicle load bearing members (18) to the support member (30). The expansion joint system includes flexible moment connections and in certain embodiments friction springs.



No. of Pages: 21 No. of Claims: 24

(21) Application No.10336/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : APPLICATOR DEVICE FOR APPLYING AT LEAST ONE APPLICATION AGENT TO FIBROUS MATERIAL

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application No
Filing Date
(87) International Publication No
(345D19/02,A45D24/28
(302/06/2010
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(61) Patent of Addition to Application
Number
Filing Date
:NA
:NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)WAGNER Anke

Address of Applicant :Bugostraße 1 88682 Salem Germany

2)MÜHLBERGER Andreas

3)EICHE Daniel

4)MÜHLBERGER Michael

5)ROTH Peter

(72)Name of Inventor:

1)WAGNER Anke

2)MÜHLBERGER Andreas

3)EICHE Daniel

4)MÜHLBERGER Michael

5)ROTH Peter

(57) Abstract:

The invention relates to an applicator device for applying at least one application agent (10a) to fibrous material in particular an applicator device for applying an application agent (10a) to hair. Said device comprises a housing unit (11a) that contains at least one depot volume (12a) for storing the application agent(s) (10a) and at least one application volume (13a) that is connected to the depot volume (12a).

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

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : "CONCRETE LIFTING ANCHORS†•

(51) International classification	:E04C 5/12, B66F 19/02 , E04C 5/16	(71)Name of Applicant: 1)CASNE VERIGE PTY LTD
(31) Priority Document No	:NA	Address of Applicant :Ground Floor 18 Dequetteville
(32) Priority Date	:NA	Terrace Kent Town South Australia 5067 Australia
(33) Name of priority country	:NA	Australia
(86) International Application No	:PCT/AU2010/000831	(72)Name of Inventor:
Filing Date	:30/06/2010	1)SLADOJEVICÂ Robert
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tension bar for an edge lift anchor for a concrete panel the tension bar being shaped to provide a central portion to lie adjacent a head portion of the anchor and legs extending from each end of the central portion an inner side of each leg being profiled to lock into the surrounding concrete the profiling being formed by a series of longitudinally spaced formations each of generally sawtoothed shape with a leading edge of each formation facing towards the head portion such that on application of tensile load to the tension bar the leg will lock into the concrete with a generally compressive loading being applied to the concrete in the zone between the two legs.. [FIG: 1]

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

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: "SYSTEM FOR OPTIMIZING COLLECTION AND/OR DELIVERY TRIPS†•

(51) International classification	:G06Q 10/00, G01C 21/36	(71)Name of Applicant: 1)DEUTSCHE POST AG
(31) Priority Document No	:10165227.9	Address of Applicant :Charles-de-Gaulle-Straße 20 53113
(32) Priority Date	:08/06/2010	Bonn German Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/058559	1)PAULÂ Boris
Filing Date	:25/05/2011	2)WILD Verena
(87) International Publication No	: NA	3)SCHULTE-HILLEN Thomas
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)ULRICH Keith
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a system (1) for optimizing collection trips and/or delivery trips of a courier service, comprising a computer system (2) with a database (21) for storing address data records and for providing (B) the address data records for a navigation system (4) which can at least be read in at least one of the courier vehicles (3) belonging to the courier service, has a display screen (41) for navigation information and comprises an input system (42) in the courier vehicle, which input system is connected to the computer system (2) and is intended for the input of at least one item of additional information (ZU1, ZU-2, ZU-3) relating to at least one address data record, wherein the computer system (2) is suitable for inserting (E) the additional information (ZU1, ZU-2, ZU-3) into the stored address data records. The invention also relates to a method for using this system. (Fig 1)

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

(12) TATENT ALTEICATION TOBLICATION

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AIR-COOLED FUEL CELL VEHICLE†•

(51) International classification	:B60K 11/06, B60K 1/04, B60K 11/04	(71)Name of Applicant: 1)SUZUKI MOTOR CORPORATION
(31) Priority Document No	:2010-166833	Address of Applicant :300 Takatsuka-cho Minami-kuÂ
(32) Priority Date	:26/07/2010	Hamamatsu-shi Shizuoka-ken Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:PCT/JP2011/062885	1)Takanori MURAKAMI
Filing Date	:06/06/2011	2)Shiro MATSUMOTO
(87) International Publication No	: NA	3)Tohru OHTA
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.10526/CHENP/2012 A

(57) Abstract:

(19) INDIA

The cooling performance on an aircooled fuel cell stack and a radiator for cooling electrical equipment is improved in an aircooled fuel cell vehicle. The air cooled fuel cell stack (12) includes: air inlets (27L, 27R) respectively at both side portions in a vehicle width direction (Y); and air outlets (28L, 28R) and an exhaust duct (29) at a central portion in the vehicle width direction (Y), the exhaust duct (29) configured to discharge air flowing out of the air outlets (28L, 28R) to a rear side of the vehicle. Intake ducts (32L, 32R) extending toward the front portion of the vehicle are respectively connected to the air inlets (27L, 27R). Air intake ports (33L, 33R) of the intake ducts (32L, 32R) are respectively opened at both side portions, in the vehicle width direction (Y), of a radiator (26) and at positions closer to the front portion of the vehicle than the radiator (26). (Fig. 1)

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

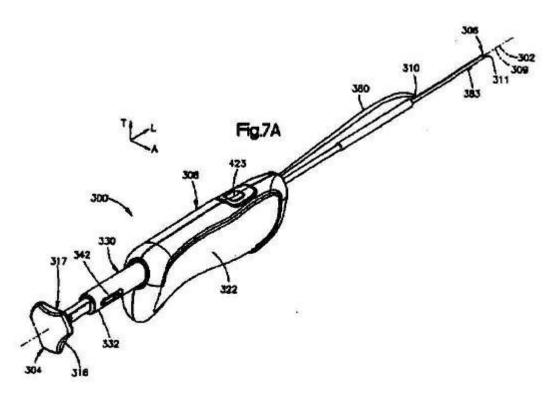
(22) Date of filing of Application: 18/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: INSERTION INSTRUMENT FOR ANCHOR ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B17/04 :61/398699 :29/06/2010	(71)Name of Applicant: 1)SYNTHES USA LLC Address of Applicant:1302 Wrights Lane East West Chester PA 19380 U.S.A. 2)SYNTHES GMBH (72)Name of Inventor: 1)OVERES Tom 2)TALBOT James 3)VENNARD Daniel 4)HENRICHSEN Kevin 5)MANOS Jamie 6)LARSEN Scott 7)SINGHATAT Wamis
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(57) Abstract:

Abstract: An insertion instrument is configured to eject a pair of anchor bodies across an anatomical gap so as to approximate the gap. The insertion instrument can include a single cannula that retains the pair of anchor bodies in a stacked relationship, or a pair of adjacent cannulas that each retain respective anchor bodies. The insertion instrument can be actuated so as to eject the anchor bodies into respective target anatomical locations.



No. of Pages: 173 No. of Claims: 47

(21) Application No.10278/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : REACTOR CORE TUBE INSPECTION METHOD AND PRODUCTION METHOD OF PARENT METAL FOR SILICA GLASS OPTICAL FIBRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C03B8/04,C03B37/014 :2010149159 :30/06/2010 :Japan :PCT/JP2011/065004 :30/06/2011 :WO 2012/002476 :NA :NA	(71)Name of Applicant: 1)Fujikura Ltd. Address of Applicant: 5 1 Kiba 1 chome Koto ku Tokyo 1358512 Japan (72)Name of Inventor: 1)ENDO Sho
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The disclosed reactor core tube inspection method is used for dehydrating/sintering the parent metal for a silica glass optical fibre and forms a sintering furnace that provides a furnace body that covers a heater provided to the outer circumference of the reactor core tube. The disclosed inspection method detects breaks in the reactor core tube by measuring the internal pressure of the furnace body while varying the internal pressure of the reactor core tube.

No. of Pages: 28 No. of Claims: 6

(22) Date of filing of Application :07/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: CALL ADMISSION AND PREEMPTION FOR MULTIPLE BIT RATE APPLICATIONS

(51) International classification	:H04L12/56,H04W72/08	(71)Name of Applicant:
(31) Priority Document No	:12/814864	1)ALCATEL LUCENT
(32) Priority Date	:14/06/2010	Address of Applicant :3 avenue Octave Gréard F 75007
(33) Name of priority country	:U.S.A.	Paris France
(86) International Application No	:PCT/US2011/039210	(72)Name of Inventor:
Filing Date	:06/06/2011	1)CHU Thomas P.
(87) International Publication No	:WO 2011/159500	2)DOUMI Tewfik
(61) Patent of Addition to Application	:NA	3)SUN Dong
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of the present invention are directed to providing a method and system for call admission control and preemption of multiple bit rate applications in a digital communication system. Multiple bit rate applications such as streaming video can specify a Quality of Service (QoS) profile having multiple levels. When there are insufficient resources in the network to support an incoming multiple bit rate call the system determines whether by reducing the bit rate of the incoming call or by preemption of lower priority components of existing calls enough resources can be recovered to support the incoming call.

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

(22) Date of filing of Application :10/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: AQUEOUS DISPERSIONS CONTAINING ANTIMICROBIALS IN A HYBRID NETWORK

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :NA	170306.6 /09/2009 PO CT/EP2010/062929 /09/2010 O/2011/032845 A	1)BASF SE Address of Applicant :67056 Ludwigshafen Germany Germany (72)Name of Inventor : 1)RAMANUJACHARYÂ Manivannan 2)FECHTENKÃ-TTER Andreas 3)S Thevigha 4)HUANG MingXing 5)FAUGEROUX Frédéric 6)YONG Chee Seng 7)MEHTA Bir Darbar 8)PENG Chib-Cheng (deceased) [(PENG Kajije and LIII]
Filing Date :NA	A	8)PENG Chih-Cheng (deceased) [(PENG Kaijie and LIU Yanfei) (Legal heirs)]

(57) Abstract:

The invention relates to a method of preparing a composition comprising (a) reacting - a binder component (B) comprising at least one alkoxysilane (B2). and a polymer dispersion (PD). thus obtaining a prepolyrner and subsequently (b) mixing or hydrolyzing and polycondensing said prepolymer in the presence of - water and - at least one antimicrobial agent (Z) comprising at least one antimicrobial active (Zi) and optionally a particulate carrier substance (Z2) \hat{A} wherein the at least one antimicrobial agent (Z) is unreactive during step (b).

No. of Pages: 49 No. of Claims: 17

(21) Application No.4702/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/05/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: A MOBILE UNIT FOR WIRELESS COMMUNICATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Divisional to Application Number 	:14/03/2007 :WO/2007/126595 :NA :NA	(71)Name of Applicant: 1)LUCENT TECHNOLOGIES INC. Address of Applicant: 600-700 MOUNTAIN AVENUE, MURRAY HILL, NEW JERSEY 07974-0636 U.S.A. (72)Name of Inventor: 1)CASATI, ALESSIO 2)PALAT, SUDEEP, KUMAR 3)TATESH, SAID
(62) Divisional to Application Number Filed on	:4995/CHENP/2008 :14/03/2007	

(57) Abstract:

The present invention provides a method tor assigning a mobile unit to a tracking area based upon a location update frequency. The method includes selecting one of a technology-specific tracking area and a shared tracking area based on a location update frequency associated with a mobile unit. Fig.1

No. of Pages: 22 No. of Claims: 24

(22) Date of filing of Application :06/12/2012

(43) Publication Date: 13/11/2015

(54) Title of the invention : LOOM FOR PRODUCING WOVEN GOODS OR MATERIAL WITH AN INCORPORATED COVER THREAD

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to	:D03D31/00,D03D35/00,D03D41/00 :10165399.6 :09/06/2010 :EPO :PCT/EP2011/059494 :08/06/2011 :WO 2011/154449 A1	(71)Name of Applicant: 1)TEXTILMA AG Address of Applicant: Kehrsitenstrasse 23 CH 6362 Stansstad Switzerland (72)Name of Inventor: 1)STUDER Walter 2)BÜHLER Stefan
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In order to improve a loom for producing woven goods or material (10) with an incorporated cover thread (12) it is proposed to provide a laying device at least one cover thread (12) and also a warp laying device (9) with warp laying elements (14) for laying further warp threads (8). The warp laying device (9) is designed such that it can make the further warp threads (8) penetrate from a starting position through the upper shed (5) to the lower shed (4) or through the lower shed to the upper shed and therefore the weft insertion device (7) crosses the further warp threads (8). The laying device has at least one cover thread guide (13) which in the starting position of the warp laying device (9) can be displaced transversely to the warp threads (2) by way of a transverse movement means.

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

(22) Date of filing of Application :06/12/2012

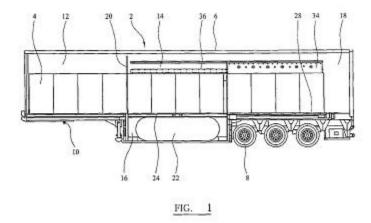
(43) Publication Date: 13/11/2015

(54) Title of the invention: LOAD HANDLING APPARATUS FOR HANDLING GOODS IN VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:1009572.7 :08/06/2010 :U.K. :PCT/EP2011/059404 :07/06/2011 :WO 2011/154410 :NA :NA	(71)Name of Applicant: 1)MIDDLEGATE MARKETING LIMITED Address of Applicant: Progress House Progress Park Cupola Way Off Normanby Road Scunthorpe Lincolnshire DN15 9YJ U.K. (72)Name of Inventor: 1)DIBDIN Thomas Peter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A load handling apparatus for handling goods in a vehicle is disclosed. The apparatus comprises a support (34) adapted to support a platform having goods (4) located thereon and the support is adapted to be mounted to the interior of the vehicle and to be moveable between a loading position and a transport position while supporting the platform.



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

(21) Application No.4223/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012 (43) Publication Date : 13/11/2015

$(54) \ Title \ of the invention: POLYPEPTIDES \ HAVING \ CELLOBIOHYDROLASE \ ACTIVITY \ AND \ POLYNUCLEOTIDES \ ENCODING \ SAME$

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (51/256,074 (29/10/2009 (U.S.A. (PCT/US2010/0 (28/10/2010 (WO2011/0597 (NA	(72)Name of Inventor :
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(57) Abstract:

The present invention relates to isolated polypeptides having cellobiohydrolase activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs \hat{A} vectors \hat{A} and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages: 269 No. of Claims: 20

(22) Date of filing of Application :04/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: MULTISPECIFIC ANTIBODIES, ANTIBODY ANALOGS COMPOSITIONS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:03/12/2010 :WO 2011/069104 A3	(71)Name of Applicant: 1)F. HOFFMANN-LA ROCHE AG Address of Applicant: 124 GRENZACHERSTRASSE, CH- 4070 BASEL Switzerland (72)Name of Inventor: 1)SCHEER, JUSTIN 2)VANDLEN, RICHARD, L.
(86) International Application No	:PCT/US2010/058958	(72)Name of Inventor:
Filing Date	:03/12/2010	1)SCHEER, JUSTIN
(87) International Publication No	:WO 2011/069104 A3	2)VANDLEN, RICHARD, L.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Multispecific antibodies-that specifically bind at least two different epitopes are provided. Structural variants of native antibodies (antibody analogs) are also provided. Also provided are multispecific antibodies and antibody analogs having a range of biological activities. Agonist and antagonist multispecific antibodies and agonist antibody analogs are provided. Multispecific antibodies and antibody analogs conjugated with therapeutic and/or diagnostic agents are also provided, as are multispecific antibodies and antibody analogs conjugated with agents to increase in vivo half-life compared to multispecific antibodies and antibody analogs lacking such agents. In addition, methods of making multispecific antibodies and antibody analogs and compositions comprising multispecific antibodies and antibody analogs are provided. Therapeutic, research, and diagnostic uses of multispecific antibodies and antibody analogs are also provided.

No. of Pages: 194 No. of Claims: 40

(21) Application No.10497/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 17/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: QUINOLIZIDINE AND INDOLIZIDINE DERIVATIVES

(51) International

:C07D455/02,C07D471/04,A61K31/437

classification

(31) Priority Document

:10166776.4

:EPO

:NA

:NA

:22/06/2010 (32) Priority Date (33) Name of priority

country

(86) International

:PCT/EP2011/060077 Application No :17/06/2011

Filing Date

(87) International :WO 2011/161008 Publication No

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

(62) Divisional to Application Number

Filing Date

(71)Name of Applicant:

1)F. HOFFMANN LA ROCHE AG

Address of Applicant: Grenzacherstrasse 124 CH 4070 Basel

Switzerland

(72) Name of Inventor:

1)KOLCZEWSKI Sabine

2)PINARD Emmanuel

(57) Abstract:

2123The present invention relates to a compound of general formula I A or I B wherein X is a bond or a CH group; R R and R are independently from each other hydrogen lower alkoxy lower alkyl substituted by halogen or S lower alkyl; or to a pharmaceutically acceptable acid addition salt to a racemic mixture or to its corresponding enantiomer and/or optical isomer thereof. It has been found that the compounds of general formulas I A and I B are good inhibitors of the glycine transporter 1 (GlyT 1) and that they have a good selectivity to glycine transporter 2 (GlyT 2) inhibitors suitable in the treatment of neurological and neuropsychiatric disorders.

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

(21) Application No.10499/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: ROTARY COLUMN SELECTOR VALVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16K11/074 :61/346752 :20/05/2010 :U.S.A. :PCT/US2011/037380 :20/05/2011 :WO 2011/146861 :NA :NA	(71)Name of Applicant: 1)BIO RAD LABORATORIES INC. Address of Applicant:1000 Alfred Nobel Drive Hercules California 94547 U.S.A. (72)Name of Inventor: 1)PRICE Glenn
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A rotary valve is designed to include a stator with multiple pairs of ports for connection to flow through components and a rotor with elongated recesses that form flow channels with minimal dead volume and that permit a reversal of flow direction through any component by rotation of the valve through a very small angle.

No. of Pages: 16 No. of Claims: 18

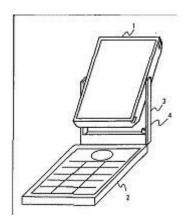
(22) Date of filing of Application :26/07/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: PORTABLE ELECTRONIC APPARATUS

(51) International classification	:H04M1/02	(71)Name of Applicant:
(31) Priority Document No	:2010017022	1)NEC Corporation
(32) Priority Date	:28/01/2010	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2010/006789	(72)Name of Inventor:
Filing Date	:19/11/2010	1)KOIKE Satoshi
(87) International Publication No	:WO 2011/092776	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a portable electronic apparatus with improved operability by a person operating the portable electronic apparatus. A portable electronic apparatus comprises a screen unit (1); a console unit (2); a U shaped bridge unit (3) that connects to the screen unit (1) such that the screen unit (1) is rotatable and connects to the console unit (2) such that the screen unit (1) and the console unit (2) may be folded in a collapsible manner with the screen unit (1) in opposition to the console unit (2); and an anchor unit (4) that stops the rotation of the screen unit (1) and anchors the screen unit (1) upon the bridge unit (3). The screen unit (1) is connected to the bridge unit (3) such that the screen unit (1) rotates upon an axis in effectively the same direction as the axis of the collapsible folding of the screen unit (1) with the console unit (2) and the bridge unit (3).



No. of Pages: 31 No. of Claims: 6

(21) Application No.3506/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011 (43) Publication Date : 13/11/2015

(54) Title of the invention: A SANDAL OR A SHOE

(51) International classification	:A43B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THAIKATTIL, JOSE
(32) Priority Date	:NA	Address of Applicant :THAIKATTIL HOUSE,
(33) Name of priority country	:NA	TIRURANGADI P.O. 676 306 Kerala India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)THAIKATTIL, JOSE
(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 provides closed footwear having a forefoot cover and a heel cap portion wherein an integrated shoe horn is provided outer to the heel cap portion of the footwear and a guide sheath member is provided bridging the said shoe horn and the said heel cap for guiding the heel into the heel cap.

No. of Pages: 14 No. of Claims: 18

(21) Application No.3600/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: FORMULATIONS COMPRISING TRIPTAN COMPOUNDS

(51) International classification	:A61K9/00	(71)Name of Applicant:
(31) Priority Document No	:2337/CHE/2009	1)DR. REDDY'S LABORATORIE LTD.
(32) Priority Date	:25/09/2009	Address of Applicant :8-2-337, ROAD NO. 3, BANJARA
(33) Name of priority country	:India	HILLS, HYDERABAD - 500 034 Andhra Pradesh India
(86) International Application No	:PCT/IB2010/001708	(72)Name of Inventor:
Filing Date	:17/06/2010	1)RAJESH GANDHI
(87) International Publication No	:WO 2011/036521	2)SREEKANTH MANIKONDA
(87) International Fublication No	A2	3)ARUN JANA
(61) Patent of Addition to Application	:NA	4)SAMEER SHRINIVAS KUNTE
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a pharmaceutical composition for intranasal administration comprising a salt of sumatriptan or a physiologically acceptable solvate thereof, an alkyl glycoside or saccharide alkyl ester and optionally at least one pharmaceutically acceptable excipient, wherein the said composition provides Tmax value of less than 30 minutes upon said administration. Other aspects and embodiments are contemplated and described. The invention also provides a pharmaceutical composition for intranasal administration comprising a triptan, a pharmaceutically acceptable vehicle and a mucosal permeation enhancer, wherein upon said administration said composition provides a Tmax substantially equivalent to subcutaneous administration of said triptan. Other aspects and embodiments are contemplated and described.

No. of Pages: 48 No. of Claims: 71

(22) Date of filing of Application :07/12/2012

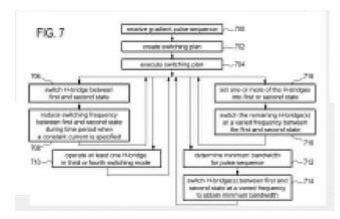
(43) Publication Date: 13/11/2015

(54) Title of the invention: GRADIENT COIL POWER SUPPLY AND A MAGNETIC RESONANCE IMAGING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:G01R 33/385 (2006.01), H03F 3/217 :10166266.6 :17/06/2010 :EPO :PCT/IB2011/052565 :14/06/2011 :WO/2011/158170 :NA :NA	(71)Name of Applicant: 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant: GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BAÂ NETHERLANDS Netherlands (72)Name of Inventor: 1)HAM Cornelis Leonardus Gerardus
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A gradient coil power supply (100, 812) for a magnetic resonance imaging system (800) comprising: at least two H-bridge circuits (104, 106, 108, 200, 202, 204, 206); wherein the H-bridge circuits are connected in series; wherein each of the H-bridge circuits supplies voltage of a first polarity when in a first switching state (200); wherein the each H-bridge circuit supplies voltage of a second polarity when the H-bridge is in a second switching state (202); wherein each H-bridge circuit supplies no voltage when in a third switching state(204); wherein each H-bridge circuit supplies no voltage when in a fourth switching state (206); and a controller (814) for controlling the switching of the H-bridge circuits, wherein the controller is adapted for: - receiving (600, 700) a gradient pulse sequence (818), - creating (602, 702) a switching plan for controlling the switching of each of the H-bridge circuits, wherein the switching plan comprises controlling the voltage output of the gradient coil power supply by alternating between the first switching state and the second switching state, wherein the switching plan further comprises operating (710) at least one H- bridge circuit selected from the H-bridge circuits in either the third or fourth switching state for part of the switching plan to cool the H-bridge circuit, - executing (604, 704) the switching plan.



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

(21) Application No.10479/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD AND DEVICE FOR MANUFACTURING COMPOSITE PRODUCTS COMPRISING A PLANAR PORTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B29C 53/82 , B29C 53/70 , B29C 69/00 :2004854 :08/06/2010 :Netherlands :PCT/NL2011/050413 :08/06/2011 : NA :NA :NA	(71)Name of Applicant: 1)AIRBORNE INTERNATIONAL B.V. Address of Applicant: Laan van Ypenburg 70-78 NL-2497 GB"s-Gravenhage The Netherlands Netherlands (72)Name of Inventor: 1)MARCUS ANTONIUS IVONNE KREMERS
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(57) Abstract:

A method of manufacturing a composite profile having a non-circular cross section \hat{A} comprising the steps of - actuating a string of mandrel sections having a non-circular cross section to move axially in a one way motion through one or more orbital winding stations that are rotationally disposed about to the longitudinal axis of the mandrel in one or more passes \hat{A} - continuously helically winding in one or more winding stations tape comprising a bundle of parallel longitudinally extending fibres in a thermoplastic matrix material onto the mandrel sections or a previously wound layer to form layers of a wall of a thin walled profile having a closed cross section including at least one planar surface \hat{A} and - cutting the thin walled profile into profile sections that are carried on one or more mandrel section sections \hat{A} wherein the layer is consolidated with the previous layer prior to cutting. Fig. 1

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

(22) Date of filing of Application :07/06/2012 (43)

(43) Publication Date : 13/11/2015

(54) Title of the invention : NOVEL EXPANSION COMPENSATION DEVICE AND METHOD FOR MANUFACTURE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:11/11/2010 :WO 2011/098622 A1 :NA :NA	(71)Name of Applicant: 1)ABENGOA SOLAR NNEW TECHNOLOGIES, S.A. Address of Applicant: AVENIDA DE LA BUHAIRA 2, 41018 SEVILLA Spain (72)Name of Inventor: 1)MARTINEZ SANZ, NOELIA 2)ASENSIO PEREZ ULLIVARRI, JAVIER 3)BOMBIN ORTEGA, PABLO JOSE 4)PELAEZ FOMBELLIDA, JAVIER 5)RICO SANCHEZ, JOSE ANGEL 6)GIRONA MONTARROSO, MIGUEL ANGEL
- 1	:NA :NA :NA	

(57) Abstract:

New expansion compensating device and manufacturing method of the same, of those used in solar power absorber tubes featuring a dual bellows design where the height of the waves of the bellows is not regular, but the second wave is greater (where it supports more load) and diminishes towards the ends. With this design improving the performance of the receiver is achieved because it shortens the length of the device and consequently there is more surface area receiving solar radiation as well as it decreases the necessary diameter of glass tube and therefore its cost. Figure 2.

No. of Pages: 11 No. of Claims: 3

(21) Application No.10306/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 10/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: MODIFIED PIGMENTS

:C09B44/04,C09B44/18 (71)Name of Applicant : (51) International classification (31) Priority Document No :61/395649 1) CABOT CORPORATION (32) Priority Date :14/05/2010 Address of Applicant: Two Seaport Lane Boston MA 02210 (33) Name of priority country :U.S.A. U.S.A. (86) International Application No :PCT/US2011/036404 (72) Name of Inventor: Filing Date :13/05/2011 1)SHAKHNOVICH Alexander I. (87) International Publication No :WO 2011/143533 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Modified pigments including an organic group containing a 5 membered heteroaromatic ring as well as related compositions articles and methods are disclosed. The diazonium salts containing a 5 membered heteroaromat ic ring exhibit enhanced activity in modifying pigments thereby resulting in modified pigments with a higher treatment level and improved dispersibility in an ink composition.

No. of Pages: 34 No. of Claims: 52

(22) Date of filing of Application: 10/12/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: LOW COST FOCUSSING SYSTEM GIVING HIGH CONCENTRATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B :1009852.3 :11/06/2010 :U.K. :PCT/GB2011/000836 :01/06/2011 : NA :NA :NA :NA	(71)Name of Applicant: 1)ISIS INNOVATIONS LIMITED Address of Applicant: Ewert House Ewert PlaceÂ Summertown Oxford OX2 7SG United Kingdom U.K. (72)Name of Inventor: 1)BAILEY Paul Brian 2)DADD Michael William 3)STONE Charles Richard 4)JELLEY Nicholas Alfred
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(57) Abstract:

A focussing system for concentrating radiation comprising: a first reflective element forming part of a cone axially aligned along a first alignment axis and positioned such that when planar radiation is incident parallel to the first alignment axis it is focussed towards a first focus along the first alignment axis wherein said part of the surface of a cone is contained within a sector of included angle below 180 degrees; and a second reflective element having a reflective surface flat parallel to a single reference direction and positioned between the first reflective element and the first focus such that when planar radiation is incident parallel to the first alignment axis radiation reflected from the first reflective element onto the second reflective element is focussed towards a second focus.

No. of Pages: 40 No. of Claims: 32

(22) Date of filing of Application :10/12/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: CLONING AND EXPLOITATION OF A FUNCTIONAL R-GENE FROM SOLANUM X EDINENSE

(51) International classification	:C12N, C07K	(71)Name of Applicant :
	<i>'</i>	1)COÃ-PERATIE AVEBE U.A.
(31) Priority Document No	:10164531.5	
(32) Priority Date	:31/05/2010	Address of Applicant :Prins Hendrikplein 20Â NL-9641 GK
(33) Name of priority country	:EPO	Veendam The Netherlands Netherlands
(86) International Application No	:PCT/NL2011/050386	(72)Name of Inventor:
Filing Date	:31/05/2011	1)DE VETTENÂ Nicolaas Clemens Maria Henricus
(87) International Publication No	: NA	2)VERZAUX Estelle Celine
(61) Patent of Addition to Application	:NA	3)VOSSEN Jacobus Hubertus
Number		4)RIETMAN Hendrik
Filing Date	:NA	5)VLEESHOUWERS Vivianne Gertruda Antonia Anna
ĕ	.NI A	
(62) Divisional to Application Number	:NA	6)JACOBSEN Evert
Filing Date	:NA	7)VISSER Richard Gerardus Franciscus

(57) Abstract:

The invention relates to a new resistance gene Rpi-edn2 and functional homologues or functional fragments thereof isolated from S. x edinense. Moreover the invention relates to the use of said resistance gene for example the use of said resistance gene in a method to increase or confer at least partial resistance in a plant to an oomycete infection. The invention provides an isolated or recombinant nucleic acid sequence comprising a nucleic acid sequence encoding one of the amino acid sequences of Figure 4 or a functional fragment or a functional homologue thereof.

No. of Pages: 81 No. of Claims: 16

(21) Application No.3816/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: TISSUE EXPANDER

(51) International classification	:A61L31/04	(71)Name of Applicant:
(31) Priority Document No	:61/256,637	1)ISIS INNOVATION LTD
(32) Priority Date	:30/10/2009	Address of Applicant :THE TECHNOLOGY TRANSFER
(33) Name of priority country	:U.S.A.	COMPANY OF THE UNIVERSITY OF OXFORD, EWERT
(86) International Application No	:PCT/GB2010/051828	HOUSE, EWERT PLACE, SUMMERTOWN, OXFORDSHIRE-
Filing Date	:01/11/2010	OX2 7SG U.K.
(87) International Publication No	:WO 2011/051731 A2	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)BUCKNALI, DAVID
Number	:NA	2)CZERNUSZK, JAN
Filing Date	.IVA	3)LEE, JINHYUN
(62) Divisional to Application Number	:NA	4)RADZI, ZAMRI
Filing Date	:NA	5)SWAN, MARC

(57) Abstract:

This invention relates to a tissue expander for use in medical, veterinary and dental applications. The tissue expander comprises a self-inflating polymer network and a biodegradable polymer having a non-degraded state and a degraded state which in the non-degraded state constrains the inflation of the self-inflating polymer network and in the degraded state allows inflation of the self inflating polymer network. In a preferred embodiment, the self-inflating polymer network and the biodegradable polymer form an interpenetrating polymer network or a semi-interpenetrating polymer network. Alternatively or in addition, the self-inflating polymer network forms a core and the biodegradable polymer forms coating which partially or fully surrounds the core.

No. of Pages: 30 No. of Claims: 16

(21) Application No.5094/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/06/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: PROTECTIVE ELEMENT AND METHOD FOR THE PRODUCTION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:C09D183/02 :1962/09 :21/12/2009 :Switzerland :PCT/CH2010/000316 :20/12/2010 :WO 2011/075857 A1	(71)Name of Applicant: 1)VETROTECH SAINT-GOBAIN (INTERNATIONAL) AG Address of Applicant: BERNSTRASSE 128, CH-3175 FLAMATT Switzerland (72)Name of Inventor: 1)GELDERIE, UDO
(61) Patent of Addition to Application Number	:WO 2011/0/585/ A1 :NA :NA	1)GELDERIE, UDO 2)SCHWANKHAUS, NORBERT
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

According to one aspect of the invention, a method for producing a protective element comprising the following steps is provided: mixing an aqueous, curable alkali silicate solution with silicon dioxide nanoparticles to form a filler having a first water content; performing thin-film evaporation of part of the water of the filler until the filler has a second water content that is less than the first water content, wherein the filler is flowable at the second water content; pouring the filler having the second water content into an intermediate space between two transparent substrate elements; and curing the filling mass in the intermediate space between the substrate elements while maintaining the second water content.

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

(21) Application No.6319/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application: 18/07/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: "ORAL PREPARATION HAVING IMPROVED QUALITY†•

(51) International classification	:A61K 9/20	(71)Name of Applicant:
(31) Priority Document No	:2009-298548	1)NIPRO CORPORATION
(32) Priority Date	:28/12/2009	Address of Applicant :9-3 Honjo-nishi 3-chome Kita-
(33) Name of priority country	:Japan	ku Osaka-shi Osaka 531-8510 Japan Japan
(86) International Application No	:PCT/JP2010/073763	(72)Name of Inventor:
Filing Date	:28/12/2010	1)KUNINOBU Kennichiro
(87) International Publication No	: NA	2)HOASHI Yohei
(61) Patent of Addition to Application	:NA	3)KATAYAMA Naohisa
Number	:NA	4)KAI Toshiya
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

<Object> An object of the present invention is to provide an oral preparation that contains a medicinal component having an unpleasant taste and that has better qualities for example generation of an analogue can be reduced than oral preparations that are produced by conventional techniques and that contain a medicinal component having an unpleasant taste. <Means for Solving> The object can be achieved by when producing an oral preparation that contains a medicinal component having an unpleasant taste adding a coating agent and a disintegrator that has a carboxymethyl group at a specific stage of the production process.

No. of Pages: 24 No. of Claims: 8

(22) Date of filing of Application: 18/06/2012 (43) Publication Date: 13/11/2015

(54) Title of the invention: PYRROLIDINE DERIVATIVES AS NK-3 RECEPTOR ANTAGONISTS

(51) International classification	:C07D401/06	(71)Name of Applicant:
(31) Priority Document No	:09179797.7	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:18/12/2009	Address of Applicant :124 GRENZACHERSTRASSE, CH-
(33) Name of priority country	:EPO	4070 BASEL Switzerland
(86) International Application No	:PCT/EP2010/069564	(72)Name of Inventor:
Filing Date	:14/12/2010	1)KNUST, HENNER
(87) International Publication No	:WO 2011/073160	2)KOBLET, ANDREAS
(87) International Lubication No	A1	3)NETTEKOVEN, MATTHIAS
(61) Patent of Addition to Application	:NA	4)RATNI, HASANE
Number	:NA	5)RIEMER, CLAUS
Filing Date	.IVA	6)VIFIAN, WALTER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present application relates to compounds of formula 1 wherein R1 is hydrogen, halogen, cyano, lower alkyl or lower alkyl substituted by halogen; n is 1,2 or 3, if n is 2 or 3, R1 can be different; R2 is C2-7-alkyl or C3^-cycloalkyl; R3 is the group wherein X isCHorN; R5 is hydrogen, -C(O)-lower alkyl, -C(O)O-lower alkyl, S(O)2-lower alkyl, -C(O)CH2O-lower alkyl, -C(O)-CH2-CN, or is - or -C(O)-cycloalkyl, cycloalkyl, or -CH2-cycloalkyl, wherein the cycloalkyl groups are optionally substituted by lower alkyl, -CH2-O-lower alkyl, lower alkoxy, CF3, halogen or cyano, or is -C(O)-heterocycloalkyl or heterocycloalkyl, or is -C(O)-heteroaryl or is heteroaryl or is -C(O)-aryl or aryl, which heterocycloalkyl, heteroaryl or aryl groups are optionally substituted by halogen, lower alkyl, =O, lower alkoxy, lower alkyl substituted by halogen, lower alkyl substituted by hydroxy, -C(O)-CH2-N(di-lower alkyl), C(O)NH-lower alkyl, C(O)NH2, -O-C(O)-lower alkyl, S(O)2-lower alkyl or cyano; R4 is aryl, which is optionally substituted by halogen, hydroxy, lower alkyl, lower alkyl substituted by halogen, S(O)2-lower alkyl, cyano or by lower alkoxy; or to a pharmaceutically active salt thereof. It has been found that the present compounds are high potential NK-3 receptor antagonists for the treatment of depression, pain, psychosis, Parkinson's disease, schizophrenia, anxiety and attention deficit hyperactivity disorder (ADHD).

No. of Pages: 126 No. of Claims: 13

(21) Application No.8701/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR DEPOSITING A METAL COIL

(71)Name of Applicant: (51) International classification :B21C47/24,B21C47/32 1)SMS SIEMAG AG (31) Priority Document No :10 2010 011 171.6 Address of Applicant: Eduard Schloemann Straße 4 40237 (32) Priority Date :12/03/2010 DÃ1/4sseldorf Germany (33) Name of priority country :Germany (72)Name of Inventor: (86) International Application No :PCT/EP2011/053822 1)CRAMER Ulrich Filing Date :14/03/2011 2)HOLZHAUER Thomas (87) International Publication No :WO 2011/110696 A1 3)FUCHS Wolfgang (61) Patent of Addition to Application

Number :NA

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

1)CRAMER Ulrich
2)HOLZHAUER Thomas
3)FUCHS Wolfgang
4)KASTNER Andreas
5)MENGEL Christian
6)MÜLLER Heinz Adolf
7)HEIDE Carsten

8)HOFMANN Karl Robert

(57) Abstract:

The invention relates to a method and a device for depositing a metal coil (200) on two stationary support points (110 1; 110 2). In order to be able to deposit even metal coils that have high internal residual stress in a stable manner on the two support points according to the invention a third support point (140) is pivoted against the outer circumference of the metal coil (200) if needed.

No. of Pages: 41 No. of Claims: 48

(21) Application No.8703/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/10/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention: SHEET LIKE MATERIAL AND METHOD FOR PRODUCING SAME

(51) International classification :D06N3/14,D06N (31) Priority Document No :2010059437 (32) Priority Date :16/03/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/055455 Filing Date :09/03/2011

(87) International Publication No :WO 2011/114956

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

:D06N3/14,D06M15/564 (71)**Name of Applicant :**

1)TORAY INDUSTRIES INC.

Address of Applicant: 1 1 Nihonbashi Muromachi 2 chome

Chuo ku Tokyo 1038666 Japan

(72)Name of Inventor:

1)KOIDE Gen

2)YANAI Katsufumi

(57) Abstract:

Disclosed is a sheet like material which is produced by an environmentally friendly procedure and has an elegant appearance with piloerection good wear resistance and good texture. Specifically disclosed is a sheet like material which is characterized by containing a water dispersed polyurethane within a fibrous base that contains extra fine fibers having an average single fiber diameter of $0.3\,7\,$ ŵm. The sheet like material is also characterized in that the inside of the water dispersed polyurethane is provided with pores each having a diameter of $10\,200\,$ ŵm. Also specifically disclosed is a method for producing a sheet like material by applying a polyurethane liquid to a fibrous base which is characterized in that the polyurethane liquid is a water dispersed polyurethane liquid that contains a foaming agent and a dry film of the polyurethane that constitutes the polyurethane liquid has a 100% modulus of $3\,8$ MPa.

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

(21) Application No.1108/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AN ELEVATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B66B :13191600 :06/11/2013 :EPO :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)KONE CORPORATION Address of Applicant: KARTANONTIE 1 00330 HELSINKI FINLAND (72)Name of Inventor: 1)VALJUS, PETTERI
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(57) Abstract:

A counterweightless elevator comprising a hoistway (H), a car (1) vertically movable in the hoistway (H), one or more suspension ropes (2), a rotatable drive member (3) engaging said suspension rope(s), each of the suspension rope(s) (2) having a first rope section (2a) on the first side of the drive member (3) and a second rope section (2b) on the second side of the drive member (3), and each rope section (2a,2b) being connected to the car, said first rope section (2a) suspending the car, and a tightening device (4a,4b,4c) arranged to tighten the second rope section (2b). Each of said rope(s) (2) is belt-like and comprises a load bearing member or a plurality of load bearing members, which load bearing member(s) is/are made of composite material comprising reinforcing fibers embedded in a polymer matrix, which reinforcing fibers are carbon fibers.

No. of Pages: 41 No. of Claims: 15

(21) Application No.1109/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHOD FOR CONDITION MONITORING OF ELEVATOR ROPES AND ARRANGEMENT FOR THE SAME

(31) Priority Document No :13192	1/2013 Address of Applicant :KARTANONTIE 1 00330 HELSINKI FINLAND (72)Name of Inventor : 1)TYNI, TAPIO
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(57) Abstract:

The invention relates to a method for condition monitoring of a rope (1) of an elevator comprising an elevator car (2) and a rope wheel arrangement (M), which rope (1) is connected to the elevator car (2) and passes around at least one rope wheel (3) comprised in the rope wheel arrangement (M). The method comprises obtaining travel data of the elevator car (2), the travel data including information describing occurrence(s) of car start(s) and/or bypass(es); and determining based on the travel data a total number (N) of car visits at a predetermined landing (Lo) in the path of the elevator car (2), which total number (N) is the sum of the number of starts of the elevator car (2) away from said predetermined landing (Lo) so as to travel to any other landing (L-1,L+1,L+2.. L-+n) irrespective of the traveling direction, and the number of times the elevator car has bypassed said predetermined landing (L0) without stopping irrespective of the traveling direction; and comparing the total number (N) or a multifold of the total number (N) with a first predetermined limit value, wherein said multifold equals to the total number (N) multiplied with factor n wherein n equals the number of said at least one rope wheel; and performing one or more predetermined action if said total number (N) or the multifold of the total number (N) meets the first predetermined limit value, said one or more action including one or more of indicating a weakened rope condition, indicating a need for maintenance or replacement of elevator rope(s) (1), calculating an estimated moment of maintenance or replacement of elevator rope(s) (1), sending a specific or general warning signal, sending a fault signal, sending a signal to a service center the signal indicating weakened rope condition or a need for maintenance or a need for replacement of elevator rope(s) (1). The invention relates also to an arrangement implementing the method.

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

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CABLE DRAG CHAIN COMPRISING ROLLERS

· N A	
Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	

(57) Abstract:

Disclosed is a cable drag chain (1) for guiding hoses cables and the like comprising a number of chain links that are hingedly interlinked and are formed by parallel lateral link plates (11,12) and crosspieces (21) connecting the lateral link plates the respective lateral link plates being linked to form parallel lateral link plate strings. The lateral link plates can pivot relative to one another about a pivot axis that is common to two adjacent lateral link plates. The cable drag chain (1) can move in such a way as to form a loop having an upper strand a lower strand and a deflection zone connecting the two strands thus defining an inner face and an outer face of the chain links in relation to the loop. The upper strand lies on the lower strand in such a way as to at least partially touch the inner faces of chain links. At least some of the chain links are provided with rollers (16) which are inserted in the lateral link plates are exposed on the inner face and can roll off a running surface formed by the narrow faces of the lateral link plates (11,12) of the opposite strand in the tight state of the chain the lateral link plates of each lateral link plate string being formed by alternating inner link plates (14) and outer link plates (11,12). At least some of the outer link plates are provided with rollers (16) and only the inner link plates have stops which delimit the pivot angle between adjoining link plates.

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

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: A ROPE TERMINAL ASSEMBLY AND AN ELEVATOR

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (10) September 2007 (11) September 3008 (12) September 3008 (13) September 3008 (14) September 3008 (15) September 3008 (16) September 3008 (16) September 3008 (17) September 3008 (17) September 3008 (18) September 3008	,
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(57) Abstract:

The invention relates to a rope terminal assembly (1) of an elevator fixing an elevator rope (R) to a fixing base such as an elevator unit (2, CW), said elevator being suitable for transporting passengers and/or goods, said assembly (1) comprising an elevator rope (R), whose width is larger than its thickness in a rope transverse direction, with at least one end comprising a first member with a first end face (R") and a second member with a second end face (R"), a wedge element (8), a wedge housing (7), the rope terminal assembly (1) comprising a rope gap through which said elevator rope (R) passes and said wedge element (8) is arranged to wedge between the first member with the first end face (R") and the second member with the second end face (R") of the elevator rope (R) thus locking said elevator rope (R) in the gap, and an elevator.

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

(21) Application No.1071/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: APPARATUS FOR CASTING CONCRETE PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	B28B7/00 :20136156	(71)Name of Applicant: 1)ELEMATIC OY AB Address of Applicant: PL 33, FI-37801 AKAA, FINLAND (72)Name of Inventor: 1)EILOLA, JANI
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus (1) for casting a concrete product in a mold, said apparatus comprising a concrete mix container (2) to be moved above the casting mold, a nozzle (3) attached to the mix container bottom for feeding concrete mix from the concrete container in a casting mold, and a vertically movable closing element (4) extending through the concrete mix container in the area of the nozzle, wherein the width of the nozzle (3) in first direction is substantially greater than the width of the nozzle in second direction, which second direction is perpendicular in relation to the said first direction, and said concrete mix container (2) is fixed rotatably around its vertical central axis.

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

(22) Date of filing of Application :04/06/2011 (43) Publication Date : 13/11/2015

(54) Title of the invention : TAPERED HELICAL AUGER TURBINE TO CONVERT HYDROKINETIC ENERGY INTO ELECTRICAL ENERGY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F03B3/12 :61/116,540 :20/11/2008 :U.S.A. :PCT/US2009/058402 :25/09/2009 :WO 2010/059293 :NA :NA	 (71)Name of Applicant: 1)ANDERSON Winfield Scott Jr. Address of Applicant: 13241 Crisa Drive Palm Beach Gardens FL 33410 United States of America (72)Name of Inventor: 1)ANDERSON Winfield Scott Jr.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A helical auger turbine and hydrokinetic device for use with electrical generators for producing electricity. The auger turbine (10) includes a generally helical turbine blade (11) rotatably mounted on a central shaft (14), which may be tapered at each end, and a flange (12) extending perpendicularly to an edge of the turbine blade. At least one turbine blade support connection is included for connecting the central shaft (14) to a support structure (20). An electrical generator (42) may be powered by the helical auger turbine (10), that can be used in a tidal water flow The helical auger turbine (10) can operate a high pressure pump (30) connected to a hydraulic accumulator (32) for storing pressurized hydraulic fluid from the high pressure pump. An electrical generator can be operated by hydraulic fluid delivered from the hydraulic accumulator at times of slow water flow.

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

(21) Application No.2325/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: LAUNDRY TREATMENT MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D06F37/26 :10 2012 207 977.7 :14/05/2012 :Germany :PCT/EP2013/059448 :07/05/2013 :WO 2013/171091 :NA :NA	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: Carl Wery Str. 34 81739 München Germany (72)Name of Inventor: 1)EDIGER Rainer 2)KORTE Martin 3)NAWROT Thomas
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(57) Abstract:

A laundry treatment machine 1 has a laundry drum 3 which is rotatably mounted about a drum axis 3a in a housing 2. An annular foam material seal 11 14 is arranged between a circumferential part of the laundry drum 3 which rotates during operation of the laundry treatment machine 1 and a stationary surface of a component of the housing 2 the foam material seal being secured to the surface of the component and being sealingly guided on the laundry drum 3. In order to reduce friction between the foam material seal 11 14 and the laundry drum 3 the foam material seal 11 14 should be produced from open cell foam and be arranged over a slide surface 16 on an abutment surface of the circumferential part of the laundry drum 3. Furthermore the annular foam material seal 11 14 should be provided with an air and/or water proof coating 21 22 on at least one of its annular front surfaces 19 20.

No. of Pages: 17 No. of Claims: 9

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CONSTRUCTION MACHINE

(57) Abstract:

Provided is a construction machine including an air cleaner (22) having a cylindrical outer peripheral surface (24a) and an air intake pipe (32), wherein the assembly of the air cleaner (22) and the air intake pipe (32) can have a reduced width size in the front-rear direction. The air intake pipe (32) has a returning portion (32a) and a downstream-side portion (32b). The downstream-side portion (32b) has a cross section having a shape including a hypotenuse portion (Y) inclined toward the air cleaner (22), arranged in the state where at least a part of the hypotenuse portion (Y) is located in a space (T) defined between the cylindrical outer peripheral surface (24a) of the air cleaner (22) and an air-cleaner placement plane (35A).

No. of Pages: 32 No. of Claims: 5

(21) Application No.2313/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FIRE EXTINGUISHER AND FIRE EXTINGUISHER MEDIUM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A62D1/00 :1205733.7 :30/03/2012 :U.K. :PCT/GB2013/050833 :28/03/2013 :WO 2013/144644 :NA :NA :NA	(71)Name of Applicant: 1)GOODWIN PLC Address of Applicant: Ivy House Foundry Hanley Stoke on Trent Staffordshire ST1 3NR U.K. (72)Name of Inventor: 1)GOODWIN Richard Stanley 2)BAYLAY Andrew James
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(57) Abstract:

Fire extinguisher apparatus comprising at least one vessel containing a fire extinguishing medium and adapted to release said fire extinguishing medium when a fire or potential fire is identified characterised in that said fire extinguishing medium comprises an aqueous suspension of expanded vermiculite.

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

(21) Application No.2314/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ACHILLEA ESSENTIAL OIL COSMETIC COMPOSITION COMPRISING IT AND ITS USES

(51) International classification :A61Q5/00,A61K8/92,A61Q15/00 (71)Name of Applicant: (31) Priority Document No :1253815 1)LOREAL (32) Priority Date :25/04/2012 Address of Applicant: 14 rue Royale F 75008 Paris France (33) Name of priority country (72)Name of Inventor: :France 1)LEREBOUR Géraldine (86) International Application :PCT/EP2013/056828 2)LARTAUD Pierre No :29/03/2013 Filing Date 3)LACROIX Bertrand (87) International Publication :WO 2013/160066 (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 an Achillea essential oil comprising at least the following compounds each preferably present in a proportion of at least 5% by weight with respect to the total weight of the essential oil: artemisia ketone and chrysanthenone (two combined isomers). The invention also relates to a cosmetic composition comprising the said Achillea essential oil and to its cosmetic use as antidandruff agent or as deodorant active agent.

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

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHODS AND DEVICES FOR TRANSMISSION OF SIGNALS IN A TELECOMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04J3/00 :61/618918 :02/04/2012 :U.S.A. :PCT/SE2013/050136 :18/02/2013 :WO 2013/151476 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)LOPEZ Miguel 2)HUI Dennis
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and devices for generating training symbols to be transmitted in a radio network are provided for a radio system where multiple users are sharing the same transmission slot. The method involves forming a sequence of training symbols by repeating an initial block of training symbols and for each user rotating the repeated block by a user specific rotation angle. A rotated block is periodically extended in both ends.

No. of Pages: 43 No. of Claims: 28

(22) Date of filing of Application :20/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: IMAGING TECHNIQUE FOR OPTICAL COHERENCE TOMOGRAPHY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B3/117,A61B3/10 :NA :NA :NA :PCT/EP2012/001900 :03/05/2012 :WO 2013/164004 :NA :NA :NA	(71)Name of Applicant: 1)WAVELIGHT GMBH Address of Applicant: Am Wolfsmantel 5 91058 Erlangen Germany (72)Name of Inventor: 1)MASSOW Ole 2)WISWEH Henning 3)JEGLORZ Tobias
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(57) Abstract:

A technique for optical coherence tomography is provided. As to a device aspect of the technique an imaging device 28 comprises a base 30 defining a rotation axis 32 a scanning and focusing assembly 34 mounted to the base 30 for rotation about the rotation axis 32 and a drive unit 50 for rotationally driving the scanning and focusing assembly 34 about the rotation axis 32. The scanning and focusing assembly 34 includes a focusing device 40 for focusing a beam 36 of imaging radiation to produce a focused beam 44 44a 44b of imaging radiation having a focus 42 42a 42b a scanning member 38 for scanning the beam 36 of imaging radiation and a controller 45 coupled to the drive unit 50 and the scanning member 38 and configured to control the scanning member 38 to cause movement of the focus 42 42a 42b along a predetermined trajectory 46 46a 46b with respect to the scanning and focusing assembly 34.

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

(21) Application No.2354/KOLNP/2014 A

Address of Applicant: 906 5Iui DongYoungtong Gu Suwon Si

(19) INDIA

No

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUTOMATIC MANUAL TRANSMISSION

(51) International classification: F16H3/08,F16H3/093,F16D23/06 (71) Name of Applicant:

(31) Priority Document No :1020120042379 (32) Priority Date :24/04/2012

(33) Name of priority country
(86) International Application
:PCT/KR2013/003428

Filing Date :23/04/2013

(87) International Publication :WO 2013/162240

No .wo 2013/10.

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

(62) Divisional to Application Number :NA Filing Date :NA Gyeonggi do 443 270 Republic of Korea (72)Name of Inventor:

1)TENERGY

1)KIM Secheol

(57) Abstract:

The present invention relates to an automatic manual transmission wherein: a first gear and an auxiliary gear are provided on an input shaft connected to a clutch; a plurality of change gears are connected to a crank shaft of an engine and are provided on a separate input shaft that constantly rotates with an engine thereby implementing a structure in which the power of the engine is transferred to a driving wheel through the auxiliary gear while shifting gears; and only one clutch and one clutch actuator are comprised. The automatic manual transmission comprises: a first change gear unit which has a first input shaft connected to a clutch disc and an auxiliary synchronizer and a first gear provided on the first input shaft; a second change gear unit which is connected to the crank shaft of an engine and which has a second input shaft that rotates with an engine and a plurality of change gears provided on the second input shaft; and an auxiliary input gear unit which transfers a rotational force of the engine to a driving wheel while shifting the gears in the change gear units wherein the first gear is controlled in the first change gear unit and the second change gear unit by the auxiliary synchronizer and a first/second gear synchronizer.

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

(21) Application No.2355/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: REFRIGERATION DEVICE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2012074661	1)DAIKIN INDUSTRIES LTD.
(32) Priority Date	:28/03/2012	Address of Applicant :Umeda Center Building 4 12 Nakazaki
(33) Name of priority country	:Japan	Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan
(86) International Application No	:PCT/JP2013/058687	(72)Name of Inventor:
Filing Date	:26/03/2013	1)OKUDA Noriyuki
(87) International Publication No	:WO 2013/146731	2)SETOGUCHI Takayuki
(61) Patent of Addition to Application	:NA	3)TANIMOTO Keisuke
Number	:NA	
Filing Date	:INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An air conditioning device (1) is configured so that in cooling operation a refrigerant flows sequentially through a compressor (21) an outdoor heat exchanger (23) an expansion mechanism (24) and an indoor heat exchanger (41) and so that in heating operation the refrigerant flows sequentially through the compressor (21) the indoor heat exchanger (41) the expansion mechanism (24) and the outdoor heat exchanger (23). The air conditioning device (1) uses R32 as the refrigerant. The volume of the outdoor heat exchanger (23) is less than or equal to the volume of the indoor heat exchanger (41). A refrigerant storage tank (25) for storing the refrigerant is provided between the outdoor heat exchanger (23) and the expansion mechanism (24).

No. of Pages: 33 No. of Claims: 9

(21) Application No.2356/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : COMPRESSED AIR PROCESSING DEVICE FOR A VEHICLE AND METHOD FOR OPERATING A COMPRESSED AIR PROCESSING DEVICE

:B60T17/00,F15B21/04 | (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KNORR BREMSE SYSTEME FÜR NUTZFAHRZEUGE :10 2012 007 470.0 (32) Priority Date :13/04/2012 **GMBH** (33) Name of priority country Address of Applicant : Moosacher Str. 80 80809 München :Germany (86) International Application No :PCT/EP2013/001083 Germany Filing Date (72) Name of Inventor: :12/04/2013 (87) International Publication No :WO 2013/152867 1)SCHNITTGER Karsten (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 compressed air processing device (10) for a vehicle comprising a solenoid valve (12) wherein a solenoid valve output terminal (16) of the solenoid valve (12) is coupled to a compressor control output (34) a regeneration solenoid valve (14) coupled to the solenoid valve output terminal (16) and a discharge valve (28). According to the invention the solenoid valve output terminal (16) is coupled to a pressure control input (78) of the discharge valve (28). The invention further relates to a method for operating a compressed air processing device.

No. of Pages: 32 No. of Claims: 7

(21) Application No.2357/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BICYCLIC PYRAZINONE DERIVATIVES

(51) International classification :C07D487/04,A61K31/4985,A61P7/00

(31) Priority Document No :12002215.7

(32) Priority Date(33) Name of priority

country :EPO

(86) International :PCT/EP2013/000827

Application No
Filing Date

119/03/2013

(87) International Publication No :WO 2013/143663

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

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)MERCK PATENT GMBH

Address of Applicant: Frankfurter Strasse 250 64293

Darmstadt Germany (72)Name of Inventor: 1)DORSCH Dieter

2)BUCHSTALLER Hans Peter

3)MOINET Gérard 4)WEGENER Ansgar

(57) Abstract:

Compounds of the formula (I) in which R1, X and Y have the meanings indicated in Claim 1 are inhibitors of Tankyrase and can be employed inter alia for the treatment of diseases such as cancer cardiovascular diseases central nervous system injury and different forms of inflammation.

No. of Pages: 142 No. of Claims: 15

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : CSI DEFINITIONS AND FEEDBACK MODES FOR COORDINATED MULTI POINT TRANSMISSION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number :N	51/644957 09/05/2012 U.S.A.	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant: 129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor: 1)SAYANA Krishna 2)NAM Young Han 3)NG Boon Loong 4)HAN Jin Kyu
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(57) Abstract:

A method and apparatus report channel state information (CSI) feedback of a user equipment (UE) in a coordinated multipoint communication system. The method includes identifying when downlink transmissions to the UE are configured with at least two CSI subframe subsets an interference measurement resource within one of the CSI subframe subsets belonging to a CSI reference resource. The method also includes using the identified interference measurement resource to derive an interference measurement. The apparatus includes a controller configured to when downlink transmissions to the UE are configured with at least two CSI subframe subsets identify an interference measurement resource within one of the CSI subframe subsets belonging to a CSI reference resource. The controller is configured to use the identified interference measurement resource to derive an interference measurement.

No. of Pages: 47 No. of Claims: 22

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CONSTRUCTION MACHINE

(57) Abstract:

Provide is a construction machine allowing an air cleaner to be located entirely low while securing dust-discharge function thereof, with no risk of adverse effects such as diffusion of dusts and complication in structure. The construction machine includes an engine and an air cleaner (44) connected to an intake-side portion of the engine to filter intake air. The air cleaner (44) includes an air-cleaner main body which filters the intake air and an evacuator (52) which discharges dusts separated from the intake air and protrudes downward beyond the air-cleaner main body is placed on an air-cleaner placement surface (43a), the evacuator (52) protruding downward beyond the air-cleaner placement surface (43a) at a position deviated outward from the air-cleaner placement surface (43a).

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

(21) Application No.2350/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SOLENOID DEVICE WITH SENSOR

(31) Priority Document No (32) Priority Date	:F16K31/06,F16K31/66,H01F7/08 :2012901235 :27/03/2012	1)BRT GROUP PTY LTD Address of Applicant: 17 Knight Way Castle Hill New South
(33) Name of priority country(86) International ApplicationNoFiling Date	:Australia :PCT/AU2013/000189 :28/02/2013	Wales 2154 Australia (72)Name of Inventor: 1)TAMBA Richard Terrence
(87) International Publication No	:WO 2013/142893	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A solenoid device including pressure altering means for altering an output pressure of the solenoid device; and an actuator for providing an actuating signal to said pressure altering means; wherein the solenoid device further includes a sensor arranged to sense a control value of the solenoid device and a controller which receives a request and is arranged to control delivery of power to the actuator with feedback from the sensor until the control value meets the request.

No. of Pages: 29 No. of Claims: 28

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ENSURING POSITIONING QUALITY OF SERVICE DURING CELL CHANGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W64/00 :61/619543 :03/04/2012 :U.S.A. :PCT/IB2012/054943 :18/09/2012 :WO 2013/150345 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)SIOMINA Iana
1 (01110 01	:NA :NA :NA	

(57) Abstract:

Methods in a radio network node for assisting a positioning node during positioning of a target wireless device wherein said positioning is based on radio measurements of uplink radio signals transmitted by the target wireless device are disclosed. Corresponding radio network node apparatus are also described. An example method begins with detecting (210) at the radio network node a cell change for the target wireless device. In response to the detected cell change the radio network node selectively informs (230) a positioning node of the cell change. In some embodiments the radio network node informs the positioning node only when there is a change in the transmission configuration in at least one cell or when measurements of the uplink radio signals cannot continue.

No. of Pages: 46 No. of Claims: 31

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ENSURING POSITIONING QUALITY OF SERVICE FOR LTE POSITIONING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04W64/00 :61/619543 :03/04/2012 :U.S.A. :PCT/IB2012/054941 :18/09/2012 :WO 2013/150344 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods in a radio network node for obtaining positioning QoS information and using the positioning QoS information as well as corresponding radio network node apparatus are disclosed. An example method begins with the receiving (220) of positioning QoS information for a target wireless device such as a user equipment UE. In some cases for example the positioning QoS information is received from a positioning node using the LPPa protocol. The positioning QoS information may include for example a desired horizontal accuracy a desired vertical accuracy and a target response time. The received positioning QoS information is used (230) to configure uplink transmissions to be transmitted by the target wireless device or to configure a receiver for reception of one or more uplink transmissions from the target wireless device or both.

No. of Pages: 42 No. of Claims: 31

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: APPARATUS AND METHOD FOR CREATING INCISIONS IN A HUMAN CORNEA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61F9/008 :NA :NA :NA :NA :PCT/EP2013/054744 :08/03/2013 :WO 2014/135218 :NA :NA	(71)Name of Applicant: 1)WAVELIGHT GMBH Address of Applicant: Am Wolfsmantel 5 91058 Erlangen Germany (72)Name of Inventor: 1)KRAUSE Johannes 2)DONITZKY Christof
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus for creating incisions in a human cornea comprises: a source of pulsed laser radiation; a scanner device for scanning the laser radiation; and a control computer for controlling the scanner device based on a control program the control program containing instructions that when executed by the computer bring about the creation in the cornea of: a flap cut (42,44) defining a corneal flap (40) that is connected to surrounding corneal tissue through a hinge; and one or more auxiliary cuts in connection with the flap cut for removing gas generated during creation of the flap cut wherein the one or more auxiliary cuts define a first channel (52) extending from the flap cut to an anterior surface (46) of the cornea and a reservoir (54) located at least partially deeper within the cornea than the flap cut.

No. of Pages: 25 No. of Claims: 36

(21) Application No.2386/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CORNEAL TISSUE DETECTION AND MONITORING DEVICE

(51) International classification (31) Priority Document No	:A61F9/008,A61B3/14,A61B3/10 :NA	(71)Name of Applicant: 1)WAVELIGHT GMBH
(32) Priority Date	:NA	Address of Applicant : Am Wolfsmantel 5 91058 Erlangen
(33) Name of priority country	:NA	Germany
(86) International Application No Filing Date	:PCT/EP2012/003558 :22/08/2012	(72)Name of Inventor : 1)KOENIG Karsten 2)VOGLER Klaus
(87) International Publication No	:WO 2014/029407	3)WUELLNER Christian 4)DONITZKY Christof
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to an eye surgical laser apparatus a use of said apparatus and to a method for scanning the corneal tissue of an eye before or during eye surgery. The apparatus comprises optics that are adapted to focus a laser beam at a focus within a corneal tissue of an eye and a detection element adapted to detect light that is formed at the focus as a frequency multiple and backscattered or forward emitted. Image information about the inner corneal tissue is then produced from the detected light.

No. of Pages: 19 No. of Claims: 20

(21) Application No.2387/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: REFRIGERATION DEVICE

(51) International classification	:F24F1/24,F24F1/22,F25B1/00	(71)Name of Applicant:
(31) Priority Document No	:2012096936	1)DAIKIN INDUSTRIES LTD.
(32) Priority Date	:20/04/2012	Address of Applicant :Umeda Center Building 4 12 Nakazaki
(33) Name of priority country	:Japan	Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan
(86) International Application No	:PCT/JP2013/002401	(72)Name of Inventor:
Filing Date	:08/04/2013	1)OGURI Akihiko
(87) International Publication No	:WO 2013/157219	2)TERAKI Junichi
(61) Patent of Addition to	:NA	3)KITA Masanobu
Application Number	:NA	4)DOUMAE Hiroshi
Filing Date	.INA	5)IKEDA Motonobu
(62) Divisional to Application	:NA	6)FUJIWARA Masahide
Number	:NA	
Filing Date	.NA	

(57) Abstract:

A main surface of a printed wiring board (90) in a refrigeration device has: a high power region (R1) which is an area in a lower section of the printed wiring board and which has a high power component group arranged therein; and a low power region (R2) which is an area positioned in a higher section than the high power region and which has a low power component group arranged therein. A refrigerant jacket (40) is in contact with a power device (20) arranged in the high power region. Fluid piping in refrigerant piping (10) includes a section that extends upwards towards the refrigerant jacket; and a cooling section (10A) is in contact with the refrigerant jacket.

No. of Pages: 39 No. of Claims: 5

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: IN VEHICLE INFORMATION DELIVERY SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:12380024.5 :11/05/2012 :EPO :PCT/EP2012/002936 :12/07/2012 :WO 2013/167159 :NA :NA	(71)Name of Applicant: 1)ITCICO SPAIN S.L. Address of Applicant: Calle Unión n.2 B Planta 4 (Quetglas Vives Asesores) E 07001 Palma de Mallorca Spain (72)Name of Inventor: 1)BRADEN Jude
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is an in vehicle information display system comprising a GPS receiver that determines the location of a vehicle and a user interface for communicating information received over a wireless communication network characterised in that the information received over the wireless communicated to a user interface depending on the velocity of the vehicle. Further the content of the information received over the wireless communications network and communicated to the user depends on the velocity of the vehicle. The system makes use of a head up display so that content information is only directed to the user. The present invention also provides a method for communicating information over a wireless communications network to a vehicle.

No. of Pages: 25 No. of Claims: 12

(22) Date of filing of Application :28/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: BLAST FURNACE OPERATION METHOD USING FERROCOKE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C21B5/00,C22B1/245 :NA :NA :NA :PCT/JP2012/065056 :06/06/2012 :WO 2013/183170 :NA :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2 3Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan (72)Name of Inventor: 1)SATO Takeshi 2)SUMI Hiroyuki 3)FUJIMOTO Hidekazu 4)ANYASHIKI Takashi 5)SATO Hideaki
(62) Divisional to Application Number Filing Date	:NA :NA	S/SATO HILLEAN

(57) Abstract:

A method for operating a blast furnace in which a coke layer (1) and an ore layer are formed wherein: the ore layer is formed in multiple batches (2 3); a ferrocoke is incorporated into at least one of the multiple batches; and no ferrocoke is incorporated into at least another thereof. In operating a blast furnace wherein the ore layer thickness ratio namely the ratio of the thickness of ore layer to the total thickness of ore layer and coke layer varies in the furnace radial direction it is preferable that the positions of the multiple batches in the furnace radial direction are different from each other and a ferrocoke is incorporated into the batch (2) located in the furnace radial position where the ore layer thickness ratio is relatively high.

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

(21) Application No.2403/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: AUTOMATIC MACHINE SETTINGS FOR CUSTOMIZED REFRACTIVE SURGERY

(62) Divisional to Application Number :NA Filing Date :NA	* * *	:14/06/2013 :WO/2014/198336 :NA :NA :NA	(71)Name of Applicant: 1)WAVELIGHT GMBH Address of Applicant: AM WOLFSMANTEL 5, 91058 ERLANGEN, GERMANY (72)Name of Inventor: 1)WELLHOEFER, ARMIN
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(57) Abstract:

An ophthalmic apparatus includes a resting member configured to provide rest for a human patient, and an ophthalmic device configured to perform one or more procedures with respect to an eye of the patient resting on the resting member, where the one or more procedures include at least one of an eye-surgical, therapeutic and diagnostic procedure. The apparatus also includes a user interface device configured to receive log-in data from a user, and a controller configured to access stored user profile data based on the log-in data and configure one or more configurable components of the apparatus in accordance with the accessed user profile data.

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

(21) Application No.2404/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/10/2014 (43) Publication Date : 13/11/2015

:NA

:NA

(54) Title of the invention : DIGITAL SENSING CIRCUIT FOR A SECONDARY CLOCK SIGNAL TO BE MONITORED FOR CLOCK FAILURE WITH THE AID OF A PRIMARY CLOCK SIGNAL

:H03K21/08,H03K21/40 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)AREVA GMBH :10 2012 209 971.9 (32) Priority Date Address of Applicant :Paul Gossen Strasse 100 91052 :14/06/2012 (33) Name of priority country Erlangen Germany :Germany (86) International Application No (72) Name of Inventor: :PCT/EP2013/058168 Filing Date :19/04/2013 1)AUER Günther (87) International Publication No :WO 2013/185960 2) HEINEMANN Bernd (61) Patent of Addition to Application :NA Number :NA Filing Date

(57) Abstract:

Filing Date

The invention relates to a digital sensing circuit (100) for a secondary clock signal (204) to be monitored for clock failure with the aid of a primary clock signal (202) comprising a flip flop (102) which has a clock input (108) a data input (106) a Q output (110) and a reset input (112) and further comprising an n bit counter (104) which has a clock input (114) a reset input (128) and a counter reading output (116). The digital sensing circuit according to the invention should avoid meta stable states being reached and also detect multiple state changes of the secondary clock signal (204) within a cycle time and thus be suitable for operating safety relevant assemblies which can also be used in nuclear power plants. For this purpose the flip flop (102) and the n bit counter (104) are wired electrically to each other wherein n = 2 the primary clock signal (202) is present on the clock input (114) of the n bit counter (104) the secondary clock signal (204) is present on the clock input (108) of the flip flop (102) a constant signal is present on the data input (106) of the flip flop (102) the Q output (110) of the flip flop (102) is connected to the reset input (128) of the n bit counter (104) and the counter reading output (116) of the n bit counter (104) is connected to the reset input (112) of the flip flop (102) via an interposed logic gate (122).

No. of Pages: 26 No. of Claims: 12

(62) Divisional to Application Number

(21) Application No.2405/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: METAL FREE REACTIVE DYES PROCESS FOR THE PRODUCTION THEREOF AND THEIR USE

(51) International :C09B62/09,C09B62/25,C09B62/44 classification

(31) Priority Document No :12004554.7 (32) Priority Date :18/06/2012

(33) Name of priority country: EPO

(86) International Application :PCT/EP2013/062198

No :13/06/2013

Filing Date (87) International Publication :WO 2013/189814

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

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

Filing Date

(57) Abstract:

(71)Name of Applicant:

1) DYSTAR COLOURS DISTRIBUTION GMBH

Address of Applicant: Am Prime Parc 10 12 65479 Raunheim

Germany

(72)Name of Inventor:

1)YUAN Han

2)WONG Xiao Tien 3)KIM Hyeong Kyu 4)BARBIERU Roxana

Metal free reactive dyes process for the production thereof and their use The present invention relates to reactive dyes of the formula (I) in which A B a and K are defined as given in claim a process for preparing them and their use for dyeing and printing hydroxyl amino and/or carboxamido containing materials.

No. of Pages: 187 No. of Claims: 15

(21) Application No.2406/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: LOW YIELD RATIO HIGH STRENGTH COLD ROLLED STEEL SHEET WITH EXCELLENT ELONGATION AND STRETCH FLANGE FORMABILITY AND MANUFACTURING METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C22C38/06,C21D9/46 :NA :NA :NA :NA :PCT/JP2012/064735 :01/06/2012 :WO 2013/179497 :NA :NA :NA	(71)Name of Applicant: 1)JFE STEEL CORPORATION Address of Applicant: 2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan (72)Name of Inventor: 1)TAKASHIMA Katsutoshi 2)TOJI Yuki 3)HASEGAWA Kohei
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(57) Abstract:

A high strength cold rolled steel sheet having a low yield ratio and excellent elongation and stretch flange formability and a manufacturing method thereof are provided. This high strength cold rolled steel sheet having a low yield ratio and excellent elongation and stretch flange formability is characterized in that the chemical components of the steel sheet include in mass% C: 0.05 0.13% Si: 0.6 1.2% Mn: 1.6 2.4% P: 0.10% or less S: 0.0050% or less Al: 0.01 0.10% and N: less than 0.0050% and the remainder consists of Fe and unavoidable impurities and in that the steel sheet has a composite microstructure containing by volume percentage 80% or more ferrite 3 15% martensite and 0.5 10% pearlite the yield ratio is 70% or less and the tensile strength is 590 MPa or greater.

No. of Pages: 34 No. of Claims: 2

(21) Application No.1078/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SPINNING PACK

(51) International classification	:D01D4/08	(71)Name of Applicant:
(31) Priority Document No	:2013- 220728	1)TMT MACHINERY, INC. Address of Applicant :6TH FL., OSAKA GREEN BLDG., 2-
(32) Priority Date		6-26 KITAHAMA, CHUO-KU, OSAKA-SHI, OSAKA 541-
(33) Name of priority country	:Japan	0041, JAPAN
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KAWAMOTO KAZUHIRO
(87) International Publication No	: NA	2)MATSUI MASAHIRO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Objects such as sufficient fragmentation of gelatinous lumps of polymer, shortening of the time of the stagnation of the polymer in the pack, and uniformization in the amount of the polymer to be spun out between nozzles are realized in a spinning pack which does not employ a granular filter medium. A spinning pack 4 includes a polymer inflow member 43 including an introduction portion 47 from which molten polymer is introduced and a buffer space 49 directly connected to the introduction portion 47 though a polymer supply hole 43a, a filter 44 provided below the buffer space 43 and in a lower part of the buffer space 43, and a spinneret 45 which is provided to contact with the filter 44 and has nozzles 54 configured to spin out the molten polymer having passed the filter 44. The filter 44 includes a first filter layer 51 formed by sintering short metal fibers each of which is polygonal in cross section.

No. of Pages: 62 No. of Claims: 5

(22) Date of filing of Application :28/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: THIN FILM PHOTOVOLTAIC DEVICE WITH WAVY MONOLITHIC INTERCONNECTS

(51) International :H01L27/142,H01L31/0352,H01L31/042 classification

:PCT/IB2013/052441

:03/04/2012

:27/03/2013

(31) Priority Document :PCT/IB2012/051630

(32) Priority Date (33) Name of priority

:Argentina country

(86) International Application No

Filing Date (87) International

:WO 2013/150418 Publication No

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

(71)Name of Applicant:

1)FLISOM AG

Address of Applicant: Ueberlandstrasse 129 CH 8600

Dübendorf Switzerland (72) Name of Inventor: 1)PFEIFFER Reto 2)ZILTENER Roger

3)NETTER Thomas

(57) Abstract:

A thin film optoelectronic module device (100) and design method comprising at least three monolithically interconnected cells (104,106,108) where at least one monolithically interconnecting line (250) depicts a spatial periodic or quasi periodic wave and wherein the optoelectronic surface of said thin film optoelectronic module device (100) presents at least one set of at least three zones (210,220,230) having curves of substantially parallel monolithic interconnect lines. Border zones (210,230) have a lower front contact sheet resistivity than that of internal zone (220). Said curves of substantially parallel interconnecting lines may comprise peaks of triangular or rounded shape additional spatial periods that are smaller than a baseline period and mappings from one curve to the adjacent curve such as in the case of non rectangular module devices (100). The device (100) and design method are advantageous to reduce costs and materials to manufacture thin film optoelectronic module devices (100) while increasing production yield reliability aesthetic appearance and range of applications.

No. of Pages: 36 No. of Claims: 16

(21) Application No.2401/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : A CONNECTING MECHANISM FOR CONNECTION OF THE FIREARM RECEIVER AND THE SHOULDER MOUNT

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application	F41A3/64,F41C23/20,F41A11/04 PV 2012298 04/05/2012 Czech Republic PCT/CZ2013/000059 29/04/2013 WO 2013/163967 NA NA	(71)Name of Applicant: 1)CESKA ZBROJOVKA A.S. Address of Applicant:Svatopluka Cecha 1283 688 27 Uhersky Brod Czech Republic (72)Name of Inventor: 1)SIMEK Vladimir
Number :N	NA NA	

(57) Abstract:

A connection mechanism for connection of a firearm receiver (1) and a shoulder mount (4) the fire arm receiver comprising a closing part (2) the closing part (2) containing a latch (3) arranged in a movable way between a locking position in which in an assembled firearm the latch (3) engages with the receiver (1) and the closing part (2) is prevented from being removed from the receiver (1) and an unlocking position in which the latch disengages from the receiver and the closing part (2) can be removed from the receiver (2). The closing part (2) further contains a lever (7) to control the movement of the latch (3) from the locking position to the unlocking position and/or from the unlocking position to the locking position.

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

(22) Date of filing of Application :28/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ADVANCED WAKEUP FOR RECEPTION OF PAGING CONFIGURATION INFORMATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H04W68/02,H04W52/02 :NA :NA :NA :PCT/EP2012/056261 :05/04/2012 :WO 2013/149666 :NA :NA	(71)Name of Applicant: 1)OPTIS CELLULAR TECHNOLOGY LLC Address of Applicant: P.O. Box 250649 Plano TX 75025 U.S.A. (72)Name of Inventor: 1)RUNE Johan 2)ERIKSSON Erik 3)SACHS Joachim
(61) Patent of Addition to Application	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In transmission of paging information from a mobile network to a terminal device (200) the terminal device applies a discontinuous reception cycle to enter a sleep mode. Further the terminal device determines an advance wakeup time (AW) for leaving the sleep mode. The advance wakeup time (AW) is advanced by an advancement time interval (ΔA) with respect to a start of an active time of the discontinuous reception cycle. At the determined advance wakeup time (AW) the terminal device leaves the sleep mode and starts monitoring the downlink control channel with respect to paging configuration information transmitted by the mobile network. The paging configuration information defines a paging occasion for transmission of the paging information. On the basis of the paging configuration information the terminal device monitors the paging occasion to receive the paging information from the mobile network.

No. of Pages: 52 No. of Claims: 32

(22) Date of filing of Application :03/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: TARGETED ADVERTISING BASED ON PHYSICAL TRAITS AND ANTICIPATED TRAJECTORY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:G06Q30/02 :14/070,817 :04/11/2013 :U.S.A. :NA :NA :NA :NA	· ·
Filing Date (62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A computer-implemented method includes selecting a targeted advertisement based on at least one physical trait of an intended recipient and determining an anticipated trajectory of the intended recipient from a first location based on an observation of the intended recipient at the first location. The method further includes presenting the targeted advertisement for the intended recipient at a second location selected based on the anticipated trajectory. Presenting the targeted advertisement for the intended recipient at the second location can include identifying an advertisement presentation device that is, or will be, available along the anticipated trajectory of the intended recipient, the advertisement presentation device serving the second location, determining an estimated arrival time of the intended recipient at the second location based on the anticipated trajectory, and queuing the targeted advertisement for presentation by the advertisement presentation device based on the estimated arrival time.

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

(21) Application No.2425/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ROTARY DAMPING DEVICE FOR ELECTRICAL HOUSEHOLD APPLIANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16F7/06,D06F37/20 :P201230774 :23/05/2012 :Spain :PCT/IB2013/054052 :17/05/2013 :WO 2013/175372 :NA :NA :NA	(71)Name of Applicant: 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH Address of Applicant: Carl Wery Str. 34 81739 München Germany (72)Name of Inventor: 1)GRACIA BOBED Ismael 2)GRACIA CANO Eduardo 3)MARTINEZ PEREZ Gerardo 4)RECIO FERRER Eduardo
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(57) Abstract:

Rotary damping device for electrical household appliance such as a washing machine 1 or a dryer where the device 18 comprises an arm 20 21 articulated according to a principal articulation axis 23 26 28 optionally by means of at least one principal rotational damper 40 particularly a friction damper. The device 18 is characterized in that it comprises at least one secondary body 30 articulated with respect to an secondary axis of articulation by means of a secondary rotational damper 41 particularly a friction damper and being connected in particular mechanically to an arm 20 21 of the device 18.

No. of Pages: 31 No. of Claims: 17

(22) Date of filing of Application :30/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: FLUID LINE SYSTEM HAVING A FLUID PROCESSING ASSEMBLY METHOD FOR PROCESSING A FLUID THAT FLOWS THROUGH A FLUID LINE TRANSITIONAL COUPLING HAVING SUCH A FLUID LINE SYSTEM AND VEHICLE COMBINATION HAVING SUCH A TRANSITIONAL COUPLING

(51) International :B60T17/00,B01D53/26,B60T17/04

classification

(31) Priority Document No :102012209180.7 (32) Priority Date :31/05/2012 (33) Name of priority country: Germany

(86) International Application :PCT/EP2013/059805

:13/05/2013

Filing Date

(87) International Publication: WO 2013/178456

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

:NA Filing Date

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

(71) Name of Applicant:

1) SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

Germany

(72)Name of Inventor: 1)PFEIFER Christian

(57) Abstract:

The invention relates to a fluid line system (FLS) comprising a fluid line (21; 56; 86) and a fluid processing assembly (FAA.1) arranged in the fluid flow path of the one fluid line (21; 56; 86) wherein a fluid processing unit (24.1) and a flow limiting unit (SBE.1) of the one fluid processing assembly are arranged in series in the fluid flow path of a line segment (LA.1) of the one fluid line (21; 56; 86). In order to optimize the fluid line system for use in a transitional coupling the one fluid processing assembly (FAA.1) has a bypass line (BL.1) which bypasses the line segment (LA.1) and a flow diode (SD.1) is arranged in the fluid flow path of the one bypass line (BL.1) the direction of the flow resistance of the flow diode being opposite the direction of the flow resistance of the one flow limiting unit (SBE.1). The invention further relates to a method for processing a fluid that flows through a fluid line (21; 56; 86). The invention further relates to a transitional coupling (15; 53; 83) for coupling coupling devices (7 12; 37 42; 67 72) of two vehicles (2 3; 32 33; 62 63) and a vehicle combination (1; 31; 61) having at least two vehicles (2 3; 32 33; 62 63) the coupling devices (7 12; 37 42; 67 72) of which are coupled by means of such a transitional coupling (15; 53; 83).

No. of Pages: 32 No. of Claims: 10

(21) Application No.1082/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FILTER AND YARN SPINNING METHOD

(31) Priority Document No :2013- 220727	(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)MATSUI MASAHIRO 2)KAWAMOTO KAZUHIRO
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(57) Abstract:

In a filter in which two types of short metal fiber filters are laminated, the thickness of the filter is restrained as much as possible, and the drop-off of short metal fibers is prevented. Furthermore, erroneously attaching the filter in a reverse manner is prevented. A filter 44 includes a first filter layer 51 formed by sintering first short metal fibers 50a each of which is polygonal in cross section, a second filter layer 52 laminated onto the first filter layer 51 and formed by second short metal fibers 50b each of which is round in cross section, and a third filter layer 53 laminated onto the second filter layer 52. No third filter layer 53 is laminated to the first filter layer 51 and a surface of the first filter layer 51 which surface is on the side opposite to the second filter layer 52 is exposed.

No. of Pages: 61 No. of Claims: 8

:NA

:NA

:NA

(21) Application No.2433/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : CONTACTLESS POSITION MEASUREMENT OF A MOVABLE LANCE IN CONVERTER STEEL PRODUCTION

(51) International classification :C21C5/32,C21C5/46,F27D21/00 (71) Name of Applicant: (31) Priority Document No 1)SIEMENS VAI METALS TECHNOLOGIES GMBH :A531/2012 (32) Priority Date Address of Applicant: Turmstraße 44 4031 Linz Austria :04/05/2012 (33) Name of priority country (72)Name of Inventor: :Austria (86) International Application 1)HARTL Franz :PCT/EP2013/058259 2)KURZMANN Thomas :22/04/2013 Filing Date (87) International Publication :WO 2013/164214 (61) Patent of Addition to :NA **Application Number**

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

The invention relates to a system comprising a movable lance (1) which is provided in order to measure or influence physical or chemical quantities of a melt (2) in a converter (3) and a device which is provided for the contactless position measurement of the movable lance (1). The invention further relates to a converter system comprising such a system and a method for the contactless position measurement of the movable lance (1). In order to enable the most reliable possible and at the same time the safest possible position measurement of a movable lance (1) in converter steel production the system has stationary transmitting means (4) for emitting electromagnetic waves (7) stationary receiving means (5) for receiving the emitted electromagnetic waves (7) a reflector (6) which is connected to the movable lance (1) and on which the electromagnetic waves (7) can be reflected and calculating means (8) for calculating the absolute position of the lance from the propagation time of the electromagnetic waves (7) emitted by the transmitting means (4) in the direction of the reflector (6) reflected by the reflector (6) in the direction (2) of the receiving means (5) and received by the receiving means (5).

No. of Pages: 16 No. of Claims: 8

(22) Date of filing of Application :31/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: CONTROL DEVICE FOR A HYDRAULIC CYLINDER UNIT WITH AN INDIVIDUAL VALVE **CONTROLLER**

(51) International classification: G05B11/38,G05D3/20,F15B15/00 (71) Name of Applicant:

(31) Priority Document No :12168164.7

(32) Priority Date :16/05/2012

(33) Name of priority country :EPO

(86) International Application :PCT/EP2013/058423

:24/04/2013

Filing Date

(87) International Publication

:WO 2013/171041

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

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

Filing Date

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant: Wittelsbacherplatz 2 80333 München

(72) Name of Inventor: 1)TAUTZ Wilfried

(57) Abstract:

A control device for controlling a hydraulic cylinder unit (1) has a controller (15,15') which receives on the input side, a setpoint variable (s*, F*) and an actual variable (s,F) and determines on the basis of the difference (6s,6F) between the setpoint variables and the actual variables a preliminary manipulated variable (u,u') for valve control units (7) of the hydraulic cylinder unit (1). The setpoint variable (s*, F*) and actual variable (s,F) are a setpoint position (s*) to be taken up by a piston (3) of the hydraulic cylinder unit (1) and an actual position (s) taken up by the piston (3) or a setpoint force (F*) to be applied by the piston (3) and an actual force (F) applied by the piston (3). Arranged downstream of the controller (15,15') is a linearization unit (17) which determines on the basis of the preliminary manipulated variable (u,u') and linearization factors (fa to fd) definitive manipulated variables (ua to ud) which it outputs to valve control units (7a to 7d) with the result that the piston (3) is adjusted with an adjustment speed (v). The linearization unit (17) determines the linearization factors (fa to fd) dynamically as a function of at least the actual position (s) of the piston (3) and working pressures (pA,pB,pP,pT) prevailing on both sides of the piston (3) and on the pump side and fuel tank side of the valve control units (7a to 7d). The linearization unit (17) determines the linearization factors (fa to fd) in such a way that a ratio of the adjustment speed (v) to the difference (8s dF) between the setpoint variable (s*, F*) and the actual variable (s,F) is independent of the actual position (s) of the piston (3) and the working pressures (pA,pB,pP,pT).

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

(21) Application No.2420/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD OF CONTINUOUS ANNEALING OF STEEL STRIP DEVICE FOR CONTINUOUS ANNEALING OF STEEL STRIP METHOD OF MANUFACTURING HOT DIP GALVANIZED STEEL STRIP AND DEVICE FOR MANUFACTURING HOT DIP GALVANIZED STEEL STRIP

:C21D9/56,C21D1/76,C23C2/02 (71)Name of Applicant : (51) International classification

(31) Priority Document No :2012133615 (32) Priority Date :13/06/2012 (33) Name of priority country :Japan

(86) International Application No:PCT/JP2013/003629

Filing Date :10/06/2013 (87) International Publication No: WO 2013/187039

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

(62) Divisional to Application :NA Number

:NA Filing Date

1)JFE STEEL CORPORATION

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ku Tokyo 1000011 Japan (72) Name of Inventor: 1)TAKAHASHI Hideyuki

(57) Abstract:

Provided is a method of continuous annealing of steel strips capable of realizing at low cost a low dew point annealing environment not prone to the problems of pickup defect occurrence and furnace wall damage and an annealing atmosphere which prevents easily oxidizable element such as Si and Mn in the steel from becoming concentrated in the surface of the steel strip and forming oxides of the easily oxidizable element such as Si and Mn and which is suitable to annealing of steel strips containing easily oxidizable element such as Si and Mn. A vertical annealing furnace is configured such that: a heating zone and a soaking zone are provided in which the steel strip is conveyed vertically and a separating wall is provided in the heating zone soaking zone for separating the atmosphere in the furnace; an atmosphere gas is supplied from outside of the furnace into the furnace and the gas in the furnace is discharged from a steel strip introduction section at the bottom of the heating zone; a part of the gas in the furnace is sucked in and discharged to a refiner having a deoxygenation device and a dehumidifier device disposed outside the furnace removing oxygen and water in the gas and lowering the dew point and the gas with the lowered dew point is returned back into the furnace. When annealing a steel strip in this vertical annealing furnace the temperature of the steel strip at a position beyond the separating wall is controlled to 550 -700°C.

No. of Pages: 33 No. of Claims: 4

(21) Application No.2421/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: REACTIVE DYES PROCESS FOR THE PRODUCTION THEREOF AND THEIR USE

(51) International classification :C09B31/147,C09B31/153,C09B31/28

(31) Priority Document No :12004552.1 (32) Priority Date :18/06/2012

(33) Name of priority :EPO

country

(86) International :PCT/EP2013/062197

Application No
Filing Date

113/06/2013

(87) International Publication No :WO 2013/189813

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

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

(71)Name of Applicant:

1)DYSTAR COLOURS DISTRIBUTION GMBH

Address of Applicant : Am Prime Parc 10 12 65479 Raunheim

Germany

(72)Name of Inventor: 1)BARBIERU Roxana

2)SIVAMURUGAN Vajiravelu

3)YUAN Han 4)KIM Hyeong Kyu 5)RAVI Vedarethinam

(57) Abstract:

The present invention relates to reactive dyes of the formula (I) in which n A B and K are defined as given in claim a process for preparing them and their use for dyeing and printing hydroxyl amino and/or carboxamido containing materials.

No. of Pages: 313 No. of Claims: 15

(22) Date of filing of Application :30/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: AIR DRYER HAVING A REGENERATION AIR SWITCHING DEVICE CONTAINING **MEMBRANES**

(51) International :B60T17/00,B01D53/04,B01D53/26

classification

(31) Priority Document No :10 2012 007 475.1 (32) Priority Date :13/04/2012 (33) Name of priority country: Germany

(86) International Application :PCT/EP2013/001084

No :12/04/2013 Filing Date

(87) International Publication: WO 2013/152868

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

:NA Filing Date

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

(71)Name of Applicant:

1)KNORR BREMSE SYSTEME FÜR NUTZFAHRZEUGE

GMBH

Address of Applicant : Moosacher Str. 80 80809 München

Germany

(72) Name of Inventor:

1)TÓTH Janos

2)KÁNTOR Kornél

3)TANCZOS Miklos

(57) Abstract:

The invention relates to an air dryer for compressed air systems in particular compressed air brake systems of vehicles which can be charged by a compressor and have at least one compressed air reservoir comprising a housing (1) on which an inlet connection (3) to be connected to the compressor and an outlet connection (4) to be connected to the compressed air reservoir are provided. A drying cartridge (2) containing a regeneratable desiccant is accommodated in the housing (1) in such a way that during a conveying phase the compressed air to be dried flows successively through the inlet connection (3) the drying cartridge (2) and a non return valve (5) connected upstream of the outlet connection (4) in the housing (1) and opening in the flow direction thereto and with a pressure regulator (6) which is integrated in the housing (1) and by means of the switching pressure thereof monitors the opening and closing of a blow valve (7) connected to the inlet connection (3) and a regeneration air switching device (8) in such a way that during a regeneration phase compressed air flows off in the reverse flow direction out of the compressed air reservoir into the outlet connection (4) through the regeneration air switching device (8) the regenerating drying cartridge (2) and through the blow valve (7) via a vent (28) to the atmosphere. The regeneration air switching device (8) has an actuating element (10) which separates two chambers (21,25) and is controllable against spring force by the pressure in at least one of the chambers (21,25) for actuation of a valve member (12) which interacts with a valve seat (18) of a valve (12.18) and is guided longitudinally movably in a bore (30) in the housing (1). The valve (12,18) controls a compressed air flow connection between a compressed air channel (24) communicating with the drying cartridge (2) and another compressed air channel (20) communicating with the outlet connection (4). According to the invention the actuating element contains at least one membrane (10) and one chamber (21) of the regeneration air switching device (8) is connected via one compressed air channel (24) to the drying cartridge (2) and is also connected to the other chamber (25) via at least one non return valve (34) which opens in the flow direction to the other chamber (25) and via at least one throttle (27).

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

(22) Date of filing of Application :09/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AN IMPROVED METHOD OF INSPECTING PRESENCE OF WATER IN COOLING SECTION OF BRIGHT ANNEALING FURNACE FOR TUBE ANNEALING."

	:F27B5/04,	(71)Name of Applicant:
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
() I	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-
(86) International Application No	:NA	831001, Jharkhand India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SANTOSH KUMAR
(61) Patent of Addition to Application Number	:NA	2)P.K.MAHATO
Filing Date	:NA	3)KOUSHIK PATHAK
(62) Divisional to Application Number	:NA	4)DINESH KUMAR ROUT
Filing Date	:NA	

(57) Abstract:

The present invention relates to an improved method of inspecting presence of water in cooling section of bright annealing furnace for tube annealing. A pipe (3) is connected to an extended pipe (4). The extended pipe (4) is connected to a drain valve outside the cooling zone so that a man on the ground floor can perform the inspection to check the presence of water in the cooling section.

No. of Pages: 5 No. of Claims: 2

(21) Application No.2359/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: AIR CONDITIONING DEVICE

(51) International classification: F25B13/00,F24F11/02,F25B1/00 (71) Name of Applicant: (31) Priority Document No :2012088668

(32) Priority Date :09/04/2012 (33) Name of priority country :Japan

(86) International Application :PCT/JP2013/059924 No

:01/04/2013 Filing Date

(87) International Publication :WO 2013/153983

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

(62) Divisional to Application :NA Number :NA

Filing Date

3)MAKINO Tatsuya

1)DAIKIN INDUSTRIES LTD.

Address of Applicant: Umeda Center Building 4 12 Nakazaki Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan

(72) Name of Inventor: 1)KANAZAWA Yukako 2)SHIMODA Junichi

(57) Abstract:

An air conditioning device (1) has a refrigerant circuit (10) in which a compressor (21) a four path switching valve (22) an outdoor heat exchanger (23) an expansion valve (24) and an indoor heat exchanger (41) are connected. The outdoor heat exchanger (23) uses a flat perforated tube as a heat transfer tube (231). The air conditioning device (1) switches the four path switching valve (22) from a heating cycle state to a cooling cycle state when stopping the heating operation stops the compressor (21) and carries out pressure equalization control to equalize the pressure in the refrigerant circuit (10).

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

(21) Application No.2408/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PAYMENT APPARATUS AND METHOD

(51) International classification :G06Q20/02,G06Q20/08,G06Q20/38

(31) Priority Document No :2012901281 (32) Priority Date :30/03/2012 (33) Name of priority

country :Australia

(86) International :PCT/AU2013/000333

Application No :28/03/2013

Filing Date
(87) International

Publication No :WO 2013/142917

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

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

(71)Name of Applicant:

1)IP PAYOVATION PTY LTD

Address of Applicant :Ground Floor 16 21 Claremont Street

South Yarra Victoria 3141 Australia

(72)Name of Inventor:

1)BANKS Benjamin David

2)BENVENUTI Grant Ainsley

(57) Abstract:

A method for performing a payment from a payer to a payee wherein the method includes receiving a payment request for the payment the payment request being generated in response to the payee requesting funds from the payer; generating a transaction code and payment details using the payment request the transaction code being obtained by the payer; receiving the transaction code from the payer; and in response to receiving the transaction code providing at least some of the payment details to the payer including a payment amount and an indication of the payee thereby allowing the payer to authorise the payment.

No. of Pages: 132 No. of Claims: 76

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : INDEXABLE INSERT FOR SHOULDER MILLING CUTTER AND SHOULDER MILLING CUTTER WITH MOUNTING CUTOUTS FOR INDEXABLE INSERTS

(51) International classification :B23C5/20,B23C5/10,B23C5/06 (71)Name of Applicant :
(31) Priority Document No :10 2012 104 082.6 (32) Priority Date :09/05/2012 Address of Applicant :Derendinger Straße 53 72072 Tübingen (33) Name of priority country :Germany (86) International Application No :PCT/EP2013/058753 (72)Name of Inventor :

Filing Date :26/04/2013 1)DAUB Jürgen (87) International Publication No :WO 2013/167400

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

(62) Divisional to Application
Number

Filing Date
:NA
:NA

(57) Abstract:

The present invention relates to an indexable insert (10) comprising an upper side (1) and an underside (1) which are connected by a peripheral lateral surface consisting of a plurality of sub surfaces (2a,2b,2c,2d) wherein at least a part of the section lines between the sub surfaces (2a,2b,2c,2d) and the upper side and the underside form equivalent cutting edges (3a,3b,3c,3d). The indexable insert has in a plan view onto the upper side and the underside (1 1) the shape in each case of a non rectangular parallelogram with a nearly rhombic basic shape and has an imaginary intermediate plane (Z) which is spanned by four corners of an imaginary rhombus the sides (z1,z2,z3,z4) of which run at a distance away from the upper side and the underside along the peripheral lateral surface in a plane such that each of the equivalent cutting edges (3a,3c; 3b, 3d) of the upper side and the underside has the same variation of distance and angle from the intermediate plane (Z). According to the invention in order to create an indexable insert which provides four equivalent stable main cutting edges effects a sufficient clearance angle for the front side secondary cutting edge and has a rake angle of less than 90° at the main cutting edge two diagonally opposing corners (4a,4c) of the upper side and two diagonally opposing corners (4a, 4c) of the underside each have a greater distance (D) from the intermediate plane (Z) than do the respective diagonally opposing corners (4a,4b,4c,4d) of the upper side and the diagonally opposing corners (4a, 4b, 4c,4d) of the upper side and the diagonally opposing corners (4a, 4b, 4c,4d) of the upper side and the diagonally opposing corners (4a, 4b, 4c,4d) of the upper side and the diagonally opposing corners (4a, 4b, 4c,4d) of the upper side and the diagonally opposing corners (4a, 4b, 4c, 4d) of the underside are shifted parallel to the intermediate plane Z and as viewed in a plan view onto the intermediate plane Z in mutually opposite directions away from the associated diagonals (d1,d2) of

No. of Pages: 26 No. of Claims: 23

(21) Application No.495/CAL/2000 A

(19) INDIA

(22) Date of filing of Application :29/08/2000 (43) Publication Date : 13/11/2015

(54) Title of the invention: VOICE CONTROL SYSTEM WITH A MICROPHONE ARRAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	15/26 :19943875.7	(71)Name of Applicant: 1)DEUTSCHE THOMSON-BRANDT GMBH Address of Applicant:HERMANN-SCHWER-STR.3, D- 78048 VILLINGEN-SCHWENNINGEN Germany (72)Name of Inventor: 1)SCHRODER ERNST F.
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(57) Abstract:

Voice control systems are used in diverse technical fields. In this case, the spoken words are detected by one or more microphones and then fed to a speech recognition system. In order to enable voice control even from a relatively great distance, the voice signal must be separated from interfering background signals. This can be effected by spatial separation using microphone arrays comprising two or more microphones. In this case, it is advantageous for the individual microphones of the microphone array to be distributed spatially over the greatest possible distance. In an individual consumer electronics appliance, however, the distances between the individual microphones are limited on account of the dimensions of the appliance. Therefore, the voice control system according to the invention comprises a microphone array having a plurality of microphones which are distributed between different appliances, in which case the signals generated by the microphones can be transmitted to the central speech recognition unit, advantageously via a bidirectional network based on an IEEE 1394 bus.

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

(21) Application No.1074/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: FLEXIBLE TUBE FOR EXHAUST PIPE OF AUTOMOBILE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F01N1/16 F16L27/10 :10-2014- 0007962 :22/01/2014 :Republic of Korea :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)SJM CO., LTD. Address of Applicant: 401-5, MOKNAE-DONG, DANWON-GU, ANSAN-SI GYEONGGI-DO 425-100, REPUBLIC OF KOREA (72)Name of Inventor: 1)KIM KYEONG JUNG
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(57) Abstract:

The present invention provides a flexible tube for an exhaust pipe of an automobile, of which the bellows member (10) has protrusion portions (12), a center portion (C) and both end portions (U) such that the protrusion portions (12) have a uniform outer diameter, and the center portion (C) has a maximum depression inner diameter (D3) which is larger than a minimum depression inner diameter (D1) of the both end portions (U), and the outer cover member (30) is formed of an outer net with a network structure, wherein a depression inner diameter in the center of a bellows is larger than a depression inner diameter at the both ends such that a gap from an interlocking member increases so as to prevent the interference between the bellows and the interlocking member.

No. of Pages: 35 No. of Claims: 6

(21) Application No.1075/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: MOBILE SYSTEM AND METHOD FOR PAYMENTS AND NON-FINANCIAL TRANSACTIONS

(51) International classification	:G06Q20/32 G06Q20/38	(71)Name of Applicant: 1)PAYME, INC.
(31) Priority Document No	:14/108,159	Address of Applicant :SHIRLEY HOUSE, FIFTY SHIRLEY
(32) Priority Date	:16/12/2013	STREET P.O. BOX N624, NASSAU, BAHAMAS
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:NA	1)RANDY SMITH
Filing Date	:NA	2)EARL HORNBOSTEL
(87) International Publication No	: NA	3)STEVE VALENZUELA
(61) Patent of Addition to Application Number	:NA	4)RYAN YOUNG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

A method and system for mobile commerce, communication, and transaction processing to real-world point of sale (POS), web, ecommerce, virtual terminal, mobile personal digital assistant, mobile phone, mobile device, or other computer based transactions involving either one or both financial and non-financial such as loyalty based transactions as a mobile payment system is described. A consumer mobile software application (CMA) may be utilized in accordance with the method and system to provide a visual representation of merchants that abstractly represents the relevance of the merchants to a consumer.

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

(22) Date of filing of Application :31/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: ROTARY PISTON PUMP WITH OPTIMISED INLETS AND OUTLETS

(71)Name of Applicant:

1)NETZSCH PUMPEN & SYSTEME GMBH

Address of Applicant: Gebrüder Netzsch Straße 19 95100 Selb Germany

(51) International classification :F04C2/18,F04C15/06.F04C2/08 (72)Name of Inventor :

(31) Priority Document No :10 2012 008 527.3 (32) Priority Date :02/05/2012 (33) Name of priority country :Germany

(86) International Application No:PCT/DE2013/100127

Filing Date :09/04/2013

(87) International Publication No: WO 2013/163987

(61) Patent of Addition to

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)WEIGL Stefan 2) DENK Reinhard 3)KAMAL Hisham 4)STRASSL Josef

5)KURZ Robert

6)MURRENHOFF Bernhard

7)BOEHME Thomas 8)HERR Gunther 9)KNEIDL Franz 10)TEKNEYAN Mikael 11) GRADL Matthias

12)WEBER Erwin 13)WILLIS Roger 14)KERN Stefan 15)Kreidl Johann

16) VERHOEVEN Marcel

(57) Abstract:

The present invention relates to a rotary piston pump for conveying fluids and for conveying fluids containing solid materials. The rotary piston pump consists of a pump housing which is provided with an inlet and an outlet. The pump housing has a lining. At least two rotary pistons rotating in opposite directions which form piston spaces during the rotation thereof are arranged in the pump housing or inside the lining. During the rotary movement the pistons are sealed against one another against the pump housing and against the lining. In the pump housing and/or in the lining means with which the pulsation can be reduced or even completely eliminated are arranged spatially close to the inlet and/or the outlet.

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

(21) Application No.2436/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: CYCLIC AMIDES AS METAP 2 INHIBITORS

:PCT/EP2013/000867

:WO 2013/149704

(51) International :C07D223/08,C07D223/10,C07D401/04 classification

:Germany

:21/03/2013

:NA

(31) Priority Document

:10 2012 006 884.0 :04/04/2012

(32) Priority Date (33) Name of priority country

(86) International

Application No

Filing Date

(87) International

Publication No (61) Patent of Addition to :NA

Application Number Filing Date

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

(71)Name of Applicant:

1)MERCK PATENT GMBH

Address of Applicant :Frankfurter Strasse 250 64293

Darmstadt Germany

(72)Name of Inventor:

1)HEINRICH Timo

2)ZENKE Frank

3)KRIER Mireille

4)FRIESE HAMIM Manja

5)SEENISAMY Jeyaprakashnarayanan

(57) Abstract:

The invention relates to compounds of the formula (I) in which R1,R3,R5,R6,R7,R,X and Y have the meanings specified in claim 1. The compounds are methionine aminopeptidase inhibitors and can be used for treating tumors.

No. of Pages: 249 No. of Claims: 11

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHODS AND NODES FOR RADIO COMMUNICATION WITH A USER EQUIPMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W48/08 :NA :NA :NA :PCT/SE2012/050480 :07/05/2012 :WO 2013/169149 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)HEISER Franz 2)ÖSTERLING Jacob
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(57) Abstract:

The present invention relates to a method in a radio equipment unit for downlink radio communication with a UE of a radio network. The radio equipment unit provides radio communication with UE in at least one cell and is connected to a radio equipment control unit controlling the radio communication. The method comprises receiving (610) from the radio equipment control unit: baseband processed user related data and information indicating a frequency radio resource allocated for a transmission to the UE. The method also comprises generating (620) cell defining signals for the cell of the UE and transmitting (630) the generated cell defining signals added to the baseband processed user related data to the UE using the indicated frequency radio resource. The present invention also relates to a corresponding method in the radio equipment control unit and to the units themselves.

No. of Pages: 47 No. of Claims: 48

(21) Application No.2449/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: HYDRAULIC SYSTEM FOR CONTROLLING A JAW CRUSHER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B02C1/02 :12167460.0 :10/05/2012 :EPO :PCT/EP2013/058677 :26/04/2013 :WO 2013/167393 :NA :NA	(71)Name of Applicant: 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant: S 811 81 Sandviken Sweden (72)Name of Inventor: 1)BURHOFF Kristian 2)SJÖBERG Patrik 3)WOOD Andreas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A hydraulic system (46) for controlling the position of a movable jaw of a jaw crusher comprises a hydraulic cylinder (28) having a piston (34) comprising a piston rod (36) for positioning the movable jaw (2). The hydraulic cylinder (28) comprises a bore side space (42) for containing a hydraulic fluid taking up crushing forces exerted by the movable jaw on the piston rod (36) and an annular side space (44) containing a hydraulic fluid pressing the piston (34) against hydraulic fluid of the bore side space (42). The hydraulic system (46) further comprises an annular side space accumulator (74) which comprises a fluid compartment (80) which is in fluid contact with the annular side space (44) and a gas compartment (76) containing a pressurized gas applying a pressure on the hydraulic fluid in the annular side space (44).

No. of Pages: 29 No. of Claims: 18

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHODS AND ARRANGEMENTS FOR CSI REPORTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:13/469843 :11/05/2012 :U.S.A. :PCT/SE2013/050514 :07/05/2013 :WO 2013/169195 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: SE 164 83 Stockholm Sweden (72)Name of Inventor: 1)HAMMARWALL David 2)BERGMAN Svante
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Some embodiments provide a method in a wireless device for reporting channel state information CSI for a CSI process. The CSI process corresponds to a reference signal resource and an interference measurement resource. According to the method the wireless device obtains (810) an adjustment value associated with the CSI process. The wireless device estimates (820) an effective channel based on one or more reference signals received in the reference signal resource and applies (830) the adjustment value to the estimated effective channel thereby obtaining an adjusted effective channel. Furthermore the wireless device determines (840) channel state information based on the adjusted effective channel and on interference estimated based on the interference measurement resource. Finally the channel state information is transmitted (850) to a network node.

No. of Pages: 49 No. of Claims: 22

(21) Application No.2329/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR MULTI PLAYING VIDEOS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G11B20/10,H04N5/93 :1020120055434 :24/05/2012 :Republic of Korea :PCT/KR2013/004556 :24/05/2013	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant: 129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea (72)Name of Inventor: 1)JANG Do Young
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2013/176510 :NA :NA :NA :NA	

(57) Abstract:

A method of multi playing videos in an apparatus having a first decoder for decoding a video and a controller for controlling the decoder includes determining by the controller whether the first decoder is in use generating video clips by decoding a video by the controller as a second decoder if the first decoder is in use storing video clips in a storage unit and simultaneously playing video clips stored in the storage unit in response to detection of a preview request event.

No. of Pages: 26 No. of Claims: 17

(21) Application No.2460/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: HYDRAULIKSYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:20/03/2013 :WO 2013/178373 :NA :NA :NA	(71)Name of Applicant: 1)PUTZMEISTER ENGINEERING GMBH Address of Applicant: Max Eyth Strasse 10 72631 Aichtal Germany (72)Name of Inventor: 1)VEIT Jan Martin 2)MÜNZENMAIER Werner
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a hydraulic system preferably for actuating and engaging a mobile slurry pump. The hydraulic system comprises a primary circuit actuating a first hydraulic consumer which circuit has a hydraulic drive assembly comprising at least one motor driven hydraulic pump (1,2,44). The hydraulic system further comprises a secondary circuit 11, actuating a second hydraulic consumer which circuit has a second hydraulic drive assembly comprising at least one additional motor driven hydraulic pump (22). In a first operating state hydraulic oil from a common tank (60) can be admitted to the hydraulic consumers (7,8; 24) arranged in the primary circuit and in the secondary circuit 11 via the hydraulic drive assemblies thereof independently of one another. In a second operating state a portion of the hydraulic oil is supplied from the primary circuit 1 to the secondary circuit 11 to actuate the second consumer (24).

No. of Pages: 29 No. of Claims: 9

(21) Application No.2330/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DRAG CHAIN WITH ROLLERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16G13/16 :20 2012 003 908.3 :19/04/2012 :Germany :PCT/EP2013/057594 :11/04/2013 :WO 2013/156388 :NA :NA	(71)Name of Applicant: 1)IGUS GMBH Address of Applicant: Spicher Str. 1a 51147 Köln Germany (72)Name of Inventor: 1)JAEKER Thilo Alexander
E	:NA :NA	

(57) Abstract:

The invention relates to a drag chain for guiding hoses cables and the like comprising a number of chain links (1) which are connected to one another in an articulated manner and which are formed by parallel link plates (11,12) that are connected into parallel link plate sections and by cross members (31) which connect said link plates. The link plates can be pivoted relative to one another about a pivot axis which is common to each two adjacent link plates. The drag chain can be moved so as to form a loop with an upper run a lower run and a deflection region which connects said upper run and lower run whereby an inner face and an outer face are defined on the chain links with respect to the loop. The cross members (31a) on the outer face of the chain links (1) can be released from the link plate at least at one end and pivoted in order to open the chain link (1) whereas the cross members (31i) on the inner face of the chain links are rigidly connected to the link plates. Rollers (21) are introduced into at least some of the link plates and the rollers protrude out of the narrow faces (17) of the link plates and can roll on the narrow faces (17) of the link plates of the opposite run when the chain is moved. The rigid connection of the cross members (31i) is produced on the link plate surfaces facing the interior of the chain link.

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

(21) Application No.2331/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: TERMINAL FOR SUPPORTING ICON OPERATION AND ICON OPERATION METHOD

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:G06F3/048,G06F3/14,H04B1/40 :1020120035032 :04/04/2012 :Republic of Korea	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO. LTD. Address of Applicant: 129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(86) International Application No Filing Date (87) International Publication No	:PCT/KR2013/002722 :02/04/2013 :WO 2013/151303	(72)Name of Inventor: 1)LIM Kyung Soo 2)SEO Suck Ho 3)AHN Ki Suh 4)YANG Hye Jung
(61) Patent of Addition to Application Number Filing Date	:NA :NA	5)RHIM Eun Hee 6)JUN Jin Ha 7)CHO Sie Joon
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods and apparatus are provided for an icon operation. A signal for designating a preset non use period is received. An icon is output in a display format according to a non use history of the icon and based on the preset non use period.

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

(21) Application No.1079/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: A DRUM FOR PROCESSING FIBRE MATERIAL

(51) International classification	:B29C70/06	(71)Name of Applicant:
(31) Priority Document No	:FI	1)VALMET TECHNOLOGIES, INC.
(31) I Hority Document ivo	20136122	Address of Applicant :KEILASATAMA 5 02150 ESPOO,
(32) Priority Date	:15/11/2013	FINLAND
(33) Name of priority country	:Finland	(72)Name of Inventor:
(86) International Application No	:NA	1)KANKAANPÄÄ VEIKKO
Filing Date	:NA	2)AHO TUOMO
(87) International Publication No	: NA	3)OKSMAN RISTO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A drum (2) for processing fibre material (F). The drum (2) comprises a first end (4), a second end (5) and a casing (3) that together define an inner volume of the drum (2), and at least one lifter (15) directed towards the inner volume of the drum, wherein the lifter (15) is a uniform part of the casing (3) of the drum (2).

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

(21) Application No.2340/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: MICROPARTICLE VACCINE AGAINST MALARIA

:NA

(51) International classification :A61K39/015,A61K39/ (31) Priority Document No :61/617998 (32) Priority Date :30/03/2012

(86) International Application No :PCT/US2013/033070

Filing Date :20/03/2013 (87) International Publication No :WO 2013/148426

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

:A61K39/015,A61K39/385 (71)Name of Applicant :

1)ARTIFICIAL CELL TECHNOLOGIES INC.

Address of Applicant :5 Science Park Suite 13 New Haven CT

06511 U.S.A.

(72)Name of Inventor:

1)POWELL Thomas J.

(57) Abstract:

Filing Date

Plasmodium falciparumPlasmodium protozoan. Multilayer films comprise polypeptide epitopes from specifically a circumsporozoite T1 B or T* epitope. The multilayer films are capable of eliciting an immune response in a host upon administration to the host. The multilayer films can include at least one designed peptide that includes one or more polypeptide epitopes from a

No. of Pages: 66 No. of Claims: 26

(21) Application No.2341/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: RUBBER FORMULATIONS INCLUDING GRAPHENIC CARBON PARTICLES

(51) International classification :C08L7/00,C08L9/00,C08L21/00 (71) Name of Applicant : (31) Priority Document No 1)PPG INDUSTRIES OHIO INC. :13/462955 (32) Priority Date :03/05/2012 Address of Applicant: 3800 West 143rd Street Cleveland Ohio (33) Name of priority country 44111 U.S.A. :U.S.A. (86) International Application (72) Name of Inventor: :PCT/US2013/036565 No 1)MARTIN Justin J. :15/04/2013 Filing Date 2) VANIER Noel R. 3) REARICK Brian K. (87) International Publication No:WO 2013/165677 (61) Patent of Addition to 4)KOLLAH Raphael O. :NA **Application Number** 5)OKEL Timothy A. :NA Filing Date 6)ASAY David (62) Divisional to Application 7)KAHLE Charles F. :NA Number 8) HUNG Cheng Hung :NA Filing Date

(57) Abstract:

Rubber formulations comprising a base rubber composition graphenic carbon particles and non conductive filler particles such as silica are disclosed. The formulations possess favorable properties such as relatively low surface resistivities and are useful for many applications such as tire treads.

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

(21) Application No.2345/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: IMPEDANCE MATCHING DEVICE AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:30/11/2012 :WO 2013/180360 :NA :NA	(71)Name of Applicant: 1)NOHSN CO. LTD Address of Applicant:101ho Center for Radiation Imaging Technology JBTP 500beonji Dasong ri Hamyeol eup Iksan si Jeollabuk do 570 802 Republic of Korea (72)Name of Inventor: 1)HAN Cheol Min
- 10	:NA :NA :NA	

(57) Abstract:

The present invention relates to an impedance matching device and includes: a matching element array unit through which a transmitted pulse output from a system and a reflected received pulse of the transmitted pulse pass; an extraction/calculation unit extracting pulse information from the pulses calculating impedance values corresponding to the pulse information and calculating a matching impedance value at which the response characteristics of the received pulse are best; an array control unit routing the matching element array unit according to the matching impedance value; a first conversion unit converting the frequency of the transmitted pulse into a carrier frequency and outputting the carrier frequency to the matching element array unit; a second conversion unit converting the carrier frequency output from the matching element array unit into a low frequency; and a conversion control unit outputting a signal for controlling the frequency conversion of the first conversion unit and the second conversion unit.

No. of Pages: 20 No. of Claims: 5

(21) Application No.2346/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: DOUBLE OFFSET BUTTERFLY VALVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:25/04/2013 :WO 2014/175886 :NA :NA	(71)Name of Applicant: 1)QTRCO INC. Address of Applicant:13120 Theis Lane Tomball TX 77375 U.S.A. (72)Name of Inventor: 1)HOLTGRAVER Edward
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A double offset butterfly valve comprising a valve body a valve seat carried by the valve body and a valve disc mounted on a shaft rotatably journaled in the valve body the shaft being eccentric both to the centerline of the body and to the centerline of the valve disc (double offset). The periphery of the valve disc has a substantial knife edge which contacts the valve seat without rubbing. As the valve disc rotates the knife edge remains out of contact with the valve seat until the knife edge contacts the seat at full closure.

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

(21) Application No.2347/KOLNP/2014 A

(19) INDIA

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

(43) Publication Date: 13/11/2015

(54) Title of the invention: DISC BRAKE FOR VEHICLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16D55/226 :10 2012 008 003.4 :20/04/2012 :Germany :PCT/EP2013/001178 :19/04/2013 :WO 2013/156164 :NA :NA :NA	(71)Name of Applicant: 1)KNORR BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH Address of Applicant :Moosacher Str. 80 80809 München Germany (72)Name of Inventor: 1)BAUMGARTNER Johann 2)WERTH Alexander
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(57) Abstract:

A disc brake for vehicles in particular for commercial vehicles having brake shoes which are arranged on both sides of a brake disc and have brake pads having a brake application device for applying one of the brake shoes and having a brake calliper for transmitting the application force to the brake shoe on the other side that is to say on the reaction side of the brake disc wherein the brake calliper of the disc brake has a calliper frame which is produced from a shaped hollow profile.

No. of Pages: 19 No. of Claims: 15

(22) Date of filing of Application :24/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: DRIVING DEVICE AND WORK MACHINE DEVICE

(51) International classification :B02C13/30,F16H3/12,F16H47/02 (71)Name of Applicant :

:10 2012 008 105.7 (31) Priority Document No :25/04/2012

(32) Priority Date (33) Name of priority country :Germany

(86) International Application :PCT/EP2013/057710

No :12/04/2013 Filing Date

(87) International Publication :WO 2013/160127

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

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

1)DESCH ANTRIEBSTECHNIK GMBH & CO. KG Address of Applicant : Kleinbahnstrasse 21 59759 Arnsberg

Germany

(72) Name of Inventor: 1)DESCH Hendrik Peter

2)GEILKER Uwe

3)PLATTFAUT Bernhard

4)WINIARSKI Udo

coupling at least one hydraulic pump and a gear train output shaft an auxiliary drive is used which is designed to drive the gear train output shaft independently of the main driving means. Furthermore a work machine device is proposed comprising a driving device according to the invention and a work machine which can be started accordingly in a low wear manner and which enables longer term operation in the reverse direction of rotation. Corresponding methods are also proposed in connection with the driving device and the work machine device which methods enable low wear starting and the elimination of undesired operating states.

According to the invention for the low wear starting of a driving device comprising a main driving means a gear train a switchable

No. of Pages: 31 No. of Claims: 16

(21) Application No.1115/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: VIDEO ENCODER WITH BLOCK MERGING AND METHODS FOR USE THEREWITH

(86) International Application No Filing Date (87) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) Patent of Addition to Application Number Filing Date (80) International Application No (81) Patent of Addition to Application Number Filing Date (82) Divisional to Application Number Filing Date (83) International Application No (84) International Application No (85) International Files Critical (C2) Name of Inventor: (85) Name of Inventor: (87) Name of Inventor:	Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:14/145,508 :31/12/2013 :U.S.A. :NA :NA :NA :NA :NA	Address of Applicant :1210 SHEPPARD AVE. EAST SUITE 800, TORONTO, ONTARIO M2K 1E3 CANADA (72)Name of Inventor : 1)YING LI
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(57) Abstract:

A video encoder includes a motion search module that determines a motion search motion vector for a region of a selected picture of the plurality of pictures. The motion search module determines the region by merging selected ones of a plurality of blocks of the selected picture based on an evaluation of a cost matrix associated with the plurality of blocks of the selected picture.

No. of Pages: 39 No. of Claims: 15

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND DEVICE FOR EVALUATING MEDIA QUALITY

(51) International classification	:H04N17/00	(71)Name of Applicant:
(31) Priority Document No	:201210168687.0	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:28/05/2012	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2012/085710	(72)Name of Inventor:
Filing Date	:02/12/2012	1)GAO Shan
(87) International Publication No	:WO 2013/177910	2)SUN Lina
(61) Patent of Addition to Application	:NA	3)XIE Qingpeng
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is applied to the field of communications and provides a method and device for evaluating media quality. The method comprises: obtaining media reference quality and pause event distortion quality; determining final media quality according to the obtained media reference quality and the pause event distortion quality wherein parameters of the pause event distortion quality include at least one of the following: times of pause events duration of pause events interaction effect parameters of multiple pause events initial media quality and complexity description factors of media contents. When calculating the media quality the present invention considers the effect of the interaction effect parameters of multiple pause events initial media quality and complexity description factors of media contents upon the media quality thus being more accurate the media quality evaluation result and according better with the subjective feeling of people.

No. of Pages: 37 No. of Claims: 24

(21) Application No.2337/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: COMPRESSION CUTTING TOOL

(51) International classification	:B23C5/10	(71)Name of Applicant:
(31) Priority Document No	:13/460895	1)SECO TOOLS AB
(32) Priority Date	:01/05/2012	Address of Applicant :S 737 82 Fagersta Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/058990	1)WINEBRENNER John Richard
Filing Date	:30/04/2013	
(87) International Publication No	:WO 2013/164342	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A rotating tool includes a tool body including a first end and a second end. A plurality of first helical flutes extend from the first end of the tool body each first helical flute of the plurality of helical flutes defining a respective first cutting edge. A plurality of second helical flutes intersect with the first helical flutes at non zero distances from the first and the second ends of the tool body each second helical flute of the plurality of second helical flutes defining a respective second cutting edge. The first helical flutes and the second helical flutes are of opposite hands. The first helical flutes have a first pitch and the second helical flutes have a second pitch. A plurality of chip divider recesses are formed along each first cutting edge.

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

(21) Application No.2338/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: INTERNAL COMBUSTION ENGINE JACKET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02F1/00,C23C16/00 :1254060 :03/05/2012 :France :PCT/IB2013/001028 :06/05/2013 :WO 2013/164690 :NA :NA :NA	(71)Name of Applicant: 1)H.E.F. Address of Applicant:Rue Benoit Fourneyron F 42166 Andrezieux Boutheon France (72)Name of Inventor: 1)HEAU Christophe 2)BOMBILLON Laurent 3)MAURIN PERRIER Philippe
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(57) Abstract:

The invention relates to an internal combustion engine jacket the inside of which is treated so as to be totally smooth and is provided with a DLC type coating.

No. of Pages: 17 No. of Claims: 8

(21) Application No.2339/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :22/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ANTIGENIC COMPOSITIONS AND METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:20/03/2013 :WO 2013/148427 :NA :NA	 (71)Name of Applicant: 1)ARTIFICIAL CELL TECHNOLOGIES INC. Address of Applicant: 5 Science Park Suite 13 New Haven Connecticut 06511 U.S.A. (72)Name of Inventor: 1)POWELL Thomas J. 2)BOYD James Gorham
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Multilayer films comprised of polypeptide epitopes and a toll like receptor ligand. The multilayer films are capable of eliciting an immune response in a host upon administration to the host. The multilayer films can include at least one designed peptide that includes one or more polypeptide epitopes from a virus bacteria fungus or parasite.

No. of Pages: 54 No. of Claims: 24

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CABLE CLAMP AND TELECOMMUNICATIONS ENCLOSURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G02B6/44 :61/619676 :03/04/2012 :U.S.A. :PCT/EP2013/056066 :22/03/2013 :WO 2013/149857 :NA :NA :NA	(71)Name of Applicant: 1)TYCO ELECTRONICS RAYCHEM BVBA Address of Applicant: Diestsesteenweg 692 B 3010 Kessel Lo Belgium (72)Name of Inventor: 1)AZNAG Mohamed
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(57) Abstract:

A telecommunications closure (10) comprising cables (46) a cover (20) an interior frame (30) the frame (30) holding telecommunications equipment (32) and a seal block (40) sealing the cover (20) closed relative to one or more cables (46) which enter the closure (10). The frame (30) defines a plurality of clamp assembly holders (36). A plurality of clamp assemblies (60,160,260) are provided each clamp assembly (60,160,260) for holding a cable including a jacket (48) interior optical fibers (52) and at least one interior strength member (50). Each clamp assembly (60,160,260) includes a jacket clamp assembly (64,164,264) moveable relative to the frame and including a wrap (68) which mounts around the jacket and a strength member clamp assembly (80,180,280) moveable relative to the frame. The wrap (68) wraps around the jacket (48) and is adjustable for different jacket diameters. The strength member clamp assembly (80,180,280) is mountable in a plurality of positions relative to the jacket clamp assembly (64,164,264) to account for variations in the relative location of the strength member relative to the jacket clamp assembly. The clamp assembly (60,160,260) is moveable relative to the frame (30) wherein the cable (46) is allowed to move to a proper position relative to the seal block (40) so as to reduce the likelihood of a leak by being centrally positioned relative to the cable opening through the seal block.

No. of Pages: 68 No. of Claims: 26

(21) Application No.2374/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: REFRIGERATION DEVICE

:H01L23/473,H05K7/20	(71)Name of Applicant:
:2012096841	1)DAIKIN INDUSTRIES LTD.
:20/04/2012	Address of Applicant :Umeda Center Building 4 12 Nakazaki
:Japan	Nishi 2 Chome Kita ku Osaka shi Osaka 5308323 Japan
:PCT/JP2013/002400	(72)Name of Inventor:
:08/04/2013	1)OGURI Akihiko
:WO 2013/157218	2)TERAKI Junichi
·NIA	3)KITA Masanobu
	4)DOUMAE Hiroshi
.IVA	5)IKEDA Motonobu
:NA	6)FUJIWARA Masahide
:NA	
	:2012096841 :20/04/2012 :Japan :PCT/JP2013/002400 :08/04/2013 :WO 2013/157218 :NA :NA

(57) Abstract:

A facing surface (52) of a refrigerant jacket (40) has: a contact section (520) that comes in contact with a device main body (200); a first recessed section (521) that faces a first lead section (201) and secures an insulating distance from the first lead section (201) by being positioned further away from the power device (20) than the contact section (520); and a second recessed section (522) that faces a second lead section (202) and secures an insulating distance from the second lead section (202) by being positioned further away from the power device (20) than the contact section (520).

No. of Pages: 49 No. of Claims: 5

(21) Application No.2523/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/09/2012 (43) Publication Date : 13/11/2015

(54) Title of the invention : DEVICE AND METHOD FOR IMPROVED MAGNITUDE RESPONSE AND TEMPORAL ALIGNMENT IN PHASE VOCODER BASED BANDWIDTH EXTENSION METHOD FOR AUDIO SIGNALS

(51) International classification	:G10L21/02	(71)Name of Applicant :
(31) Priority Document No	:61/312,118	1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG
(32) Priority Date	:09/03/2010	DER ANGEWANDTEN FORSCHUNG E.V.
(33) Name of priority country	:U.S.A.	Address of Applicant :Hansastrasse 27c, 80686 Muenchen,
(86) International Application No	:PCT/EP2011/053298	GERMANY
Filing Date	:04/03/2011	2)DOLBY INTERNATIONAL AB
(87) International Publication No	:WO 2011/110494	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)DISCH,Sascha
Number	:NA	2)NAGEL,Frederik
Filing Date	.IVA	3)WILDE,Stephan
(62) Divisional to Application Number	:NA	4)VILLEMOES,Lars
Filing Date	:NA	5)EKSTRAND,Per

(57) Abstract:

An apparatus for generating a bandwidth extended audio signal from an input signal, comprises a patch generator for generating one or more patch signals from the input signal, wherein the patch generator is configured for performing a time stretching (1800, 1808) of subband signals from an analysis filterbank, and wherein the patch generator further comprises a phase adjuster (1806) for adjusting phases of the subband signals using a filterbank-channel dependent phase correction.

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

(21) Application No.1100/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: CONSTRUCTION MACHINE

(51) International classification	:B06B	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)KOBELCO CONSTRUCTION MACHINERY CO., LTD.
	239422	Address of Applicant :2-1, ITSUKAICHIKOU 2-CHOME,
(32) Priority Date	:20/11/2013	SAEKI-KU, HIROSHIMA-SHI, HIROSHIMA 731-5161 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)YOKOTA JUMPEI
Filing Date	:NA	2)MURAKAMI MASAAKI
(87) International Publication No	: NA	3)KITA TOMOTAKA
(61) Patent of Addition to Application Number	:NA	4)UEDA YOSHIHIKO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a construction machine capable of accepting additional equipment, including: an upper slewing body including an upper frame (25); an engine room (12) provided on the rear portion of the upper frame (25); a cabin (17) provided on the front portion on the right or left side of the upper frame (25); a plurality of tanks including a fuel tank (18) and a hydraulic tank (19) placed on the upper frame (25); an air cleaner (37); a center foothold (20) provided on the widthwise intermediate portion of the upper frame (25) and forward of the engine room (12); and a climbing step (21) provided in the opposite side to the cabin (17). A first tank of the plurality of tanks is placed on a portion on the right or left side of the upper frame (25), and a second tank is arranged on a portion between the cabin (17) and the engine room (12) on the opposite side to the first tank. The air cleaner (37) is superposed on the second tank.

No. of Pages: 27 No. of Claims: 6

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SCANNING METHODS AND SYSTEMS TO REDUCE OPAQUE BUBBLE LAYERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F9/008 :NA :NA :NA :PCT/EP2012/003615 :28/08/2012 :WO 2014/032678 :NA :NA	(71)Name of Applicant: 1)WAVELIGHT GMBH Address of Applicant: Am Wolfsmantel 5 91058 Erlangen Germany (72)Name of Inventor: 1)SCHUMACHER Silvia 2)MROCHEN Michael 3)WUELLNER Christian 4)DONITZKY Christof 5)VOGLER Klaus
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(57) Abstract:

In certain embodiments reducing opaque bubble layers (OBLs) comprises receiving information describing a tissue region of a tissue where laser pulses are applied to yield laser induced optical breakdowns (LIOBs) in the tissue region. The LIOBs yield bubbles of gas. A concentration of the gas in the tissue region is estimated from the information. One or more laser parameters are adjusted in response to the concentration of the gas to satisfy a critical concentration rule.

No. of Pages: 25 No. of Claims: 22

(21) Application No.2384/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: PROCESS AND APPARATUS FOR DETERMINING OPTICAL ABERRATIONS OF AN EYE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	(71)Name of Applicant: 1)WAVELIGHT GMBH Address of Applicant: Am Wolfsmantel 5 91058 Erlangen Germany (72)Name of Inventor: 1)WUELLNER Christian 2)DONITZKY Christof 3)KAEMMERER Maik
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(57) Abstract:

A process and an apparatus are proposed for determining optical aberrations of an eye (12) with its optical system (30) including the cornea (32,173) and the lens (34,180). The process includes the reconstructing of wavefront aberrations (100) of the eye (12) as a deviation of the wavefront (102) determined by the optical system (30) of the eye (12) with a process of aberrometry with respect to an ideal planar wavefront (104) generated by an aberration free eye model. A measured ocular length is employed for the aberration free eye model.

No. of Pages: 64 No. of Claims: 14

(21) Application No.2319/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: AIR CONDITIONER

(51) International classification :F24F11/02,F24F1/00,F24F13/30 (71) Name of Applicant :

(31) Priority Document No :2012093123 (32) Priority Date :16/04/2012

(33) Name of priority country :Japan

(86) International Application :PCT/JP2013/060372

:04/04/2013 Filing Date

(87) International Publication No:WO 2013/157406

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

(62) Divisional to Application :NA Number :NA

Filing Date

1)DAIKIN INDUSTRIES LTD.

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(72)Name of Inventor:

1)HAIKAWA Tomovuki 2)MINAMIDA Tomoatsu

(57) Abstract:

A problem exists in which dehumidification cannot be carried out when the load decreases. The air conditioner of the present invention comprises an indoor heat exchanger having an auxiliary heat exchanger (20) and a main heat exchanger (21) that is arranged on the downstream side of the auxiliary heat exchanger (20). During operation in a predetermined dehumidifying operation mode all of the liquid refrigerant supplied to the auxiliary heat exchanger (20) evaporates partway through the auxiliary heat exchanger (20). As a result only a portion of the upstream side of the auxiliary heat exchanger (20) is an evaporation region and the area on the downstream side of the evaporation region for the auxiliary heat exchanger (20) is a superheating region. In addition during the predetermined dehumidifying operation a compressor and an expansion valve are controlled so that the area of the evaporation region of the auxiliary heat exchanger (20) changes in accordance with the load.

No. of Pages: 40 No. of Claims: 8

(21) Application No.2320/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: HANDLE DEVICE AND BREATH ANALYSIS DEVICE

(51) International classification :A61B5/097,G01N1/02,G01N33/497

(31) Priority Document No :2012098942 (32) Priority Date :24/04/2012

(33) Name of priority :Japan

country

(86) International :PCT/JP2013/002756
Application No :22/04/2013

Filing Date :23/04/2013

(87) International Publication: WO 2013/161286

(61) Patent of Addition to :NA

Application Number :NA :NA

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

(71)Name of Applicant:

1)PANASONIC HEALTHCARE CO. LTD.

Address of Applicant :2131 1 Minamigata Toon shi Ehime

7910395 Japan

2)AEROCRINE AB

(72)Name of Inventor:

1)YANO Masayoshi

2)KIMURA Takashi

3)STARCK JOHNSON Peter Hans

(57) Abstract:

The present invention pertains to a handle device and the purpose thereof is to enhance operability. To achieve this purpose this handle section (1) into which air is taken and breath is blown during analysis of breath is provided with an air intake hole (6) an air intake inlet section (11) an air intake path (21) a breath discharge section (13) and an air release path (19). The air intake hole (6) is arranged in the vicinity of a tube (2) connected in order to deliver breath to an analysis device body and allows air to be taken into the interior of the handle section (1). The air intake inlet section (11) is a site by which the air taken in from the air intake hole (6) is delivered into the body. The air intake path (21) is arranged between the air intake inlet section (11) and the air intake hole (6). The breath discharge section (13) is a site by which breath being discharged from inside the body is taken in. The air release path (19) is arranged between the breath discharge section (13) and the tube (2).

No. of Pages: 37 No. of Claims: 10

(22) Date of filing of Application :03/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : WATERMARK INSERTION IN FREQUENCY DOMAIN FOR AUDIO ENCODING/DECODING/TRANSCODING

(32) Priority Date :04/12/2013 Add (33) Name of priority country :U.S.A. SUITE (86) International Application No :NA (72)Nat Filing Date :NA 1)QI	ame of Applicant: IXS SYSTEMS INC. ddress of Applicant:1210 SHEPPARD AVENUE EAST, E 800, TORONTO, ONTARIO M2K 1E3 CANADA ame of Inventor: I YANG AY FENG
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(57) Abstract:

An audio processing device includes an initial processing module to generate a stream of frequency coefficients based on input audio data, a watermarking module to embed a digital watermark into the stream of frequency coefficients to generate a modified stream of frequency coefficients, and a final processing module to process the modified stream of frequency coefficients to generate output audio data. In some implementations, the input audio data comprises unencoded audio data, the initial processing module comprises a frequency domain transform module to perform a time-to-frequency domain transform to generate the unencoded audio data, and the output audio data is encoded audio data. In other instances, the input audio data comprises encoded audio data, the initial processing module comprises an initial decoding module to partially decode the encoded audio data to generate the stream of frequency coefficients, and the output audio data is decoded audio data.

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

(21) Application No.2399/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: AIRCRAFT WITH FREEWHEELING ENGINE

(51) International :B64C15/00,B64C29/00,B64C27/08

classification

(31) Priority Document No :13/442544 (32) Priority Date :09/04/2012

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

(86) International Application :PCT/US2013/033985

Filing Date

:27/03/2013

(87) International Publication :WO 2014/007883

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

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)SMITH Frick A.

Address of Applicant: 12735 West Fm 1431 Kingsland TX

78639 U.S.A.

(72) Name of Inventor:

1)SMITH Frick A.

(57) Abstract:

An aircraft may have a fuselage a left wing extending from the fuselage a right wing extending from the fuselage a tail section extending from a rear portion of the fuselage and a first engine and a second engine operably connected by a common driveshaft wherein the first and second engines are configured for freewheeling such that if one of the first and second engines loses power the other of the first and second engines continues to power the aircraft.

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

(22) Date of filing of Application :06/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: "AN ARRANGEMENT OF BRIDGING THE GAP PROVIDED BETWEEN ENTRY SIDE TABLE AND EXIT SIDE SCRAP TABLE DURING THE UP CUT SHEARING OF WELD PART OF COIL IN COLD ROLLING MILLS AND A PROCESS FOR THE SAME."

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16B 5/00 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA STEEL LIMITED Address of Applicant: RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR- 831001, Jharkhand India (72)Name of Inventor: 1)MR. RAMAN KUMAR 2)MR. BALIGA ABHIJIT 3)MR. VISHAL BHARATI 4)MR. NIRUPAM MANDAL 5)MR. BRAJESH CHOWDHARY 6)MR. SURESH KUMAR
(62) Divisional to Application Number Filing Date	:NA :NA	6)MR. SURESH KUMAR 7)MR. D. BALAJI 8)MR. RAKESH KUMAR

(57) Abstract:

The present invention discloses an arrangement of bridging the gap provided between entry side table and exit side scrap table during the up cut shearing of weld part of coil in cold rolling mills and a process for the same. The arrangement comprises of a swing type attachment comprising of a curved plate, two threaded studs (8) welded on both end of a plate (11) and resting on the plate (7), two springs (9) accommodating the studs (8), two channels (12) welded on the lower part of the top frame (11) having holes (13) in each of the channels (12) at their lower part when two rods welded on plate are inserted into the holes (13) on welded channel and fixed by tightening two nuts and studs (8) forming a spring headed guiding attachment.

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

(21) Application No.2416/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: JAW CRUSHER SUPPORT FRAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:B02C1/02 :12166954.3 :07/05/2012 :EPO :PCT/EP2013/058830 :29/04/2013 :WO 2013/167402	(71)Name of Applicant: 1)SANDVIK INTELLECTUAL PROPERTY AB Address of Applicant: S 811 81 Sandviken Sweden (72)Name of Inventor: 1)LINDBERG Mårten 2)LJUNGGREN Karin 3)SJÖBECK Roger
6		l '
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A jaw crusher movable jaw support frame (118) to mount a linkage assembly for suspending a movable jaw (105) in floating relationship within a jaw crusher relative to a stationary jaw (104). The support frame comprises reinforcement regions (126,127) extending along a main force transmission wall (125) to absorb and transmit loading forces imparted to the support frame from the movable jaw.

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

(21) Application No.2417/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014 (43) Publication Date: 13/11/2015

(54) Title of the invention: HYDRATE OF CYCLOPEPTIDE COMPOUND AS WELL AS PREPARATION METHOD AND USE **THEREOF**

(51) International :C07K7/56,A61K38/12,A61P31/10 classification

(31) Priority Document No :201210090377.1 (32) Priority Date :30/03/2012

(33) Name of priority country :China

(86) International Application :PCT/CN2013/073516 No

Filing Date

:29/03/2013

(87) International Publication

:WO 2013/143501

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

:NA Number

Filing Date (62) Divisional to Application

:NA Filing Date

(71)Name of Applicant:

1) SHANGHAI TECHWELL BIOPHARMACEUTICAL

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Address of Applicant :No. 4258 Jindu Road Minhang District

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(72) Name of Inventor:

1)LIU Shidong

2)ZHANG Zhaoli 3)WANG Xiusheng

4)ZHANG Xiao 5)TANG Zhijun

6)JI Xiaoming

(57) Abstract:

Disclosed is a hydrate of a compound as shown in Formula I. In Formula I R represents H or a cation capable of forming a pharmaceutically acceptable salt. The mass percentage of water in the hydrate is more than 8%. The hydrate has good stability. Moreover disclosed are a preparation method and a use thereof.

No. of Pages: 47 No. of Claims: 13

(21) Application No.2418/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : B BORATION OF ALKENE AND ALKYNE INTERMEDIATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07F5/04 :PCT/EP2012/001562 :06/04/2012 :EPO :PCT/EP2013/057159 :05/04/2013 :WO 2013/150125 :NA :NA :NA	Address of Applicant :Verovskova 57 1526 Ljubljana Slovenia (72)Name of Inventor :
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(57) Abstract:

The present invention relates to the field of organic chemistry and in particular to the preparation of β borated compounds. These β borated compounds can be used as intermediates in the synthesis pharmaceutically active agents such as sitagliptin.

No. of Pages: 57 No. of Claims: 13

(21) Application No.2419/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: WATER CONDUCTING DOMESTIC APPLIANCE WITH A MIST GENERATING DEVICE

:D06F39/00,D06F19/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH :10 2012 207 978.5 (32) Priority Date Address of Applicant : Carl Wery Str. 34 81739 München :14/05/2012 (33) Name of priority country :Germany Germany (86) International Application No (72)Name of Inventor: :PCT/EP2013/059577 Filing Date :08/05/2013 1)EGLMEIER Hans (87) International Publication No :WO 2013/171109 2)SCHAUB Hartmut (61) Patent of Addition to Application 3)SCHULZE Ingo :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a water conducting domestic appliance (1) which in particular can be used as a laundry treatment device (1) for treating laundry and which comprises a mist generating device (2). The mist generating device (2) has a liquid container (20) and an ultrasound generator (32). The ultrasound generator (32) is used for nebulising an aqueous liquid (25) held in the liquid container (20). The liquid container (20) as seen in an operating state proceeding from a determined filling level (26) as far as which the aqueous liquid (25) can regularly be at least approximately filled during operation is provided in a downstream direction (22) with a tapering internal cross section (28) which is directed perpendicularly to the downstream direction (22). The volume of an internal chamber (24) of the liquid container (20) can thus be optimised.

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

(21) Application No.2390/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: LOW DELAY PICTURE CODING

(51) International classification	:H04N7/26	(71)Name of Applicant:
(31) Priority Document No	:61/624098	1)FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG
(32) Priority Date	:13/04/2012	DER ANGEWANDTEN FORSCHUNG E.V.
(33) Name of priority country	:U.S.A.	Address of Applicant :Hansastraße 27c 80686 München
(86) International Application No	:PCT/EP2013/057798	Germany
Filing Date	:15/04/2013	(72)Name of Inventor:
(87) International Publication No	:WO 2013/153226	1)SCHIERL Thomas
(61) Patent of Addition to Application	:NA	2)GEORGE Valeri
Number		3)HENKEL Anastasia
Filing Date	:NA	4)MARPE Detlev
(62) Divisional to Application Number	:NA	5)GRÜNEBERG Karsten
Filing Date	:NA	6)SKUPIN Robert

(57) Abstract:

Parallel processing concepts such as wavefront parallel processing are realized with a reduced end to end delay by giving up the usual slice concept according to which slices are either coded/decoded completely independent from areas of the picture outside of the respective slice or at least independent from areas outside the respective slice as far as the entropy coding is concerned namely in favor of slices of different modes namely ones called dependent slices which allow for interdependencies across slice boundaries and others which do not called normal slices for example. Combined with the aspect or not WPP processing concept is made more efficiently by using the slices start syntax portions to locate WPP entry points.

No. of Pages: 84 No. of Claims: 26

(22) Date of filing of Application :28/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SYSTEMS AND METHODS FOR SCALABLE STRUCTURED DATA DISTRIBUTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L29/06 :61/623877 :13/04/2012 :U.S.A. :PCT/US2013/036652 :15/04/2013 :WO 2013/155532 :NA :NA :NA	(71)Name of Applicant: 1)GOLDMAN SACHS & CO. Address of Applicant: 200 West Street New York New York 10282 U.S.A. (72)Name of Inventor: 1)VOSS Matthew 2)MAVURAM Vishnu 3)COHEN Scott
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(57) Abstract:

Systems and methods for efficiently absorbing archiving and distributing any size data sets are provided. Some embodiments provide flexible policy based distribution of high volume data through real time streaming as well as past data replay. In addition some embodiments provide for a foundation of solid and unambiguous consistency across any vendor system through advanced version features. This consistency is particularly valuable to the financial industry but also extremely useful to any company that manages multiple data distribution points for improved and reliable data availability.

No. of Pages: 44 No. of Claims: 27

(22) Date of filing of Application :29/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD FOR CHARGING STARTING MATERIAL INTO BLAST FURNACE

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (87) International Publication No (68) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (90) International Publication No (91) Patent of Addition to Application (92) INA (93) Name of Inventor: (92) Name of Inventor: (92) INA (93) Name of Inventor: (92) INA (93) INA (94) INA (94) INA (95) INA (96) International Publication No (96) International Publication No (97) Name of Inventor: (98) International Publication Shiro (98) International Application No (99) International Application No (90) International Application No (91) International Application No (92) International Application No (93) International Application No (94) International Application No (95) International Application No (96) International Application No (97) International Application No (98) International Application No (98) International Application N	 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/JP2013/003171 :17/05/2013 :WO 2013/172045 :NA :NA :NA	(72)Name of Inventor: 1)WATAKABE Shiro 2)ISHII Jun 3)HIROSAWA Toshiyuki
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(57) Abstract:

In this blast furnace operation method that using a rotating chute charges into a blast furnace a blast furnace charging starting material of coke and an ore staring material such as pellet or clod shaped ore when charging the blast furnace charging starting material into the blast furnace a central coke layer is formed at the axial center section of the blast furnace a mixed layer of ore starting material and coke is formed at the outside of the central coke layer and at such a time the mixing ratio of coke in the blast furnace radial direction towards the furnace wall from the axial center of the blast furnace is caused to vary continuously or discretely thereby securing air permeability even when performing a high volume blow in operation of pulverized coal and achieving an increase in thermal efficiency and a stabilization of blast furnace operation.

No. of Pages: 33 No. of Claims: 2

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR HYBRID AUTOMATIC REPEAT REQUEST SIGNALING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L1/16,H04L1/18 :61/645397 :10/05/2012 :U.S.A. :PCT/SE2013/000066 :08/05/2013 :WO 2013/169166 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (publ) Address of Applicant:S 164 83 Stockholm Sweden (72)Name of Inventor: 1)LARSSON Daniel 2)CHENG Jung Fu 3)ERIKSSON Erik 4)FRENNE Mattias
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(57) Abstract:

In one aspect the teachings herein provide a method and apparatus for extending certain HARQ feedback procedures introduced in LTE Rel-10 which were defined for CA configurations involving TDD serving cells of the same UL/DL configuration to the new more complex CA configurations introduced in Rel-11 which involve the aggregation of interband TDD serving cells with differing UL/DL configurations. Such reuse enables reliant and efficient HARQ feedback signaling in LTE Rel-11 without substantially increasing the specification or implementation complexity of HARQ feedback signaling in LTE Rel-11 despite the decidedly more complex CA configurations introduced in LTE Rel-11.

No. of Pages: 42 No. of Claims: 14

(22) Date of filing of Application :01/11/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : THERMOFORMED TAMPER RESISTANT PHARMACEUTICAL DOSAGE FORM CONTAINING ZINC

(51) International classification	,	(71)Name of Applicant:
(31) Priority Document No	:12003743.7	1)GRÜNENTHAL GMBH
(32) Priority Date	:11/05/2012	Address of Applicant :Zieglerstraße 6 52078 Aachen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2013/059728	1)BARNSCHEID Lutz
Filing Date	:10/05/2013	2)GALIA Eric
(87) International Publication No	:WO 2013/167735	3)GEISSLER Anja
(61) Patent of Addition to Application	:NA	4)PÄTZ Jana
Number		5)SCHWIER Sebastian
Filing Date	:NA	6)BARONSKY PROBST Julia
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a thermoformed tamper resistant pharmaceutical dosage form comprising a) a pharmacologically active ingredient; b) a polyalkylene oxide having a weight average molecular weight of more than 200 000 g/mol; and c) a zinc component wherein the content of said zinc component is at least 1 ppm relative to the total weight of the pharmaceutical dosage form.

No. of Pages: 61 No. of Claims: 15

(19) INDIA

(22) Date of filing of Application :01/11/2014

(21) Application No.2453/KOLNP/2014 A

(43) Publication Date: 13/11/2015

(54) Title of the invention: SELF FIXING STATOR HOUSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:02/05/2013 :WO 2013/163995 :NA :NA :NA	(71)Name of Applicant: 1)NETZSCH PUMPEN UND SYSTEME GMBH Address of Applicant: Gebrüder Netzsch Straße 19 95100 Selb Germany (72)Name of Inventor: 1)BINDIG Christian 2)GÖTZ Frank
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Stator casing (8) of an eccentric screw pump (4) having an elastomeric stator inner part (9) containing a plurality of shell like casing segments (6) and production method for a stator casing of this kind with which the expenditure on servicing work can be reduced. To this end according to the invention casing segments (6) which are adjacent in the longitudinal direction of the stator casing (8) are arranged around the longitudinal axis of the stator casing (8) such that they are offset in relation to one another wherein each casing segment (6) has connecting means (18) and at least four casing segments (6) are in engagement with one another and form a composite. In order to produce the stator casing (8) an axial force component is applied to the casing segments (6) by clamping wherein the casing segments (6) engage with one another as a result of which a radial force component is generated and the composite is formed.

No. of Pages: 23 No. of Claims: 14

(21) Application No.2454/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :01/11/2014

(43) Publication Date: 13/11/2015

(54) Title of the invention : APPARATUS AND METHOD FOR COMPARING TWO FILES CONTAINING GRAPHICS ELEMENTS AND TEXT ELEMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:02/05/2013 :WO 2013/163978 :NA :NA	(71)Name of Applicant: 1)EYEC GMBH Address of Applicant:Burchardstr. 21 20095 Hamburg Germany (72)Name of Inventor: 1)KAUPP Ansgar 2)LÜTJENS Dirk 3)SPRINGMANN Sören
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

To avoid occlusion of subordinate errors so that the precise error is no longer identifiable an apparatus for comparing two files containing graphics elements and text elements is proposed that contains a memory for the two files means for splitting the two files into graphics elements and text elements means for text recognition raster graphics means for producing a rastered image from the graphics elements means for comparing the extracted texts and means for comparing the rastered images and also means for preferably jointly outputting the two comparison results.

No. of Pages: 25 No. of Claims: 12

(22) Date of filing of Application :21/06/1999 (43) Publication Date : 13/11/2015

(54) Title of the invention: EVAPORATIVE CONDENSING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:F28D3/00 :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)LIU FU-CHIN Address of Applicant: 9 F1, NO. 12, SEC. 2, JEN AI ROAD, TAIPEI China (72)Name of Inventor: 1)PENG-CHU CHIU 2)TSUI-LING HSUEH 3)CHIH-HSIEN HUANG
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An evaporative condensing apparatus used in an aIr conditioner to reduce the power consumption of the air conditioner and improves its EER value. The evaporative condensing 5 apparatus is based on the rule that the condensing temperature is directly proportional to the condensing pressure during the exchange of a cooling agent between liquid state and gas state. The evaporative condensing apparatus includes an evaporative condensing unit for condensing a gas state cooling agent into a 10 liquid state, the evaporative condensing unit having a plurality of condenser coils and absorptive means covered on the condenser coils, a low compression ratio compressor controlled to pump a gas state cooling agent into the evaporative condensing unit, a water supply system having a control PC board and an electromagnetic 15 valve controlled by the control PC board to let cooling water be delivered from a water source to the layer of absorptive material of each condenser coil, and a condenser fan controlled to draw currents of air through gaps in the condenser coils of the evaporative condensing unit in carrying heat away from the 20 evaporative condensing unit.

No. of Pages: 20 No. of Claims: 7

(22) Date of filing of Application :27/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ANTENNA FOR A SUBMARINE

(86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA	(31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date :NA :NA :NA :NA	Address of Applicant :VIA A. DE GASPERI, 7 40012 11/2013 CALDERARA DI RENO (BOLOGNA) ITALY (72)Name of Inventor : 1)LUCCI MARCO	
Filing Date :NA			

(57) Abstract:

An antenna for submarines comprises a base member (2) extending along a main direction of extension (B) between its bottom end (2a), which is fixable to a structure of a submarine (100), and its top end (2b), at least one movable stem (3), juxtaposed with the base member (2) and extending along the main direction of extension (B) between its bottom end (3a) and its top end (3b), electrical connection means (6) between the stem (3) and the base member (2) and movement means (5) by which the stem (3) is moved relative to the base member (2) along the main direction of extension (B) between a lowered position and a raised position. The connection means (6) comprise a wire-shaped element (7) extending between two end portions (7a, 7b) connected to the stem (3) and to the base member (2), respectively, where at least the end portion (7a) connected to the stem (3) is equipped with an underwater connector (9).

No. of Pages: 14 No. of Claims: 11

(21) Application No.527/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :09/05/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: TEMPORAL TRACKING OF CACHE DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No. 	:G06F 12/00 :NA :NA :NA	(71)Name of Applicant: 1)LSI CORPORATION Address of Applicant:1320 RIDDER PARK DRIVE, SAN JOSE, CALIFORNIA 95131, UNITED STATES OF AMERICA. (72)Name of Inventor:
(86) International Application No Filing Date	:NA	1)VINAY SHIVASHANKARAIAH 2)KUMARAVEL THILLAI
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A data storage system with a cache organizes cache windows into lists based on the number of cache lines accessed during input/output operations. The lists are maintained in temporal queues with cache windows transferred from prior temporal queues to a current temporal queue. Cache windows are removed from the oldest temporal queue and least accessed cache window list whenever cached data needs to be removed for new hot data.

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

(21) Application No.2444/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: ELECTRIC MOTOR WITH ONBOARD INVERTER

(51) International classification(31) Priority Document No(32) Priority Date	:H02P29/00,H02J7/00,H02K11/00 :VR2012A000155 :24/07/2012	(71)Name of Applicant: 1)MOTIVE S.R.L. Address of Applicant: Via Le Ghiselle 20 I 25014 Castenedolo
(33) Name of priority country	:Italy	Italy
(86) International Application No Filing Date	:PCT/IB2013/056031 :23/07/2013	(72)Name of Inventor: 1)CORSINI Giuseppe 2)BOSIO Giorgio
(87) International Publication No	:WO 2014/016767	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electric motor (1) with onboard inverter comprising a motor body (2) which is associated with at least one output shaft (3) and supports an inverter (4) for adjusting the speed of the output shaft (3); the electric motor (1) comprises remote control means of the wireless type (5) for the inverter (4).

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

(21) Application No.2447/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR PROVIDING QUALITY OF SERVICE FUNCTIONALITY|SUPPORTING A PLURALITY OF DIFFERENT DATA STREAMS IN A SINGLE IMS SESSION FOR|MACHINE TO MACHINE MTM DEVICE COMMUNICATIONS

(51) International :H04L29/06,H04W12/02,H04W76/02

(31) Priority Document No :61/621645 (32) Priority Date :09/04/2012

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

(86) International

Application No :PCT/IB2013/052829

Filing Date :09/04/2013

(87) International

Publication No :WO 2013/153514

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

Application Number
Filing Date
:NA
:NA

(71)Name of Applicant:

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :S 164 83 Stockholm Sweden

(72)Name of Inventor : 1)FOTI George

(57) Abstract:

Quality of Service functionality is provided for Machine to machine device communications that allows a single IMS session to support a plurality of different data streams. In one embodiment a single IMS session is used to support a plurality of different data streams that arise from a single application type while in another embodiment a single IMS session is used to support a plurality of different data streams across a plurality of different devices and applications. Through the use of a single IMS session signaling is reduced and QoS can be offered without impacting a large number of nodes. An IMS User Agent is deployed to aid in providing this functionality.

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

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

(43) Publication Date: 13/11/2015

(54) Title of the invention: METHOD AND APPARATUS FOR QUASI CO LOCATION IDENTIFICATION OF REFERENCE SYMBOL PORTS FOR COORDINATED MULTI POINT COMMUNICATION SYSTEMS

(57) Abstract:

Methods and apparatuses indicate and identify quasi co located reference signal ports. A method of identifying by a UE includes identifying from downlink control information a CSI RS port that is quasi co located with a DM RS port assigned to the UE. The method includes identifying large scale properties for the assigned DM RS port based on large scale properties for the CSI RS port. The method includes performing channel estimation and/or time/frequency synchronization using the identified large scale properties for the DM RS port. Another method for identifying by a UE includes identifying from downlink control information a CRS port that is quasi co located with a CSI RS port configured for the UE. The method includes identifying large scale properties for the configured CSI RS port based on large scale properties for the CRS port. The method includes performing channel estimation and/or time/frequency synchronization using the identified large scale properties for the CSI RS port.

No. of Pages: 54 No. of Claims: 30

(21) Application No.2424/KOLNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/10/2014 (43) Publication Date : 13/11/2015

(54) Title of the invention: SIDE GUIDE FOR A ROLLING TRAIN

(51) International classification (31) Priority Document No	:12168684.4	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date(33) Name of priority country	:21/05/2012 :EPO	Address of Applicant :Wittelsbacherplatz 2 80333 München Germany
(86) International Application No	:PCT/EP2013/058494	(72)Name of Inventor:
Filing Date	:24/04/2013	1)GRÜSS Ansgar
(87) International Publication No	:WO 2013/174602	2)KURZ Matthias
(61) Patent of Addition to Application Number	:NA	3)SCHMIDT Birger
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a side guide (4,5,6,7) for a rolling train (1). The side guide (4,5,6,7) comprises a band element (4.1,5.1,6.1,7.1) and a transverse force device (9) attached to the band element (4.1,5.1,6.1,7.1). The band element (4.1,5.1,6.1,7.1) is designed for the at least partial lateral delimitation of a transporting path of the rolling train (1) along a longitudinal axis of the band element (4.1,5.1,6.1,7.1). The transverse force device (9) has a force generating unit (9.1) for generating a transverse force orthogonal to the longitudinal axis of the band element (4.1,5.1,6.1,7.1) and a force transmitting unit (9.2) coupled to the force generating unit (9.1) for transmitting the transverse force to a rolled product (8) led through the rolling train (1).

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

APPLICATION FOR RESTORATION OF PATENT NO. 233859 U/R.84(KOLKATA).

The application for restoration of ceased Patent No. 233859(999/KOLNP/2003) was published in the Journal No.15/11 dated the 15^{th} April, 2011 remain ceased w.e.f. 23^{rd} July, 2009 owing to non-payment of Renewal Fees.

AMENDMENT UNDER SEC. 57 (KOLKATA)

An application for change in the name of the Patentee from OWENS-CORNING FIBERGLAS TECHNOLOGY II, LLC to OCV INTELLECTUAL CAPITAL, LLC in respect of Patent No. 189973 (974/CAL/1996) 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 U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (KOLKATA)

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl. No.	Application No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriat e Office
1.	304/KOL/20 08	260165	SHAIKH FAJAL ALI	AN IMPROVED ROTARY DRIVE GEAR SYSTEM HAVING NO REAR FREE WHEEL FOR A BICYCLE	17/07/2015	Kolkata

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any "person interested" in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	269792	1341/DELNP/2011	18/09/2009	19/09/2008	"CHAR METHANATION CATALYST AND ITS USE IN GASIFICATION PROCESSES†•	GREATPOINT ENERGY INC.	13/09/2013	DELHI
2	269793	3204/DELNP/2007	27/09/2005	27/09/2004	"DEVICE FOR A PRECHAMBER UNIT OF A GAS ENGINE"	ROLLS-ROYCE MARINE AS, ENGINES - BERGEN	31/08/2007	DELHI
3	269798	6999/DELNP/2007	01/01/1900	16/12/2002	"A TABLE FOR THE TREATMENT OF DYSURIA"	KISSEI PHARMACEUTICAL CO.,LTD	28/09/2007	DELHI
4	269809	1562/DELNP/2005	20/10/2003	18/10/2002	DRILL HEAD STEERING	CMTE DEVELOPMENT LIMITED	30/10/2009	DELHI
5	269813	2391/DEL/2008	20/10/2008 12:19:48		METAL PASSIVATOR ADDITIVE	INDIAN OIL CORPORATION LTD	30/04/2010	DELHI
6	269816	4763/DELNP/2006	28/12/2004	20/01/2004	COMPSITION FOR THE INHIBITION OR TREATMENT OF INFLAMMATORY BOWEL DISEASES OR OTHER INFLAMMATORY DISEASE	THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA.,	31/08/2007	DELHI
7	269818	7219/DELNP/2006	09/06/2005	14/06/2004	"FRICTION DEVICE FOR A CLUTCH, IN PARTICULAR FOR A MOTOR VEHICLE"	VALEO MATERIAUX DE FRICTION	24/08/2007	DELHI
8	269821	5979/DELNP/2006	12/05/2005	14/05/2004	A DELAYED COKING PROCESS"	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	24/08/2007	DELHI
9	269830	9959/DELNP/2007	03/07/2006	04/07/2005	"A METHOD FOR ANALYSING THE FREQUENCY OF INTERACTION OF A TARGET NUCLEOTIDE SEQUENCE."	ERASMUS UNIVERSITY MEDICAL CENTRE	20/06/2008	DELHI
10	269842	1821/DEL/2005	14/07/2005	06/08/2004	SYSTEM AND METHOD FOR GENERATING SELECTABLE EXTENSION TO MEDIA TRANSPORT PROTOCOL	MICROSOFT TECHNOLOGY LICENSING, LLC	24/08/2007	DELHI

Publication Under Section 43(2) in Respect of the Grant

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Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	269805	2664/MUMNP/2010	11/09/2009	12/09/2008	ETHYLENE COPOLYMER AND A METHOD OF PREPARING THE SAME	SABIC SK NEXLENE COMPANY PTE. LTD.	18/03/2011	MUMBAI
2	269806	1369/MUMNP/2007	06/01/2006	07/03/2005	A METHOD OF SECURE DATA COMMUNICATION	TRICERION LTD	02/11/2007	MUMBAI
3	269810	798/MUMNP/2007	10/11/2005	19/11/2004	METHOD AND SYSTEM FOR VERIFYING CHECK IMAGES	VECTORSGI INC.	03/08/2007	MUMBAI
4	269811	2591/MUM/2007	27/12/2007 16:16:33		QUAD BREAK MECHANISM FOR SWITCHING DEVICE	LARSEN & TOUBRO LIMITED	03/07/2009	MUMBAI
5	269812	1480/MUMNP/2007	22/03/2006	04/04/2005	A METHOD AND APPARATUS FOR DISTRIBUTING LOAD ON APPLICATION SERVERS	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	16/11/2007	MUMBAI
6	269814	2179/MUMNP/2009	31/05/2008	31/05/2007	MEMORY DEVICE WITH DELAY TRACKING FOR IMPROVED TIMING MARGIN	QUALCOMM INCORPORATED	18/06/2010	MUMBAI
7	269817	1991/MUMNP/2008	02/03/2007	03/03/2006	APPARATUS AND METHOD FOR STANDBY TIME IMPROVEMENTS FOR STATIONS IN A WIRELESS NETWORK	QUALCOMM INCORPORATED	31/10/2008	MUMBAI
8	269824	1899/MUMNP/2008	07/03/2007	10/03/2006	EFFICIENT EXECUTION OF MEMORY BARRIER BUS COMMANDS WITH ORDERED CONSTRAINED MEMORY ACCESSES	QUALCOMM INCORPORATED	19/12/2008	MUMBAI
9	269826	1452/MUMNP/2011	08/01/2010	08/01/2009	MODIFIED SODIUM- MONTMORILLONITE, PREPARATION METHOD AND USES THEREOF	HAILISHENG PHARMACEUTICAL CO. LTD	10/02/2012	MUMBAI
10	269827	408/MUM/2005	01/04/2005		DRUM WITH CONSTRUCTIVE IMPROVEMENTS SUITABLE, IN PARTICULAR FOR TREATING LEATHERS, FABRICS OR SIMILAR, USING HIGH AGGRESSIVE CHEMICALS	ITALPROGETTI ENGINEERING S.P.A.	15/06/2007	MUMBAI

11	269836	2297/MUMNP/2009	23/05/2008	24/05/2007	HYDROCARBONS AND	SAUDI BASIC INDUSTRIES CORPORATION	04/06/2010	MUMBAI
12	269856	519/MUM/2009	09/03/2009 16:28:49		A METHOD FOR THE PREPARATION OF SOLIFENACIN	MEGAFINE PHARMA (PVT) LTD	19/11/2010	MUMBAI
13	269858	1729/MUM/2010	07/06/2010 14:35:48		INSECTICIDAL	CHETAN BALAR,ANIL NAKUM	06/08/2010	MUMBAI

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.

Seria 1 Num ber	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	269786	429/CHE/2009	26/02/2009 16:52:58	14/03/2008	AIR CLEANER STRUCTURE OF MOTORCYCLE	HONDA MOTOR CO.,LTD.	18/09/2009	CHENNAI
2	269787	789/CHE/2010	24/03/2010 15:10:21	27/03/2009	RESIN-COATED GALVANIZED STEEL SHEET	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	15/10/2010	CHENNAI
3	269788	2430/CHENP/2 007	06/12/2005	06/12/2004	A STAINING COMPOSITION FOR STAINING AN OPHTHALMIC MEMBRANE	NATIONAL UNIVERSITY CORPORATION KYUSHU UNIVERSITY	07/09/2007	CHENNAI
4	269789	3204/CHENP/2 008	22/11/2006	23/11/2005	VARIABLE ENERGY MANAGEMENT SYSTEM FOR PEDESTRIAN, OCCUPANT, VEHICLE	NETSHAPE ENERGY MANAGEMENT LLC	06/03/2009	CHENNAI
5	269790	2978/CHENP/2 008	13/12/2006	14/12/2005	MOUNTING MAT FOR A POLLUTION CONTROL DEVICE	3M INNOVATIVE PROPERTIES COMPANY	06/03/2009	CHENNAI
6	269791	1417/CHE/2006	08/08/2006	10/08/2005	"PROCESS FOR THE INTEGRATED PRODUCTION OF UREA AND MELAMINE"	UREA CASALE S.A.	07/12/2007	CHENNAI
7	269794	2008/CHE/2009	24/08/2009 15:58:35	29/08/2008	"MOTORCYCLE"	HONDA MOTOR CO.,LTD.	05/03/2010	CHENNAI
8	269795	1878/CHENP/2 009	02/10/2007	07/10/2006	METHOD FOR OPERATING A CONVERTER	SMS Group GmbH	26/06/2009	CHENNAI
9	269796	3370/CHENP/2 007	01/02/2006	02/02/2005	GLASSES	Stichting Right on Sight	16/11/2007	CHENNAI
10	269797	4356/CHENP/2 008	12/01/2007	24/02/2006	FUEL-INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE	Robert Bosch GmbH	13/03/2009	CHENNAI
11	269799	2333/CHENP/2 008	16/12/2006	12/01/2006	"TRANSDERMAL THERAPEUTIC SYSTEM FOR VOLATILE AND/OR THERMOLABILE SUBSTANCES"	LTS Lohmann Therapic- Systeme AG	06/03/2009	CHENNAI
12	269800	1400/CHENP/2 008	22/08/2006	25/08/2005	PROCESS FOR PRODUCING PROPYLENE OXIDE	SUMITOMO CHEMICAL COMPANY LIMITED	28/11/2008	CHENNAI
13	269801	1050/CHENP/2 010	29/08/2008	30/08/2007	LIGHT EMITTING DEVICE	NICHIA CORPORATION	27/08/2010	CHENNAI

14	269802	2009/CHE/2009	24/08/2009 15:58:35	29/08/2008	"SYNCHRONIZING BRAKE DEVICE FOR VEHICLE"	HONDA MOTOR CO.,LTD.	26/03/2010	CHENNAI
15	269803	2243/CHENP/2 009	19/10/2007	26/10/2006	PROCESS FOR PRODUCTION OF 2, 6- DIMETHYL-1- NAPHTHALDEHYDE	MITSUBISHI GAS CHEMICAL COMPANY, INC.	02/04/2010	CHENNAI
16	269804	2595/CHENP/2 008	25/10/2006	26/10/2005	PROCESS FOR THE PREPARATION OF A SHAPED BULK CATALYST	ALBEMARLE NETHERLANDS B.V	06/03/2009	CHENNAI
17	269807	1899/CHE/2006	13/10/2006		A NOVEL COMPOSITION COMPRISING OF NANO ZIRCONIA AND NANO SILICA POWDER AND A PROCESS FOR MAKING THE SAME	M. VISVESVARYA INSTITUTE OF TECHNOLOGY	02/11/2007	CHENNAI
18	269808	1586/CHENP/2 009	21/09/2007	21/09/2006	UREA GREASE COMPOSITION	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	26/03/2010	CHENNAI
19	269815	1789/CHE/2005	06/12/2005		METHOD OF USING PANA FOR NETWORK AND APPLICATION ACCESS AUTHENTICATION IN INTERWORKING WIRELESS LOCAL AREA NETWORK GENERIC BOOTSTRAPPING ARCHITECTURE AND 3GPP SYSTEM ARCHITECTURE EVOLUTION	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	14/09/2007	CHENNAI
20	269822	5562/CHENP/2 009	19/02/2008	21/02/2007	METHODS AND SYSTEMS FOR USING A LOCATION ROUTING NUMBER BASED QUERY AND RESPONSE MECHANISM TO ROUTE CALLS TO IP MULTIMEDIA SUBSYSTEM (IMS) SUBSCRIBERS	TEKELEC, GLOBAL INC.	25/06/2010	CHENNAI
21	269843	4699/CHENP/2 007	20/03/2006	21/03/2005	DOUBLE-SEAL GASKET FOR REFRIGERATOR CABINETS WITH HIGH HEAT INSULATION PROPERTIES	INDUSTRIE ILPEA S.P.A.	11/01/2008	CHENNAI
22	269844	1605/CHE/2006	05/09/2006 14:37:59		A PROCESS FOR PREPARATION OF A METASTABLE MAGNESIUM CITRATE MALATE COMPLEX	GLOBAL CALCIUM PVT. LTD	28/11/2008	CHENNAI

23	269845	4709/CHENP/2 008	02/03/2007	07/07/2006	COMPOSITION COMPRISING BRANCHED CARBOXYLIC ACID DIESTERS AND PREPARATION PROCESSES THEREOF	RHODIA OPERATIONS	13/03/2009	CHENNAI
24	269846	1291/CHENP/2 007	28/09/2005	01/10/2004	LIGHT EMITTING DEVICE	NICHIA CORPORATION	31/08/2007	CHENNAI
25	269847	2332/CHE/2009	24/09/2009 16:19:04	30/09/2008	ELECTRIC MOTORCYCLE	HONDA MOTOR CO., LTD.	09/04/2010	CHENNAI
26	269848	372/CHENP/20 08	10/07/2006	22/07/2005	DEVICE FOR PROCESSING ELECTRONIC PROGRAM GUIDE DATA TO BE DISPLAYED BY AN ELECTRONIC EQUIPMENT WITHIN PAGES ASSOCIATED TO TIME REFERENCES	KONINKLIJKE PHILIPS ELECTRONICS N.V.	19/09/2008	CHENNAI
27	269849	1330/CHE/2005	20/09/2005		TRANSCUTANEOUS THERMOELECTROPORI C OMNIMOLICULAR DRUG DELIVERY SYSTEM	DR. RAJAH VIJAY KUMAR	27/07/2007	CHENNAI
28	269850	388/CHENP/20 07	28/06/2004	28/06/2004	SYSTEM AND METHOD FOR SUPPRESSING REDUNDANT ALARMS	ABB RESEARCH LTD	24/08/2007	CHENNAI
29	269851	1670/CHE/2007	31/07/2007 14:57:57		SINGLE TOUCH RECORD KEY FOR PATIENT MONITORING SYSTEM	SKANRAY HEALTHCARE PRIVATE LIMITED	16/10/2009	CHENNAI
30	269852	3588/CHENP/2 008	10/01/2007	13/01/2006	APPARATUS FOR SENSING PARAMETERS	INTELLITECT WATER LIMITED	13/03/2009	CHENNAI
31	269853	5574/CHENP/2 007	04/05/2006	05/05/2005	AUTOMATED CALORIMETER	LECO CORPORATION	28/03/2008	CHENNAI
32	269854	4494/CHENP/2 008	25/01/2007	26/01/2006	A CUTTER HUB AND BLADE ASSEMBLY FOR A FACE-CUT PELLETIZER	GALA INDUSTRIES, INC.	13/03/2009	CHENNAI
33	269857	4690/CHENP/2 007	03/04/2006	22/04/2005	MECHANISM GENERATION AT LEAST ONE SOUND	GLASHUTTER UHRENBETRIEB GMBH	28/03/2008	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any "person interested" in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Seri al Nu mbe r	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	269819	517/KOL/2006	31/05/2006		AN ONLINE CLEANING DEVICE FOR PREVENTING ROLL DENT DEFECT IN COLD ROLLED STRIP	TATA STEEL LIMITED	19/06/2009	KOLKATA
2	269820	1761/KOL/2008	17/10/2008	06/11/2007	A COMPACT MULTIPLE SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
3	269823	1741/KOL/2008	15/10/2008	09/11/2007	A MULTISPEED TRANSMISSION HAVING TEN OR MORE SPEEDS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
4	269825	835/KOL/2008	07/05/2008	01/06/2007	A MARINE ENGINE CONTROL SYSTEM AND A METHOD OF DETERMINING FUNCTIONALITY OF WATER-COOLED CATALYTIC CONVERTER	GM GLOBAL TECHNOLOGY OPERATIONS INC.	24/04/2009	KOLKATA
5	269828	2101/KOLNP/2 009	31/07/2007	08/12/2006	METHOD AND APPARATUS FOR MANAGING VERSIONS OF VRIOUS APPLICATION INFORMATION MESSAGES AND USING THE APPLICATION INFORMATION MESSAGES	LG ELECTRONICS INC.	26/06/2009	KOLKATA
6	269829	160/KOL/2007	05/02/2007 15:45:48	11/08/2006	MULTIMEDIA PLAYBACK CONTROL APPARATUS AND METHOD	SAMSUNG ELECTRONICS CO., LTD.	29/02/2008	KOLKATA
7	269831	2422/KOLNP/2 008	27/12/2006	29/12/2005	METHOD FOR RECOVERING RARE METALS IN A ZINC LEACHING PROCESS	OUTOTEC OYJ	30/01/2009	KOLKATA
8	269832	2011/KOLNP/2 007	02/12/2005	09/12/2004	PROCESS FOR MELT DIP COATING A STRIP OF HIGHER TENSILE STEEL WITH MULTIPLE ALLOY CONSTITUENTS	THYSSENKRUPP STEEL AG	10/08/2007	KOLKATA

9	269833	355/KOL/2008	27/02/2008	30/03/2007	8-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/10/2008	KOLKATA
10	269834	410/KOL/2008	03/03/2008	20/04/2007	8-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
11	269835	894/KOL/2006	05/09/2006		A DEVICE AND PROCESS FOR MANUFACTURING PRODUCTS OF GALVANNEALED ENHANCED HEAT TRANSFER SURFACE(S) ADAPTABLE TO HEAT EXCHANGER EQUIPMENTS	TATA STEEL LIMITED	19/06/2009	KOLKATA
12	269837	1854/KOL/2008	31/10/2008	01/11/2007	A METHOD FOR CONTROLLING AN ELECTRO-MECHANICAL TRANSMISSION MECHANICALLY COUPLED TO FIRST AND SECOND ELECTRIC MACHINES TO TRANSMIT POWER TO AN OUTPUT MEMBER BY DETERMINING MOTOR TORQUE CONSTRAINTS AND BATTERY POWER CONSTRAINTS	GM GLOBAL TECHNOLGY OPERATIONS LLC,,DAIMLER AG,CHRYSLER LLC,BAYERISCHE MOTOREN WERKE AKTIENGESELSCHAFT	05/06/2009	KOLKATA
13	269838	1285/KOL/2008	29/07/2008	16/08/2007	8-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	01/05/2009	KOLKATA
14	269839	1176/KOLNP/200 7	25/10/2005	03/11/2004	A DEVICE FOR FEEDING AN INFUSION PRODUCT TO A PACKAGING MACHINE	IMA FLAVOUR S.R.L.	20/07/2007	KOLKATA
15	269840	3516/KOLNP/200 8	08/03/2007	17/03/2006	A SCROLLING USER INTERFACE AND A METHOD OF SCROLLING FOR A USER INTERFACE HAVING A SCROLLING STRIP	MOTOROLA MOBILITY, INC.	20/02/2009	KOLKATA
16	269841	2365/KOLNP/200 8	12/12/2006	13/12/2005	HETEROARYL SUBSTITUTED PYRROLO[2,3-B] PYRIDINES AND PYRROLO[2,3-B] PYRIMIDINES AS JANUS KINASE INHIBITORS	INCYTE CORPORATION	23/01/2009	KOLKATA
17	269855	2878/KOLNP/2 007	10/02/2006	10/02/2005	A DUAL CLUTCH TRANSMISSION WITH AN IMPROVED CONFIGURATION AND A METHOD OF POWER FLOW WITH DUAL CLUTCH COMBINATION	BORG WARNER INC	07/09/2007	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 ABB AB registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
231591 231592 231593	13-03	ABB TECHNOLOGY LTD. OF AFFOLTERNSTRASSE 44, CH-8050 ZURICH, SWITZERLAND, A SWISS COMPANY

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	249374	15.10.2015
2.	252751	15.10.2015
3.	253137	15.10.2015
4.	253138	15.10.2015
5.	256355	15.10.2015
6.	256356	15.10.2015
7.	258362	03.11.2015
8.	258364	03.11.2015
9.	258365	15.10.2015
10.	258367	15.10.2015
11.	258368	15.10.2015
12.	258370	15.10.2015
13.	258825	12.10.2015
14.	259163	12.10.2015
15.	259164	12.10.2015
16.	200489	15.10.2015
17.	200490	15.10.2015
18.	200491	15.10.2015

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	270043	
CLASS	09-03	
COMPANY AT-	ATIONALITY INDIAN) IT IS INDIAN LTD. AS, AJMER BYE PASS ROAD, JAIPUR-20 (RAJ.)	
DATE OF REGISTRATION	02/03/2015	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	271348	
CLASS	07-01	
	IAR GUPTA AND REENA GUPTA, ALL ARE	
15UA JAWAHAR NAGAR, DELH	I-110007, INDIA	
INDIAN CITIZEN, PARTNERS OF 1 15UA JAWAHAR NAGAR, DELH DATE OF REGISTRATION TITLE		
15UA JAWAHAR NAGAR, DELH DATE OF REGISTRATION	I-110007, INDIA 13/04/2015	
15UA JAWAHÁR NAGAR, DELH DATE OF REGISTRATION TITLE PRIORITY NA	I-110007, INDIA 13/04/2015	
15UA JAWAHÁR NAGAR, DELH DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	1-110007, INDIA 13/04/2015 FLASK	
15UA JAWAHÁR NAGAR, DELH DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)B. PRAVEEN BOHRA, S/O BABILTD.,	1-110007, INDIA 13/04/2015 FLASK 204734	
15UA JAWAHÁR NAGAR, DELH DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)B. PRAVEEN BOHRA, S/O BABILTD.,	1-110007, INDIA 13/04/2015 FLASK 204734 06-01 ULAL JAIN, M/S ERGOMAXX (INDIA) PVT.	

DESIGN NUMBER	203545	
CLASS	12-16	

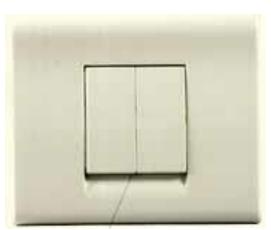
1)ROOTS INDUSTRIES LIMITED, A PRIVATE LIMITED COMPANY, HAVING ITS REGISTERED OFFICE AT R.K.G. INDUSTRIAL ESTATE, GANAPATHY, COIMBATORE-641006, TAMIL NADU, INDIA,

DATE OF REGISTRATION	17/03/2006	
TITLE	HORN	



PRIORITY NA

DESIGN NUMBER	207442	
CLASS	13-03	
1)HAVELL'S INDIA LIMITE OF 1/7, RAM KISHORE ROA	D, AN INDIAN COMPANY, D, CIVIL LINE, DELHI-110054, INDIA.	
DATE OF REGISTRATION	28/11/2006	
TITLE	SWITCH	



PRIORITY NA

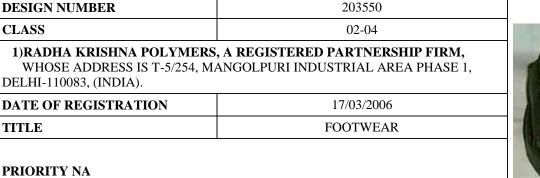
DESIGN NUMBER	268979
CLASS	24-01

1)MR. SACHIN G. LOKAPURE (INDIA). A THE PROPRIETOR OF SAGLO® RESEARCH EQUIPMENT HAVING ITS PRINCIPAL PLACE OF BUSINESS 5099, NEAR ASHA TALKIES, OPP. OMKAR APARTMENT, SHANIWAR PETH, MIRAJ-416410, DIST-SANGLI, MAHARASHTRA, INDIA

DATE OF REGISTRATION	21/01/2015
TITLE	RUBBER HOLDER FOR DIGITAL MICRO- IMAGING ADAPTOR



DESIGN NUMBER		263594	
CLASS		09-05	
1)GENERAL MILLS, INC., A C UNDER AND BY VIRTUE OF TH USA OF 1 GENERAL MILLS BLVD., M STATES OF AMERICA	HE LAWS OF THE ST	SOTA 55426, UNITED	
DATE OF REGISTRATION		3/06/2014	
TITLE	MICROWAVE F	OODSTUFF PACKAGE	
PRIORITY	T		
PRIORITY NUMBER	DATE	COUNTRY	
29/477,546	23/12/2013	U.S.A.	
DESIGN NUMBER		204736	
CLASS	06-01		
1)B. PRAVEEN BOHRA, S/O B. LTD., NO. 80/69, NUNGAMBAKKAN		NAI. TAMILNADU, IND	
DATE OF REGISTRATION		24/05/2006	
TITLE	SEA	SEAT (FURNITURE)	
PRIORITY NA			
DESIGN NUMBER		203550	
CLASS		02-04	





DESIGN NUMBER	267888	
CLASS	15-07	
1)LG ELECTRONICS INC. OF 20, YEOUIDO-DONG, YEONGI OF KOREA.	DEUNGPO-GU, SEOUL 150- 721, REPUBLIC	
DATE OF REGISTRATION	03/12/2014	
TITLE	EVAPORATOR WITH PHASE CHANGE MATERIAL HOLDER	
PRIORITY NA		
DESIGN NUMBER	206992	
CLASS	02-01	
KASHIPUR-244713(U.S.NAGAR) U	<u> </u>	
DATE OF REGISTRATION	19/10/2006	
TITLE	PANTY	
PRIORITY NA		
DESIGN NUMBER	268987	
CLASS	24-01	
RESEARCH EQUIPMENT HAVI	(INDIA). A THE PROPRIETOR OF SAGLO® NG ITS PRINCIPAL PLACE OF BUSINESS OPP. OMKAR APARTMENT, SHANIWAR PETH, HARASHTRA, INDIA	
DATE OF REGISTRATION	21/01/2015	
TITLE	DIGITAL ADAPTOR FOR MICRO-IMAGIN	G //:
PRIORITY NA		

DESIGN NUMBER	269790
CLASS	08-06

1)KAMLESHBHAI NATHABHAI CHOVATIYA (ADULT AND INDIAN NATIONAL) HAVING PLACE OF BUSINESS AT-

KOTHARIYA MAIN ROAD, 50 FEET ROAD, PARSANA-5, CLOSE STREET, RAJKOT-GUJARAT-(INDIA)

DATE OF REGISTRATION	24/02/2015
TITLE	HANDLE



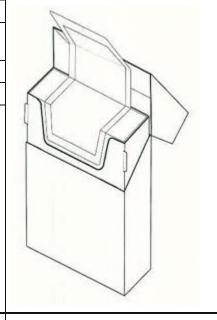
PRIORITY NA

DESIGN NUMBER	262135
CLASS	27-06
1)C D COCIETA! DED AZIONI	

1)G. D SOCIETA' PER AZIONI,

VIA BATTINDARNO 91, BOLOGNA, ITALY;

DATE OF REGISTRATION	29/04/2014
TITLE	PACKET OF CIGARETTES



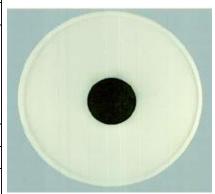
PRIORITY NA

DESIGN NUMBER	270057
CLASS	26-04

1)1) VIJAY K. BHADANI, 2) RAHUL N. BHADANI, 3) VIJAY A. MANGUKIYA, 4) HIREN P. KATHROTIYA PARTNERS OF CHARLSTON LIGHT HAVING PRINCIPAL PLACE OF BUSINESS AT

219, MARUTI PLAZA, OPP. VIJAY PARK BRTS BUS STAND, SARDAR CHOWK, 100TH ROAD, N.H. NO. 8, KRISHNA NAGAR, AHMEDABAD-382345, GUJARAT, INDIA

DATE OF REGISTRATION	02/03/2015
TITLE	LED BULB
PRIORITY NA	



DESIGN NUMBER	271618
CLASS	07-02

1)NAYASA SUPERPLAST

OF SURVEY NO. 370/2 (7) KACHIGAM, NANI DAMAN, DAMAN-396210, (UNION TERRITORIES), INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE SACHIN SACHDEV & MANASI SACHDEV, ALL INDIAN NATIONALS

DATE OF REGISTRATION	23/04/2015
TITLE	CASSEROLE



PRIORITY NA

DESIGN NUMBER	204740
CLASS	06-01
AND DELIVERSY DOWN A GIO DARWAY AND AND THE GOLDAN	

1)B. PRAVEEN BOHRA, S/O BABULAL JAIN, M/S ERGOMAXX (INDIA) PVT. LTD.,

NO. 80/69, NUNGAMBAKKAM HIGH ROAD, CHENNAI. TAMILNADU, INDIA

DATE OF REGISTRATION	24/05/2006
TITLE	SEAT (FURNITURE)



PRIORITY NA

DESIGN NUMBER	203882
CLASS	02-99

1)ASHOK KUMAR, INDIAN,

62 IIND FLOOR, UNIQUE APARTMENT SECTOR-13, ROHINI - NEW DELHI-85, INDIA

DATE OF REGISTRATION	28/03/2006
TITLE	GARMENT (SIDE PANEL STITCHED COAT)



DESIGN NUMBER	273075
CLASS	06-01
1)ANITA AGGARWAL D-48, SECTOR-47, NOIDA-201301, U.P., INDIA	
DATE OF REGISTRATION	24/06/2015
TITLE	CHAIR



PRIORITY NA

DESIGN NUMBER	204023
CLASS	09-01

1) ATTAR ABDUL RAFIQ & SONS., (AN INDIAN SOLE PROPRIETORSHIP CONCERN),

HAVING OFFICE AT 200/202, EBRAHIM REHMATULLA ROAD, P.O. BOX - 13036 MUMBAI-400 003, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	05/05/2006
TITLE	BOTTLE



PRIORITY NA

DESIGN NUMBER	230319
CLASS	30-03
1)KUMAR ENGINEERING WORKS AT B-38, G.T. KARNAL ROAD INDUSTRIAL AREA, DELHI-110033, INDIA	
DATE OF REGISTRATION 16/07/2010	
TITLE	PET BOWL



DESIGN NUMBER	268847
CLASS	24-02

1)MERIL ENDO-SURGERY PRIVATE LIMITED HAVING ADDRESS AT

SURVEY NO. 135/139, BILAKHIA HOUSE, MUKTANAND MARG, CHALA, VAPI-396191, GUJARAT, INDIA

DATE OF REGISTRATION	13/01/2015
TITLE	SUTURE TRAY



PRIORITY NA

DESIGN NUMBER	270042
CLASS	09-03

1)EXOL CORPORATION LTD. AN INDIAN LTD. COMPANY AT-

35, DEEPAK VATIKA, BADARWAS, AJMER BYE PASS ROAD, JAIPUR-20 (RAJ.) NATIONALITY-INDIAN

DATE OF REGISTRATION	02/03/2015
TITLE	CONTAINER



PRIORITY NA

DESIGN NUMBER	204523
CLASS	02-06
1)SHIV SHAKTI PRINTS, SHIVALA BHAIYAN, 2175, MUSLIM GANJ, AMRITSAR- (PUNJAB) (INDIA),	
DATE OF REGISTRATION	06/06/2006
TITLE	SCARF



DESIGN NUMBER	203540
CLASS	13-02
1)COSMOS IGNITE INNOVATIONS PVT. LTD., A COMPANY DULY	

INCORPORATED UNDER THE LAWS OF INDIA

AND HAVING ITS REGISTERED OFFICE AT C-25, PANCHSHEEL ENCLAVE, NEW DELHI-110017

DATE OF REGISTRATION	23/12/2005
TITLE	SOLAR POWERED LED EQUIPMENT



PRIORITY NA

DESIGN NUMBER	258876
CLASS	24-01
1)ELLUME PTY LTD, A COMPANY ORGANIZED UNDER THE LAWS OF	

AUSTRALIA, OF

57 DIDSBURY ST, EAST BRISBANE, QUEENSLAND, 4169, AUSTRALIA

DATE OF REGISTRATION	19/12/2013
TITLE	LIGHT GUIDE ELEMENT FOR A PHOTODETECTOR
PRIORITY	



PRIORITY NUMBER	DATE	COUNTRY
002258335-0002	19/06/2013	OHIM

DESIGN NUMBER 218563	
CLASS 10-02	



AT CHEMIN DE LA DOLE, 11196-GLAND-SWITZERLAND, A SWISS NATIONAL AND MARC AESCHBACHER, AT GRAND URE 3, 1183- BURSINS -SWITZERLAND, A SWISS NATIONAL

DATE OF REGISTRATION	15/09/2008
TITLE	WATCH
PRIORITY NA	

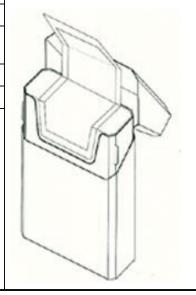


DESIGN NUMBER	262143
CLASS	27-06

1)G. D SOCIETA' PER AZIONI, AT

VIA BATTINDARNO 91, BOLOGNA, ITALY;

DATE OF REGISTRATION	29/04/2014
TITLE	PACKET OF CIGARETTES



PRIORITY NA

DESIGN NUMBER	271570
CLASS	02-02

1)HEMANT HINGARH (INDIAN NATIONAL)

OF A/601-603, DEV DARSHAN, OLD NAGARDAS ROAD, ANDHERI (EAST), MUMBAI-400069, MAHARASHTRA, INDIA

DATE OF REGISTRATION	21/04/2015
TITLE	RAINSUIT



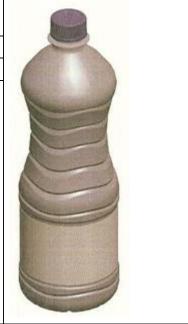
PRIORITY NA

DESIGN NUMBER	272439
CLASS	09-01

1)M/S. KARNASREE DRINK AND FOOD PRODUCTS PVT. LTD., AN INDIAN COMPANY HAVING REGISTERED ADDRESS AT

25TH, 3RD FLOOR, KARNASREE POINT, ANAND NAGAR, MARATHALLI RING ROAD, MARATHAHALLI POST, BANGALORE 560037, INDIA

DATE OF REGISTRATION	01/06/2015
TITLE	BOTTLE



DESIGN NUMBER	204742
CLASS	06-01

1)B. PRAVEEN BOHRA, S/O BABULAL JAIN, M/S ERGOMAXX (INDIA) PVT. LTD.,

NO. 80/69, NUNGAMBAKKAM HIGH ROAD, CHENNAI. TAMILNADU, INDIA

DATE OF REGISTRATION	24/05/2006
TITLE	SEAT (FURNITURE)



PRIORITY NA

DESIGN NUMBER	204078
CLASS	07-02

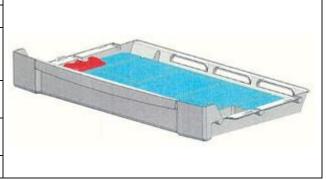
1)HAPPY HOME PRODUCT AN INDIAN FIRM

OF BUILD NO. 2, GALA NO. 14/15, PARAM INDUSTRIAL ESTATE, NIKE PADA, VALIVE, VASI (E), DIST THANE-401 208. [MAHARASHTRA], INDIA;

DATE OF REGISTRATION	13/04/2006
TITLE	CASSEROLE



DESIGN NUMBER	267886	
CLASS	15-07	
1)LG ELECTRONICS INC. OF 20, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721, REPUBLIC OF KOREA.		
DATE OF REGISTRATION	03/12/2014	
TITLE	TRAY FREEZER WITH PHASE CHANGE MATERIAL	
PRIORITY NA		



DESIGN NUMBER	268986	
CLASS	24-01	
RESEARCH EQUIPMENT HAVING	NDIA). A THE PROPRIETOR OF SAGLO® ITS PRINCIPAL PLACE OF BUSINESS P. OMKAR APARTMENT, SHANIWAR PETH, ARASHTRA, INDIA	
DATE OF REGISTRATION	21/01/2015	
TITLE	DIGITAL ADAPTOR FOR MICRO-IMAGING	
PRIORITY NA		
DESIGN NUMBER	262134	
CLASS	27-06	
1)G. D SOCIETA' PER AZIONI, VIA BATTINDARNO 91, BOLOGNA, ITALY;		
DATE OF REGISTRATION	29/04/2014	
TITLE	PACKET OF CIGARETTES	
PRIORITY NA		
DESIGN NUMBER	204739	
CLASS	06-01	
LTD.,	ULAL JAIN, M/S ERGOMAXX (INDIA) PVT. IGH ROAD, CHENNAI. TAMILNADU, INDIA	
DATE OF REGISTRATION	24/05/2006	
TITLE	SEAT (FURNITURE)	
PRIORITY NA		

DESIGN NUMBER	203766
CLASS	12-11
1)MERAPALA VIJAYA KUMAR, (INDIAN) D.NO. 36-35-23. V.T.COLLEGE ROAD, RAJAHMUNDRY-533101 (A.P)	
DATE OF REGISTRATION 27/03/2006	
TITLE	SCOOTER



PRIORITY NA

DESIGN NUMBER	273072	
CLASS	08-07	
HAVING ITS PRINCIPAL PLAC 109, UDYOG MANDIR ESTAT	1)MR. NAYANBHAI BHUPATBHAI KALARIA, AN INDIAN NATIONAL, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, 109, UDYOG MANDIR ESTATE, KISHAN MAIN ROAD, UMAKANT UDHYOGNAGAR, RAJKOT-360004, GUJARAT-INDIA	

DATE OF REGISTRATION	24/06/2015
TITLE	DOOR CATCHER (CLOSER)



DESIGN NUMBER	203967
CLASS	09-07
1)PLASTICON INDUSTRIES, AN INDIAN PROPRIETARY FIRM, 11/3/A, CIEEP, GANDHI NAGAR, BALANAGAR, HYDERABAD (A.P.), INDIA,	
DATE OF REGISTRATION	21/04/2006
TITLE	REVETLESS CLAMP
PRIORITY NA	

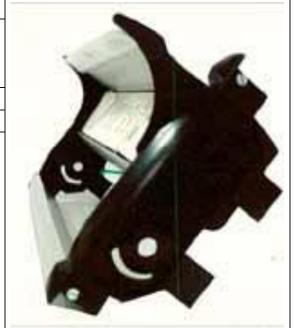


DESIGN NUMBER	206380
CLASS	06-06

1)BP ERGO LIMITED,

DGP HOUSE, 3RD FLOOR, 88-C, OLD PRABHADEVI ROAD, MUMBAI-400 025, MAHARASHTRA STATE, INDIA, AN INDIAN PUBLIC LTD. COMPANY

DATE OF REGISTRATION	11/10/2006
TITLE	POWER DOCK



PRIORITY NA

DESIGN NUMBER	268832
CLASS	12-16
1)PARDEEP SINGH.	

PAM FIBERS TARAKSHEEL CHOWK NEAR MOTI RAM MEHRA GURDWARA BARNALA-148101 (PB.) INDIA, A NATURAL PERSON (INDIAN RESIDENT)

DATE OF REGISTRATION	13/01/2015
TITLE	HOODS FOR TRACTOR



PRIORITY NA

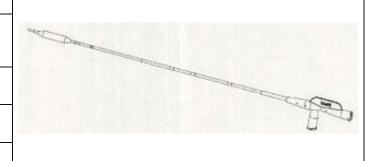
DESIGN NUMBER

CLASS	24-01	
1)MERIL LIFE SCIENCES PRIVATE LIMITED		
SURVEY NO 135/139	RII AKHIA HOLISE MIJKTANAND	

271589

MARG, CHALA, VAPI- 396 191 GUJARAT, INDIA

DATE OF REGISTRATION	22/04/2015	
TITLE	SINUS DILATION BALLOON CATHETER	
PRIORITY NA		

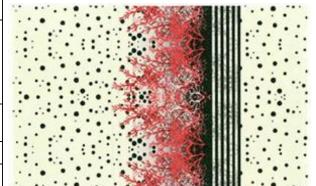


DESIGN NUMBE	272497
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	03/06/2015	
TITLE	TEXTILE FABRIC	
DDIODITY NA		



PRIORITY NA

CLASS 09-02	DESIGN NUMBER	210921
	CLASS	09-02

1)ASIAN PAINTS LIMITED, (AN INDIAN CO.,)

6A SHANTINAGER INDUSTRIAL ESTATE, SANTACRUZ(E), MUMBAI-400 055, M. H. INDIA.

DATE OF REGISTRATION	21/06/2007
TITLE	PAIL



PRIORITY NA

DESIGN NUMBER	273181
CLASS	11-02

1)RAVINDER SHARMA,

505/5A, VIKAS NAGAR, BACKSIDE STADIUM, PAKHOWAL ROAD, LUDHIANA, PUNJAB, INDIA AN INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	29/06/2015
TITLE	DECORATIVE PYRAMID



DESIGN NUMBER	218565	
CLASS	10-02	
	i- GLAND- SWITZERLAND, A SWISS CHER, AT CRAND URE 3, 1183-BURSINS –	
DATE OF REGISTRATION	15/09/2008	
TITLE	WATCH	A CANAL SECTION
PRIORITY NA		
DESIGN NUMBER	262144	
CLASS	27-06	
1)G. D SOCIETA' PER AZIONI, VIA BATTINDARNO 91, BOLOG	NA, ITALY;	
DATE OF REGISTRATION	29/04/2014	
TITLE	PACKET OF CIGARETTES	
PRIORITY NA		
DESIGN NUMBER	213376	
CLASS	08-09	promise and the second
INCORPORATED UNDER THE CO HAVING ITS ADDRESS AS 24/17	0, KULDEEP CO-OP.HSG. SOCIETY, RAJENDRA RATIONING OFFICE, BORIVLI (EAST),	
DATE OF REGISTRATION	08/11/2007	
TITLE	METAL FITTING FOR FURNITURE	
PRIORITY NA		

DESIGN NUMBER	272455		
CLASS	07-01		
INDIAN PARTNERSHIP FIRM), WHO SANTOSH KAPOOR, BOTH INDIAN ADDRESS	L AREA, NEW DELHI-110015 (INDIA), (AN DSE PARTNERS ARE ARJUN KAPOOR & NATIONALS AND AT THE SAME ABOVE		
DATE OF REGISTRATION	02/06/2015		
TITLE	DISH BOWL		
PRIORITY NA			
DESIGN NUMBER	204743		
CLASS	06-01		
LTD.,	1)B. PRAVEEN BOHRA, S/O BABULAL JAIN, M/S ERGOMAXX (INDIA) PVT. LTD., NO. 80/69, NUNGAMBAKKAM HIGH ROAD, CHENNAI. TAMILNADU, INDIA		
DATE OF REGISTRATION	24/05/2006		
TITLE	SEAT (FURNITURE)		
PRIORITY NA		T	
DESIGN NUMBER	204126		
CLASS 21-03		Dur House	
1)H.J. SIWANI, PARTNER, H.M. LEISURE, H.M. GENEVA HOUSE, NO.14, CUNNINGHAM ROAD, BANGALORE, KARNATAKA STATE, PIN – 560 052, INDIA, INDIAN			
DATE OF REGISTRATION	12/05/2006	Del Tal	
TITLE	ELECTRONIC REDEMPTION MACHINES	* A	
PRIORITY NA			

DESIGN NUMBER	224021
CLASS	15-99
1)CPS COLOR EQUIPMENT SPA CON UNICO SOCIO VIA DELL AGRICOLTURA, 103, 41038 SAN FELICE SUL PANARO (MO), ITALY	

DATE OF REGISTRATION		24/07/2009	
	TITLE	PAINT-DISPENSING MACHINE	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
1086052	11/02/2009	OHIM



DESIGN NUMBER	268982
CLASS	24-01

1)MR. SACHIN G. LOKAPURE (INDIA). A THE PROPRIETOR OF SAGLO® RESEARCH EQUIPMENT HAVING ITS PRINCIPAL PLACE OF BUSINESS 5099, NEAR ASHA TALKIES, OPP. OMKAR APARTMENT, SHANIWAR PETH, MIRAJ-416410, DIST-SANGLI, MAHARASHTRA, INDIA

DATE OF REGISTRATION	21/01/2015		
TITLE	SUPPORTING FITTING FOR DIGITAL MICRO-		
TITLE	IMAGING ADAPTOR		

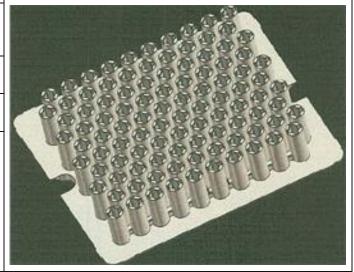


PRIORITY NA

DESIGN NUMBER	271505 24-02		
CLASS			

1)SCHOTT KAISHA PVT LTD., AN INDIAN COMPANY OF 70 NAGINDAS MASTER ROAD, FORT, MUMBAI 400023, MAHARASHTRA, INDIA

DATE OF REGISTRATION	17/04/2015
TITLE	NEST FOR PRECRIMPED PRESTERILIZED CARTRIDGES



DESIGN NUMBER	204737
CLASS	06-01
1)B. PRAVEEN BOHRA, S/O BAB LTD	ULAL JAIN, M/S ERGOMAXX (INDIA) PVT.

NO. 80/69, NUNGAMBAKKAM HIGH ROAD, CHENNAI. TAMILNADU, INDIA			
DATE OF REGISTRATION	24/05/2006		

SEAT (FURNITURE)



PRIORITY NA

TITLE

DESIGN NUMBER	203645		
CLASS	15-99		

1)HEENA UDYOG., (AN INDIAN SOLE PROPRIETORSHIP CONCERN),

HAVING OFFICE AT 3, RATNA SHANTI CO-OP. HSG. SOCIETY, VALJADE NAGAR, NEAR OM NAGAR, NEW ADGAON NAKA, PANCHAVATI, NASIK - 3, MAHARASHTRA, INDIA.

DATE OF REGISTRATION	27/03/2006			
TITLE	MACHINE (PAPAD MAKING)			



PRIORITY NA

DESIGN NUMBER	203913		
CLASS	09-03		

1)JANTA FOOD PRODUCTS, INDIAN PROPRIETARY FIRM WHOSE PROPRIETOR IS RAJKUMAR BHAGWANDAS JAISINGHANI, INDIAN NATIONAL, PLOT NO. 11, INDUSTRIAL AREA, ULHASNAGAR-421 004

DATE OF REGISTRATION	07/04/2006		
TITLE	BOX		



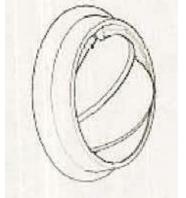
DESIGN NUMBER		268817			
CLASS			12-16		
1)IOCHPE-MAXION S.A., A THE BRAZILIAN LAW, OF AV. MAJOR JOSÉ LEVY S LIMEIRA - SP, BR-BRAZIL					
DATE OF REGISTRATION		12	2/01/2015		(()) (b) (b) (1)
TITLE		WH	HEEL CAP		My bod M
PRIORITY					
PRIORITY NUMBER		DATE	COUNTR	Y	
BR302014003900-8		12/08/2014	BRAZIL		
DESIGN NUMBER			269050		
CLASS		26-05			
1)VIMAL SONI, INDIAN N. BHAVYA HEIGHTS, B-200 MANDIR, WADALA MUMBA	04, 20TH	I FLOOR, KATRAK R	ROAD, NEAR R	AM	
DATE OF REGISTRATION		23	3/01/2015		
TITLE		LED LIGHTS			
PRIORITY NA					
DESIGN NUMBER		269656			
CLASS		15-03			~ ^
1)RAGHUNATH PANDURA A/P PIMPALGAON KHUR MAHARASHTRA, 416216			KOLHAPUR,	The state of the s	
DATE OF REGISTRATION		18/02/2015			The state of the s
TITLE		ROTARY TILLER		/	A STANGER
PRIORITY NA				4	

DESIGN NUMBER	271588
CLASS	24-01

1)MERIL LIFE SCIENCES PRIVATE LIMITED

SURVEY NO.135/139, BILAKHIA HOUSE, MUKTANAND MARG, CHALA, VAPI-396 191 GUJARAT, INDIA

DATE OF REGISTRATION	22/04/2015
TITLE	HEART VALVE



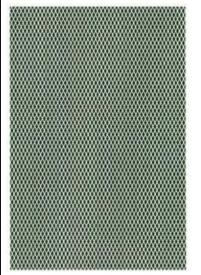
PRIORITY NA

DESIGN NUMBER	272472
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	03/06/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	273179
CLASS	11-02

1) RAVINDER SHARMA,

505/5A, VIKAS NAGAR, BACKSIDE STADIUM, PAKHOWAL ROAD, LUDHIANA, PUNJAB, INDIA AN INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	29/06/2015
TITLE	DECORATIVE PYRAMID



DESIGN NUMBER	204790
CLASS	03-01

1)MALAYALA MANORAMA COMPANY LIMITED., (A COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956),

OF P.B. NO. 26, K.K. ROAD, KOTTAYAM-686 001. (INDIA)

DATE OF REGISTRATION	21/06/2006
TITLE	BOX (NEWS PAPER)
	•



PRIORITY NA

DESIGN NUMBER	203368
CLASS	08-08

1)AUGUST INDUSTRIES PVT. LTD.'

OF VILLAGE - GAUNPUR, P.O. NURPUR BET, HAMBRAN, DISTT. LUDHIANA, (PUNJAB), INDIA, AN INDIAN PRIVATE LIMITED COMPANY

DATE OF REGISTRATION	28/02/2006
TITLE	HAMMER HEAD SCREW



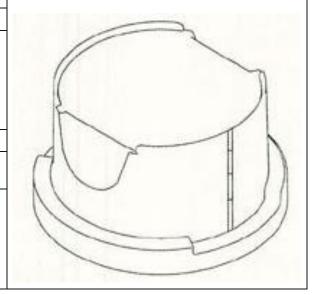
PRIORITY NA

DESIGN NUMBER	268983
CLASS	24-01

1)MR. SACHIN G. LOKAPURE (INDIA). A THE PROPRIETOR OF SAGLO[®] RESEARCH EQUIPMENT HAVING ITS PRINCIPAL PLACE OF BUSINESS

5099, NEAR ASHA TALKIES, OPP. OMKAR APARTMENT, SHANIWAR PETH, MIRAJ-416410, DIST-SANGLI, MAHARASHTRA, INDIA

DATE OF REGISTRATION	21/01/2015
TITLE	CLOSURE FOR DIGITAL MICRO- IMAGING ADAPTOR



DESIGN NUMBER	269788	
CLASS	08-06	

1)RAMESHBHAI BABUBHAI RAMANI (INDIAN NATIONAL) HAVING PLACE OF BUSINESS AT-

PLOT NO. C-1B/259, AJI GIDC, ROAD R JAY OFFSET STREET, OPP: TURNOMECH ENGINEARG, RAJKOT-360003-GUJARAT-(INDIA)

DATE OF REGISTRATION	24/02/2015	
TITLE	HANDLE	
PRIORITY NA		

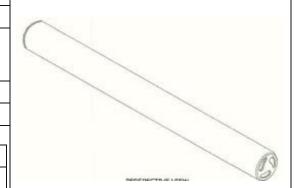


DESIGN NUMBER	262124	
CLASS	27-99	

1)ALTRIA CLIENT SERVICES INC., A CORPORATION EXISTING UNDER THE LAWS OF THE SATE OF NEW YORK, USA OF

6601 WEST BROAD STREET, RICHMOND, VIRGINIA 23230, USA

DATE OF REGISTRATION	29/04/2014	
TITLE	ELECTRONIC	C SMOKING ARTICLE
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY



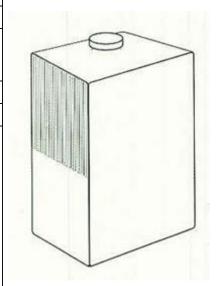
DESIGN NUMBER	245973
CLASS	09-01

1)THOMAS C. FORD, A CITIZEN OF U.S.A., C/O SHAPIRO & COMPANY, C.P.A.,

9229 SUNSET BLVD., SUITE 607, LOS ANGELES, CA 90069, USA

DATE OF REGISTRATION	14/06/2012	
TITLE	FRAGRANCE BOTTLE	

31/10/2013



PRIORITY

29/471,454

PRIORITY NUMBER	DATE	COUNTRY
29/408,566	14/12/2011	U.S.A.

U.S.A.

DESIGN NUMBER	249168	
CLASS	09-03	100
1)SH. DHARAM VIR JAIN (AN I TRADING AS DVJ INTERNATION 103, VIR NAGAR, JAIN COLON		DV W Long Janing & Molecula Vilaming & Alon Veta
DATE OF REGISTRATION	02/11/2012	lipsiict
TITLE	LIPSTICK BOX	
PRIORITY NA		
DESIGN NUMBER	265979	
CLASS	27-06	
	JIMITED, AN INDIAN COMPANY OF MUNITY CENTRE, NEW FRIENDS COLONY,	
DATE OF REGISTRATION	24/09/2014	
TITLE	CHARGING CASE FOR ELECTRONIC CIGARETTES	
TITLE		
TITLE PRIORITY NA		
TITLE	CIGARETTES	
PRIORITY NA DESIGN NUMBER CLASS 1)B. PRAVEEN BOHRA, S/O BALTD.,	CIGARETTES 204738	
PRIORITY NA DESIGN NUMBER CLASS 1)B. PRAVEEN BOHRA, S/O BALTD.,	204738 06-01 BULAL JAIN, M/S ERGOMAXX (INDIA) PVT.	

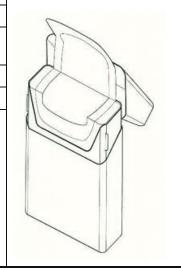
DESIGN NUMBER	203657		
CLASS	99-00		
1)MONEY CONTROLS LIMITED OF COIN HOUSE, NEW COIN S		PHAM OL2 6JZ, GB	
DATE OF REGISTRATION	27	7/09/2005	My Am
TITLE	CONTAINER	FOR BANKNOTES	
PRIORITY	•		
PRIORITY NUMBER	DATE	COUNTRY	
000409040	27/09/2005	OHIM	
DESIGN NUMBER		203937	
CLASS		09-01	0
,	NISSAN HOUSE, PLOT NO. 6/22, MAROL CO - OP INDUSTRIAL ESTATE, DAD, ANDHERI (E), MUMBAI – 400 059, MAHARASHTRA, INDIA, OF REGISTRATION 04/04/2006		
TITLE	LU	NCH BOX	
PRIORITY NA			
DESIGN NUMBER		207328	
CLASS		16-06	
1)SANTHOSH, NATIONALITY: ADDRESS: RESIDING AT NO. 7 MYSORE-570 012, KARNATAKA		, JAYALAKSHMI PURAM	
DATE OF REGISTRATION	07	7/12/2006	
TITLE	EY	YE WEAR	
PRIORITY NA	·		

DESIGN NUMBER	262142
CLASS	27-06
1)C D SOCIETA' PER AZIONI	

1)G. D SOCIETA' PER AZIONI,

VIA BATTINDARNO 91, BOLOGNA, ITALY;

DATE OF REGISTRATION	29/04/2014	
TITLE	PACKET OF CIGARETTES	



PRIORITY NA

DESIGN NUMBER	272437
CLASS	28-03

1)KING METAL WORKS,

A-6/7, NAND DHAM INDUSTRIAL ESTATE, AGNISHAMANDAL MARG, MAROL, ANDHERI (E), MUMBAI-400059, STATE OF MAHARASHTRA, (INDIA), AN INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE (1) RAMESH RIKHAVDAS SHAH (2) MUKUND NARYANDAS SHAH (3) ARUNA RAMESH SHAH (4) TEJASH RAMESH SHAH (5) ATUL AMRUTLAL SHAH (6) KAMAL MUKUND SHAH (7) JAINY TEJASH SHAH (8) RAMESH R. SHAH (HUF) INDIAN NATIONALS, OF ABOVE ADDRESS

DATE OF REGISTRATION	01/06/2015
TITLE	TOOTHPICK DISPENSER



PRIORITY NA

DESIGN NUMBER	271242
CLASS	07-04

1)VIJAYBHAI S. FACHARA AND CHARMIBEN V. FACHARA BOTH INDIAN NATIONAL PARTNERS OF SHREEJI PRODUCTS AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:

JAY SARDAR INDUSTRIAL ZONE, PLOT NO. 47, SURVEY NO. 250, BEHIND KOTHARIYA SOLVENT, GONDAL ROAD, N.H. 8 B, KOTHARIYA-2, RAJKOT, GUJARAT-INDIA

DATE OF REGISTRATION	08/04/2015
TITLE	JUICER



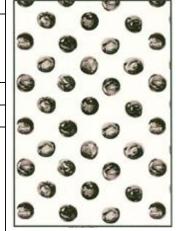
DESIGN NUMBER	204741	
CLASS	06-01	
LTD.,	BULAL JAIN, M/S ERGOMAXX (INDIA) PVT. HIGH ROAD, CHENNAI. TAMILNADU, INDIA	
DATE OF REGISTRATION	24/05/2006	
TITLE	SEAT (FURNITURE)	
PRIORITY NA		T
DESIGN NUMBER	204077	
CLASS	07-01	
1)M. M INDUSTRIES AN INDIA OF BUILD NO. 2, GALA NO. 10. VALIVE, VASI (E), DIST THANE-4	, PARAM INDUSTRIAL ESTATE, NIKE PADA,	
DATE OF REGISTRATION	13/04/2006	
ITLE FLASK		
PRIORITY NA DESIGN NUMBER	268697	
CLASS	08-07	
PROPRIETOR OF M/S. VIKAS ENFIRM, HAVING ITS PRINCIPAL	, KISHAN MAIN ROAD, UMAKANT	
DATE OF REGISTRATION	08/01/2015	
TITLE	LOCK FOR DOOR	
PRIORITY NA		

DESIGN NUMBER	271901
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	05/05/2015	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	271452
CLASS	05-05

1)PARRY MURRAY & CO. LTD., COMPANY REGISTERED UNDER THE LAWS OF ENGLAND AND WALES, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

3RD FLOOR, SIMPSON HOUSE, 6 CHERRY ORCHARD ROAD, CROYDON, CRO 6BA, UNITED KINGDOM

DATE OF REGISTRATION	16/04/2015
TITLE	TEXTILE FABRIC

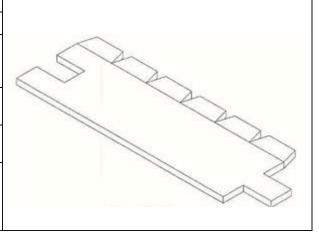


PRIORITY NA

DESIGN NUMBER

CLASS		12-1	6
1)IBIDEN CO., LTD., A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN OF 1, KANDACHO 2-CHOME, OGAKI-SHI, GIFU, JAPAN			
DATE OF REGISTRATION	25/06/2014		
TITLE	HEAT INSULATING MEMBER FOR EXHAUST PIPE COMPONENT		
PRIORITY			
PRIORITY NUMBER		DATE	COUNTRY
2013-030558		26/12/2013	JAPAN

263662



DESIGN NUMBER	272545
CLASS	22-06

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	04/06/2015
TITLE	MOSQUITO REPELLENT



PRIORITY NA

DESIGN NUMBER	270949
CLASS	25-01

1)NIWAJISH MAHAJAN, C/O. M. PLAST INDUSTRIES, OF

GALI NO. 3, UDYOG NAGAR, GADAIPUR, JALANDHAR-144004 (P.B.), INDIA, INDIAN NATIONAL OF ABOVE ADDRESS

DATE OF REGISTRATION	06/04/2015
TITLE	SPACER FOR BUILDING CONSTRUCTION

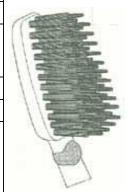


PRIORITY NA

GB 4003408

DESIGN NUMBER		213904
CLASS		04-02
1)GLAXOSMITHKLINE CONSUMER HEALTHCARE GMBH & CO. KG, A GERMAN COMPANY OF THE ADDRESS BUSSMATTEN 1, 77815 BUEHL (BADEN), GERMANY		
DATE OF REGISTRATION		28/06/2007
TITLE		TOOTHBRUSH
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY

28/06/2007



UNITED KINGDOM

DESIGN NUMBER	271159
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	271278
CLASS	15-06

1)SUKHWINDER SINGH & PARAMVEER SINGH, C/O. M/S. EMRON ENGINEERS OF

PLOT NO. 300, NEW ERA ROAD, INDUSTRIAL AREA 'A', NEAR CHEEMA CHOWK, LUDHIANA-141003 (PUNJAB), INDIA, INDIAN NATIONALS OF ABOVE ADDRESS

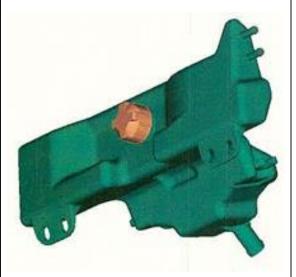
DATE OF REGISTRATION	09/04/2015	
TITLE	STAND FOR SEWING MACHINES	



PRIORITY NA

DATE OF DECICED ATION	10/06/2015	
MUMBAI 400001, MAHARASHTRA, INDIA		
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK,		
CLASS 12-16		
DESIGN NUMBER	272871	

DATE OF REGISTRATION	19/06/2015
TITLE	AUXILIARY COOLANT TANK OF VEHICLE

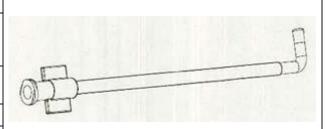


DESIGN NUMBER	271591
CLASS	24-01

1)MERIL LIFE SCIENCES PRIVATE LIMITED

SURVEY NO.135/139, BILAKHIA HOUSE, MUKTANAND MARG, CHALA, VAPI- 396 191 GUJARAT,INDIA

DATE OF REGISTRATION	22/04/2015
TITLE	SINUS DILATION GUIDE CATHETER



PRIORITY NA

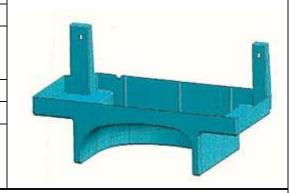
DESIGN NUMBER	272522
CLASS	15-07

1)LG ELECTRONICS INC.

OF 20, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721, REPUBLIC OF KOREA

KLI OI	LIC OI	KOKL	,
DATE	OF DE	CICTD A	T

DATE OF REGISTRATION	03/06/2015
TITLE	TRAY DRIP



PRIORITY NA

DESIGN NUMBER	273182
CLASS	11-02
1)RAVINDER SHARMA, 505/5A, VIKAS NAGAR, BACKSIDE STADIUM, PAKHOWAL ROAD, LUDHIANA, PUNJAB, INDIA AN INDIAN OF THE ABOVE ADDRESS	
DATE OF REGISTRATION	29/06/2015
TITLE	DECORATIVE PYRAMID



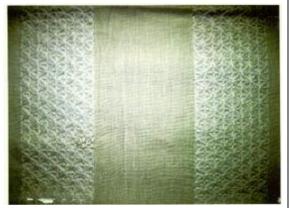
DESIGN NUMBER	202967	
CLASS	31-00	
1)MODERN PLASTIC, AN INDIA ADDRESS AT C-2, AKBARALI (JOGESHWARI(W), MUMBAI-40010	COMPOUND, RELIEF ROAD, OSHIWARA,	<u>ua</u> /
DATE OF REGISTRATION	06/02/2006	
TITLE	MIXER GRINDER	
PRIORITY NA		- SE
DESIGN NUMBER	270455	
CLASS	12-16	
1)MAHINDRA & MAHINDRA LT GATEWAY BUILDING, APOLLO B INDIA	TD., OF SUNDER, MUMBAI 400 001. MAHARASHTRA,	
DATE OF REGISTRATION	19/03/2015	1
TITLE	FLOOR CONSOLE FOR A VEHICLE	
PRIORITY NA DESIGN NUMBER	270939	
CLASS	12-15	
1)TVS SRICHAKRA LIMITED, A		
DATE OF REGISTRATION	06/04/2015	
TITLE	TYRE	
PRIORITY NA		

DESIGN NUMBER	271464
CLASS	05-05

1)PARRY MURRAY & CO. LTD., COMPANY REGISTERED UNDER THE LAWS OF ENGLAND AND WALES, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

3RD FLOOR, SIMPSON HOUSE, 6 CHERRY ORCHARD ROAD, CROYDON, CRO 6BA, UNITED KINGDOM

DATE OF REGISTRATION	16/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	273207
CLASS	13-99
1)JAYASIMHA RATHOD, INDIAN NATIONAL, OF THE ADDRESS	

I)JAYASIMHA RATHOD, INDIAN NATIONAL, OF THE ADDRESS
INDIA ONE SOLAR PLANT, BRAHMAKUMARIS, SHANTIVAN CAMPUS, ABU
ROAD-307510, RAJASTHAN, INDIA

DATE OF REGISTRATION	30/06/2015
TITLE	SOLAR REFLECTOR



PRIORITY NA

	58
CLASS 06-0	1

1)WIM PLAST LIMITED, A PUBLIC LIMITED COMPANY REGISTERED UNDER THE PROVISION OF INDIAN COMPANIES ACT, 1956, HAVING OFFICE ADDRESS AT

CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA

DATE OF REGISTRATION	06/04/2015
TITLE	CHAIR

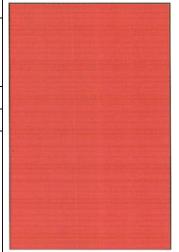


DESIGN NUMBER	271941
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

	DESIGN NUMBER	262925
CLASS 12-15	CLASS	12-15

1)FORTUNE GOLD ENTERPRISES LTD., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF REPUBLIC OF SEYCHELLES WHOSE ADDRESS IS

SUITE 13, FIRST FLOOR, OLIAJI TRADE CENTER, FRANCIS RACHEL STREET, VICTORIA, MAHE, REPUBLIC OF SEYCHELLES

DATE OF REGISTRATION	27/05/2014
TITLE	TYRE



PRIORITY NA

DESIGN NUMBER	273229
CLASS	06-11

1)MR. AMIT HARESHBHAI PANDIT PROPRIETOR OF JATIN AGENCY, INDIAN NATIONAL, HAVING THE PRINCIPAL PLACE OF BUSINESS AT

OPP. FIRE BRIGADE STATION, V. V. COMPLEX, BHAVNAGAR ROAD, RAJKOT-360003, GUJARAT, INDIA AND HAVING THE PROPRIETOR MR. AMIT HARESHBHAI PANDIT RESIDING AT SHIV ASHISH, 26, PRAHLAD PLOT, RAJKOT-360001, GUJARAT, GUJARAT, INDIAN NATIONAL

DATE OF REGISTRATION	30/06/2015
TITLE	CLEANING MOP



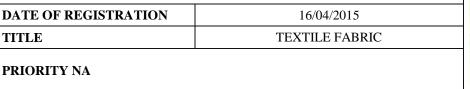
DESIGN NUMBER			2023	376	
CLASS		12-08		08	
1)SWS MOTORS CO. LTD., OF 99 MOO 6, MITTRAPAP R NAKORNRATCHASIMA 30280 T THE LAWS OF THAILAND,					
DATE OF REGISTRATION		04/08/2005		2005	d College
TITLE		FC	OUR WHEEL	ED VEHICLE	W 100
PRIORITY					06:3
PRIORITY NUMBER		DATE		COUNTRY	
102996		04/08/200	05	THAILAND	
DESIGN NUMBER			2728	379	
CLASS			14-	99	
1)SAMSUNG ELECTRONICS CO., LTD. 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA					
DATE OF REGISTRATION			19/06/	2015	
TITLE		CO	VER FOR M	OBILE PHONE	
30-2015-0008484	015-0008484 16/02/2015 REPUBLIC OF KOREA		PROMY POSSECUTIVE VISIN		
DESIGN NUMBER		273389		389	
CLASS		26-04		04	
1)KONINKLIJKE PHILIPS N. UNDER THE LAWS OF THE KI RESIDING AT EINDHOVEN, CAMPUS 5, 5656 AE EINDHOVE	NGDO WHOS	OM OF THE E POST-O	E NETHERI FFICE ADDI LANDS	LANDS, RESS IS HIGH TECH	
DATE OF REGISTRATION		06/07/2015		2015	
TITLE		LED RETROFIT BULB		OFIT BULB	
PRIORITY PRIORITY NUMBER DATE COUNTRY 002614628-0001 16/01/2015 OHIM					

DESIGN NUMBER	271455
CLASS	05-05

1)PARRY MURRAY & CO. LTD., COMPANY REGISTERED UNDER THE LAWS OF ENGLAND AND WALES, HAVING ITS PRINCIPAL PLACE OF **BUSINESS AT**

3RD FLOOR, SIMPSON HOUSE, 6 CHERRY ORCHARD ROAD, CROYDON, CRO 6BA, UNITED KINGDOM

DATE OF REGISTRATION	16/04/2015
TITLE	TEXTILE FABRIC



263663



CLASS	12-16	
1)IBIDEN CO., LTD., A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN OF 1, KANDACHO 2-CHOME, OGAKI-SHI, GIFU, JAPAN		
DATE OF REGISTRATION	25/06/2014	
	HEAT INSULATING MEMBER FOR	

DESIGN NUMBER

TITLE	HEAT INSULATING MEMBER FOR EXHAUST PIPE COMPONENT	
PRIORITY		
DDIODIEN MUMBED	DATE	COLUMBDA

PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY
2013-030559	26/12/2013	JAPAN

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				>

DESIGN NUMBER	272546	
CLASS	26-05	
1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),		

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	04/06/2015
TITLE	NIGHT LAMP
PRIORITY NA	



DESIGN NUMBER	270957
CLASS	06-01
UNDER THE PROVISION OF IND ADDRESS AT	LIC LIMITED COMPANY REGISTERED IAN COMPANIES ACT, 1956, HAVING OFFICE NG, CELLO HOUSE, SONAWALA ROAD, 063, MAHARASHTRA, INDIA
DATE OF REGISTRATION	06/04/2015
	CHAIR



PRIORITY NA

CLASS 12.15	DESIGN NUMBER	262924
CLASS 12-13	CLASS	12-15

1)FORTUNE GOLD ENTERPRISES LTD., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF REPUBLIC OF SEYCHELLES WHOSE ADDRESS IS

SUITE 13, FIRST FLOOR, OLIAJI TRADE CENTER, FRANCIS RACHEL STREET, VICTORIA, MAHE, REPUBLIC OF SEYCHELLES

DATE OF REGISTRATION	27/05/2014
TITLE	TYRE



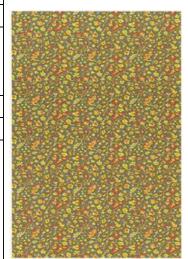
PRIORITY NA

DESIGN NUMBER	271163
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015
TITLE	TEXTILE FABRIC

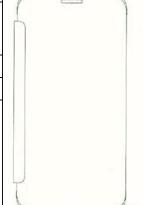


DESIGN NUMBER	272877
CLASS	14-99

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	19/06/2015
TITLE	COVER FOR MOBILE PHONE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2015-0008454	16/02/2015	REPUBLIC OF KOREA

DESIGN NUMBER	273374
CLASS	08-05

1)PAWAN AGGARWAL (INDIVIDUAL),

382, GALI MATAWALI, MAHAVEER BAZAR, TELIWADA, DELHI-110006, AN INDIAN NATIONAL

DATE OF REGISTRATION	06/07/2015
TITLE	PAPER QUILLING (THREE WHEEL CRIMPER MACHINE)



PRIORITY NA

DESIGN NUMBER	271893
CLASS	02-04

1)M/S. TRINITY POLYTECH PVT. LIMITED., WHOSE ADDRESS IS D-13/53, SECTOR-8, ROHINI NEW DELHI-110085, (INDIA), AN INDIAN NATIONAL OF THE ABOVE ADDRESS

DATE OF REGISTRATION	05/05/2015
TITLE	SOLE FOR SHOES

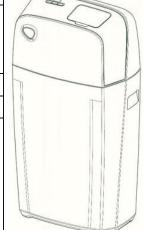


DESIGN NUMBER	271450
CLASS	23-01

1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424

OF UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM

DATE OF REGISTRATION	16/04/2015
TITLE	WATER SOFTENER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002564641-0001	27/10/2014	OHIM

DESIGN NUMBER	272544
CLASS	22-06

1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)

DATE OF REGISTRATION	04/06/2015
TITLE	MOSQUITO REPELLENT



PRIORITY NA

DESIGN NUMBER	273183
CLASS	15-06

1)M/S TAJ SEWING MACHINE CO.,

D-123-124-125, PHASE-V, FOCAL POINT, LUDHIANA, PUNJAB, INDIA AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE SH. RAJA RAM & SH. RAJINDER KUMAR AN INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	29/06/2015
TITLE	STAND FOR SEWING MACHINE



DESIGN NUMBER	203160	
CLASS	06-05	
1)MOHAMMED IKRAMULLA, NO. 580, 26TH MAIN, 30TH 'B' C BANGALORE-560 041, KARNATAK	ROSS, THILAKNAGAR, JAYANAGAR, A STATE, INDIA,	
DATE OF REGISTRATION	15/02/2006	
TITLE	FOLDING TABLE	
PRIORITY NA		
DESIGN NUMBER	204735	
CLASS	06-01	
LTD., NO. 80/69, NUNGAMBAKKAM H	ULAL JAIN, M/S ERGOMAXX (INDIA) PVT. IGH ROAD, CHENNAI. TAMILNADU, INDIA	
DATE OF REGISTRATION	24/05/2006	
TITLE	SEAT (FURNITURE)	
PRIORITY NA		TT
DESIGN NUMBER	203549	
CLASS	02-04	
	, A REGISTERED PARTNERSHIP FIRM, ANGOLPURI INDUSTRIAL AREA PHASE 1,	
DATE OF REGISTRATION	17/03/2006	Marian San
TITLE	FOOTWEAR	
PRIORITY NA		

DESIGN NUMBER	205994
CLASS	09-03

1)PATEL PLAST, AND INDIAN PROPRIETOR SHIP CONCERN, WHOSE PROPRIETOR IS JIGAR BHARATBHAI PATEL,

AN INDIAN NATIONAL, ADDRESS AT, 11, PARISHRAM BANK OF INDIA SOCIETY, OPP, VIVEKNAGAR, VIJAYNAGAR, NARANPURA, AHMEDABAD-380013, GUJARAT, INDIA

DATE OF REGISTRATION	07/09/2006
TITLE	CONTAINER
DDIODIWY NA	

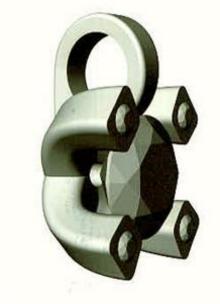


PRIORITY NA

DESIGN NUMBER	252785
CLASS	11-01
1)DE REERS CENTENARY AC OF THE ADDRESS	

1)DE BEERS CENTENARY AG, OF THE ADDRESS ALPENSTRASSE 5, 6000 LUZERN 6, SWITZERLAND

DATE OF REGISTRATION	02/04/2013
TITLE	PENDANT



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002162206	06/01/2013	OHIM

DESIGN NUMBER	253102
CLASS	13-03

1)M/S GOLDMEDAL ELECTRICALS PRIVATE LIMITED (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

A-302, KEMP PLAZA, MIND SPACE, CHINCHOLI BUNDER, OFF LINK ROAD, MALAD WEST, MUMBAI-400063, (INDIA)

DATE OF REGISTRATION	11/04/2013
TITLE	SWITCH PLATE



DESIGN NUMBER	272605
CLASS	13-03

1)PANKAJ PRAHLADBHAI PATEL, INDIVIDUAL, AN INDIAN NATIONAL, PROPRIETOR OF NEON ELECTROLIGHT, A SOLE PROPRIETARY CONCERN, NATIONALITY-INDIAN, HAVING ITS OFFICE AT

19, NILKANTH AVENUE, B/H. PALM HOTEL, NEAR S. P. RING ROAD, VIRATNAGAR ROAD, AHMEDABAD-382415, GUJARAT STATE, INDIA

DATE OF REGISTRATION	05/06/2015
TITLE	COVER FOR ELECTRIC SWITCH



PRIORITY NA

DESIGN NUMBER 262927	
CLASS 12-15	

1)FORTUNE GOLD ENTERPRISES LTD., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF REPUBLIC OF SEYCHELLES WHOSE ADDRESS IS

SUITE 13, FIRST FLOOR, OLIAJI TRADE CENTER, FRANCIS RACHEL STREET, VICTORIA, MAHE, REPUBLIC OF SEYCHELLES

DATE OF REGISTRATION	27/05/2014
TITLE	TYRE



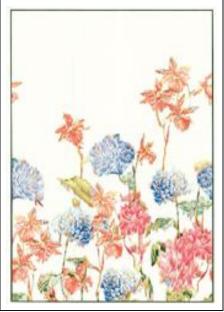
PRIORITY NA

DESIGN NUMBER	271950
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



271178
31-00

1)SHRI.D. DEVARAJAN., INDIAN NATIONAL, LEGAL AGED, SOLE PROPRIETOR M/S. DEV INTERNATIONAL,

15, DOCTOR THOTTAM, KALAPPATTI-KURUMBAPALAYAM ROAD, COIMBATORE-641048, TAMIL NADU, INDIA

DATE OF REGISTRATION	07/04/2015
TITLE	GRINDER



PRIORITY NA

DESIGN NUMBER	270956
CLASS	06-01

1)WIM PLAST LIMITED, A PUBLIC LIMITED COMPANY REGISTERED UNDER THE PROVISION OF INDIAN COMPANIES ACT, 1956, HAVING OFFICE ADDRESS AT

CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA

DATE OF REGISTRATION	06/04/2015
TITLE	CHAIR



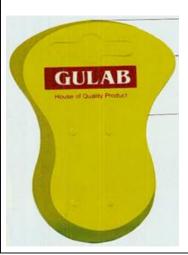
PRIORITY NA

DESIGN NUMBER	271762
CLASS	19-08

1)ARVIND DALICHAND KHANDELWAL (INDIAN NATIONAL) OF

 $42,\,\mathrm{GROUND}$ FLOOR, SHRILALJI BUILDING, PLOT $8/12,\,\mathrm{BHASKAR}$ LANE, BHULESHWAR KALBADEVI, CITY GREATER, MUMBAI-400002, MAHARASHTRA, INDIA

DATE OF REGISTRATION	28/04/2015
TITLE	TAG



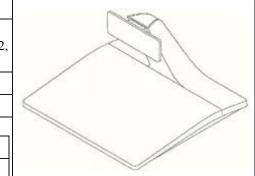
DESIGN NUMBER	262923
CLASS	12-15
EXISTING UNDER THE LAWS OF READDRESS IS	ADE CENTER, FRANCIS RACHEL STREET,
DATE OF REGISTRATION	27/05/2014
TITLE	TYRE
PRIORITY NA	
DESIGN NUMBER	271161
CLASS	05-05
UNDER THE PROVISION OF COMPAREGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PANI DATE OF REGISTRATION	
TITLE	TEXTILE FABRIC
PRIORITY NA	
DESIGN NUMBER	271280
CLASS	09-01
LONI ROAD, DELHI-110094, INDIA	AMAR COLONY, EAST GOKAL PUR, M WHOSE PROPRIETOR IS:- SH. HIMANSHU ABOVE ADDRESS
DATE OF REGISTRATION	09/04/2015
TITLE	BOTTLE
JAIN AN INDIAN NATIONAL OF THE A DATE OF REGISTRATION	ABOVE ADDRESS 09/04/2015

DESIGN NUMBER	272875
CLASS	14-99

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION		19/06/2015
TITLE		STAND FOR MONITOR
PRIORITY		
PRIORITY NUMBER	DATE	COUNTRY



30-2014-0063475	26/12	2/2014	REPUBLIC OF KOREA	
DESIGN NUMBER			273357	

06-01

1)ANITA	AGGARWAL

D-48, SECTOR-47, NOIDA-201301, U.P, INDIA

	D 40, SECTOR 47, NOID11 201301, C.I., INDII1	
DAT	ΓΕ OF REGISTRATION	04/07/2015
TIT	LE	CHAIR



PRIORITY NA

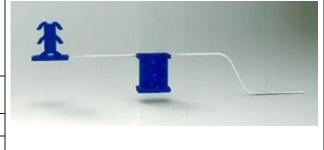
CLASS

DESIGN NUMBER	260554
CLASS	08-07

1)N. G. TREXIM PVT. LTD. (AN INDIAN PRIVATE COMPANY DULY INCORPORATED UNDER THE INDIAN COMPANIES ACT 1956),

OF 29B RABINDRA SARANI, 3RD FLOOR, ROOM NO.1/E, KOLKATA-700073

DATE OF REGISTRATION	21/02/2014
TITLE	SEAL
PRIORITY NA	



DESIGN NUMBER	271490
CLASS	23-02

1)M/S HYGIENE PRODUCTS, A PROPRIETORSHIP FIRM

OF 69A/24, VRINDAVAN SOCIETY, THANE WEST-400601, MAHARASHTRA, WHOSE PROPRIETOR IS MR. VISHNU RAJESH CHANDAK

DATE OF REGISTRATION	17/04/2015
TITLE	TOILET SEAT HANDLE



PRIORITY NA

DESIGN NUMBER	272366
CLASS	06-04

1)SMT. PREETI CHHAJER W/O. SH. DIPIT CHHAJER (NATIONALITY-INDIAN) TRADING AS M/S. HOME SENSE INTERNATIONAL IT IS INDIAN FIRM

AT 16 B, 3RD HEAVY INDUSTRIAL AREA, JODHPUR (RAJASTHAN) NATIONALITY-INDIAN

DATE OF REGISTRATION	26/05/2015
TITLE	SHELVES

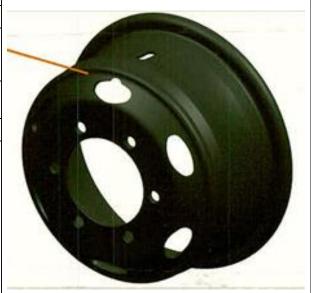


PRIORITY NA

DESIGN NUMBER	269039	
CLASS	12-16	

1)WHEELS INDIA LIMITED, HAVING PLACE OF BUSINESS AT PADI, CHENNAI-600 050, TAMILNADU, NATIONALITY OF INDIAN

DATE OF REGISTRATION	22/01/2015	
TITLE	WHEEL RIM FOR VEHICLES	



DESIGN NUMBER	268816
CLASS	12-16

1)IOCHPE-MAXION S.A., A COMPANY ORGANIZED AND EXISTING UNDER THE BRAZILIAN LAW, OF

AV. MAJOR JOSÉ LEVY SOBRINHO, 2700, JARDIM NEREIDE, 13486-190 -LIMEIRA - SP, BR-BRAZIL

DATE OF REGISTRATION	12/01/2015
TITLE	WHEEL CAP

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
BR302014003901-6	12/08/2014	BRAZIL

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27,124				
Control of the Contro				
	L.K.			

DESIGN NUMBER	204745
CLASS	06-01

1)B. PRAVEEN BOHRA, S/O BABULAL JAIN, M/S ERGOMAXX (INDIA) PVT. LTD.,

NO. 80/69, NUNGAMBAKKAM HIGH ROAD, CHENNAI. TAMILNADU, INDIA

DATE OF REGISTRATION	24/05/2006
TITLE	SEAT (FURNITURE)



PRIORITY NA

DESIGN NUMBER	203204	
CLASS	09-03	

1)LION DATES IMPEX (P) LTD., A PRIVATE LIMITED COMPANY, REGISTERED AS PER INDIAN COMPANIES ACT,

HAVING OFFICE AT NO: 4-A/3, CAUVERY ROAD, TRICHY-620 002, TAMIL NADU, INDIA

DATE OF REGISTRATION	20/02/2006
TITLE	CONTAINER





DESIGN NUMBER		204156	
CLASS		13-03	7/13/2 / 1///////
1)LEGRAND SNC, A FRENCH OF 128, AVENUE DU MARECI FRANCE		SSIGNY, 87000, LIMOGES,	
DATE OF REGISTRATION	25	25/04/2006	
TITLE	COVER PLATE F	COVER PLATE FOR ELECTRIC SWITCH	
PRIORITY NA			
DESIGN NUMBER		252786	
CLASS		11-01	
1) DE BEERS CENTENARY AG ALPENSTRASSE 5, 6000 LUZE			
DATE OF REGISTRATION	02	2/04/2013	
TITLE	PI	PENDANT	
PRIORITY			
PRIORITY PRIORITY NUMBER	DATE	COUNTRY	

DESIGN NUMBER	206606
CLASS	12-03
1)POLYSET PLASTICS PVT. LTD., INDIAN COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956, WHOSE ADDRESS IS 11-A, MEHTA INDUSTRIAL ESTATE, 1ST FLOOR, CROSSING OF J.P. ROAD NO. 2 & I.B. PATEL ROAD, GOREGAON (E), MUMBAI-63, MAHARASHTRA, INDIA.	
DATE OF DECIGED ATTOM	10/10/2006

DATE OF REGISTRATION	18/10/2006
TITLE	AXLE BOX FRONT COVER
PRIORITY NA	



DESIGN NUMBER	253104
CLASS	13-03

1)M/S GOLDMEDAL ELECTRICALS PRIVATE LIMITED (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

A-302, KEMP PLAZA, MIND SPACE, CHINCHOLI BUNDER, OFF LINK ROAD, MALAD WEST, MUMBAI-400063, (INDIA)

DATE OF REGISTRATION	11/04/2013
TITLE	SWITCH PLATE



PRIORITY NA

DESIGN NUMBER	271953
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

GCTHAII	
DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC
PRIORITY NA	



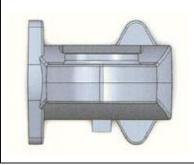
PRIORITY	NA
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DESIGN NUMBER	271179
CLASS	15-02

1)MR. R. CHANDRA SEKAR S/O. R. RAGUPATHY., INDIAN NATIONAL, LEGAL AGED, RESIDING AT M/S. HYDROMAX INDUSTRIES,

S.F.NO. 372/2, JOTHI NAGAR, 5TH STREET, COIMBATORE-641015, TAMIL NADU, INDIA

DATE OF REGISTRATION	07/04/2015
TITLE	PUMP CASING
PRIORITY NA	



DESIGN NUMBER	208240
CLASS	15-99

1)SAHAJANAND TECHNOLOGIES PRIVATE LIMITED. A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956,

HAVING ITS OFFICE AT SAHAJANAND HOUSE, PARSI STREET, SAIYEDPURA, SURAT-395 003, GUJARAT.

DATE OF REGISTRATION	05/02/2007
TITLE	DIAMOND AND GEMSTONE MEASUREMENT MACHINE



PRIORITY NA

DESIGN NUMBER	271719
CLASS	10-05

1)LAKHBIR SINGH,

H. NO. 102, W. NO. 6, BHUCHO MANDI, DISTT. BATHINDA-151001 (PUNJAB) INDIA BEING INDIAN NATIONALS OF THE ABOVE ADDRESS

DATE OF REGISTRATION	27/04/2015
TITLE	SECRET SECURITY DEVICE

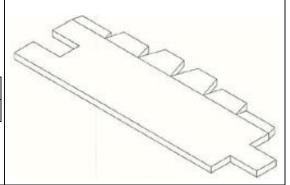


PRIORITY NA

DESIGN NUMBER	263664	
CLASS	12-16	
1)IBIDEN CO., LTD., A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN OF 1, KANDACHO 2-CHOME, OGAKI-SHI, GIFU, JAPAN		
DATE OF REGISTRATION	25/06/2014	
TITLE	HEAT INSULATING MEMBER FOR EXHAUST PIPE COMPONENT	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-030610	26/12/2013	JAPAN



DESIGN NUMBER	273199
CLASS	09-05

1)NARESH KUMAR BAJAJ, TRADING AS SHREE PRODUCTS, A HUF HAVING PLACE OF BUSINESS AT

68, TRIVENI COLONY MAIN, INDORE-452002, MADHYA PRADESH

DATE OF REGISTRATION	30/06/2015
TITLE	PLASTIC PACKAGE



PRIORITY NA

DESIGN NUMBER	253105
CLASS	13-03

1)M/S GOLDMEDAL ELECTRICALS PRIVATE LIMITED (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),

A-302, KEMP PLAZA, MIND SPACE, CHINCHOLI BUNDER, OFF LINK ROAD, MALAD WEST, MUMBAI-400063, (INDIA)

DATE OF REGISTRATION	11/04/2013
TITLE	SWITCH PLATE



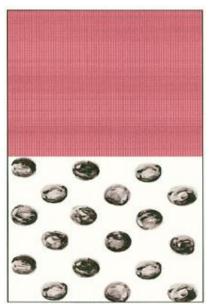
PRIORITY NA

DESIGN NUMBER	271954
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



DESIGN NUMBER	208051
CLASS	09-05

1)NENIMEMI FOODS PVT. LTD.

OF NEAR HATHODA BUJURG, SHAHJAHANPUR-242001, U.P., AN INDIAN COMPANY

DATE OF REGISTRATION	22/01/2007
TITLE	SACHET



PRIORITY NA

DESIGN NUMBER	272458
CLASS	02-04

1)KAPUR RUBBER INDUSTRIES,

A-4, MANGOLPURI INDUSTRIAL AREA, PHASE-II, DELHI-110034, INDIA [AN INDIAN PARTNERSHIP FIRM], WHOSE PARTNERS ARE ASHWANI KAPOOR & PARVEEN KAPOOR, BOTH INDIAN NATIONAL AND AT THE SAME ABOVE ADDRESS

DATE OF REGISTRATION	02/06/2015
TITLE	FOOTWEAR



DESIGN NUMBER	204744
CLASS	06-01
1)B. PRAVEEN BOHRA, S/O BABULAL JAIN, M/S ERGOMAXX (INDIA) PVT. LTD., NO. 80/69, NUNGAMBAKKAM HIGH ROAD, CHENNAI. TAMILNADU, INDIA	
DATE OF REGISTRATION	24/05/2006
TITLE	SEAT (FURNITURE)
PRIORITY NA	



DESIGN NUMBER	204127
CLASS	21-03

1)H.J. SIWANI, PARTNER, H.M. LEISURE,

H.M. GENEVA HOUSE, NO.14, CUNNINGHAM ROAD, BANGALORE, KARNATAKA STATE, PIN – 560 052, INDIA, INDIAN

DATE OF REGISTRATION	12/05/2006
TITLE	ELECTRONIC REDEMPTION MACHINES



PRIORITY NA

09-01

1)WELLKRAFT CONSULTING PRIVATE LIMITED A COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956, WHOSE ADDRESS IS

NO. 121/1, NEW NO. 34, EAST MADA STREET, KOYAMBEDU, CHENNAI 600107, INDIA

DATE OF REGISTRATION	20/11/2014
TITLE	BOTTLE



DESIGN NUMBER	253099
CLASS	13-03
1)M/S GOLDMEDAL ELECTRICALS PRIVATE LIMITED (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT), A-302, KEMP PLAZA, MIND SPACE, CHINCHOLI BUNDER, OFF LINK ROAD, MALAD WEST, MUMBAI-400063, (INDIA)	
DATE OF REGISTRATION	11/04/2013
TITLE	SWITCH PLATE
PRIORITY NA	



DESIGN NUMBER	270253
CLASS	05-05

1)MR. BHARAT D SHETHIA; AN INDIAN NATIONAL, HAVING HIS OFFICE AT

1ST FLOOR, C/O C JAIRAM & CO., BEHIND SEWRI BUS DEPOT, SITARAM MURAI ROAD, OPP T K INDUSTRIAL ESTATE, SEWRI WEST, MUMBAI-400015, INDIA

DATE OF REGISTRATION	11/03/2015
TITLE	TEXTILE FABRIC



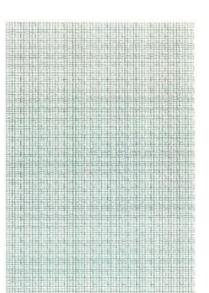
PRIORITY NA

DESIGN NUMBER	271943
CLASS	05-05
1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED	

UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	06/05/2015
TITLE	TEXTILE FABRIC



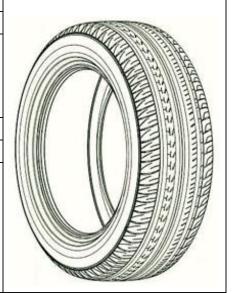
PRIORITY NA

DESIGN NUMBER	262926
CLASS	12-15

1)FORTUNE GOLD ENTERPRISES LTD., A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF REPUBLIC OF SEYCHELLES WHOSE ADDRESS IS

SUITE 13, FIRST FLOOR, OLIAJI TRADE CENTER, FRANCIS RACHEL STREET, VICTORIA, MAHE, REPUBLIC OF SEYCHELLES

DATE OF REGISTRATION	27/05/2014
TITLE	TYRE

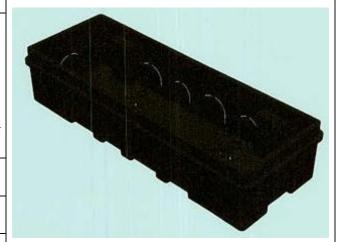


DESIGN NUMBER	272336
CLASS	13-03

1)BHAGYA LAXMI INDUSTRIES, INDIAN PROPRIETORSHIP FIRM HAVING PRINCIPAL PLACE OF BUSINESS AT

PLOT NO. 71, BALAJI INDUSTRIAL AREA, MANDA DUNGAR, BHAVNAGAR ROAD, RAJKOT, GUJARAT, INDIA AND HAVING PROPRIETOR SMT. GAURIBEN JIVRAJBHAI PATEL, RESIDING AT OM, SHIVRANJANI PARK, B.H. RANCHHODDAS ASHRAM, KUVADVA ROAD, RAJKOT, INDIAN NATIONALS

DATE OF REGISTRATION	25/05/2015
TITLE	MODULAR BOX FOR ELECTRIC PURPOSE



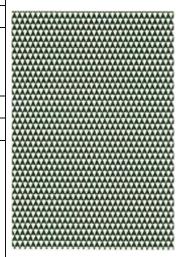
PRIORITY NA

DESIGN NUMBER	271173
CLASS	05-05

1)SIDDHI VINAYAK KNOTS & PRINTS PVT. LTD. A COMPANY REGISTERED UNDER THE PROVISION OF COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT

A-26, CENTRAL PARK, GIDC, PANDESARA, SURAT-394221 GUJARAT

DATE OF REGISTRATION	07/04/2015
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	273395
CLASS	08-09

1)(1) CHIRAGBHAI JENTILAL VAISHNANI AND (2) UMESHBHAI JENTIBHAI SOLANKI, BOTH INDIAN NATIONAL, HAVING THEIR PLACE OF BUSINESS AT M/S. SARTHI PLASTIC (A PARTNERSHIP FIRM),

NAVRANGPURA MAIN ROAD, STREET NO. 08, NR. BANARSI CHOWK, MAVDI PLOT, RAJKOT-360004 (GUJARAT) (INDIA)

DATE OF REGISTRATION	06/07/2015
TITLE	DOOR CATCHER
PRIORITY NA	



DESIGN NUMBER	271793
CLASS	09-01
1)PRAKASH MAGILALJI BORANA PROPRIETOR OF M/S. SKY INDUSTRIES,	

1)PRAKASH MAGILALJI BORANA PROPRIETOR OF M/S. SKY INDUSTRIES, 112-A TIRUPATI UDYOG NAGAR, SATIVALI ROAD, VASAI (E), DIST. THANE, MAHARASHTRA, INDIA OF ABOVE ADDRESS

DATE OF REGISTRATION	29/04/2015
TITLE	BOTTLE



PRIORITY NA

DESIGN NUMBER	271492
CLASS	07-04

1)ASHOKBHAI BALJIBHAI SORATHIYA AN INDIAN NATIONAL AND HAVING ADDRESS

AT "I SHREE KHODIYAR: SHREE RAM PARK SOCIETY, STREET NO. 3, OPP. NAVNEET HALL, HARIDHAVA MAIN ROAD, KOTHARIYA ROAD, RAJKOT-360002 (GUJARAT) INDIA

DATE OF REGISTRATION	17/04/2015
TITLE	APPLIANCE FOR PRESSING DOUGH



PRIORITY NA

DESIGN NUMBER	204377
CLASS	28-02

1)THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF OHIO,

OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO UNITED STATES OF AMERICA

DATE OF REGISTRATION		18/11/2005	
TITLE		DETERGENT PARTICLE	
PRIORITY			
PRIORITY NUMBER	DA	ΓЕ	COUNTRY
433198	18/1	1/2005	EUROPEAN COMMUN

