

पेटेंट कार्यालय  
का  
शासकीय जर्नल

**OFFICIAL JOURNAL  
OF  
THE PATENT OFFICE**

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निर्गमन सं. 25/2013  
ISSUE NO. 25/2013

शुक्रवार  
FRIDAY

दिनांक: 21/06/2013  
DATE: 21/06/2013

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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

## **INTRODUCTION**

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

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

21<sup>st</sup> JUNE, 2013

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**THE PATENT OFFICE  
KOLKATA, 21/06/2013**

**Address of the Patent Offices/Jurisdictions**

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

<p><b>1</b> Office of the Controller General of Patents, Designs &amp; Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: <a href="mailto:cgpdtm@nic.in">cgpdtm@nic.in</a></p>	<p><b>4</b> The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai - 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a></p> <p>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</p>
<p><b>2</b> The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a></p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu &amp; Dadra and Nagar Haveli</p>	<p><b>5</b> The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: <a href="mailto:kolkata-patent@nic.in">kolkata-patent@nic.in</a></p> <p>❖ Rest of India</p>
<p><b>3</b> The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi - 110075</p> <p>Phone: (91)(11) 2808 1921 - 25 Fax: (91)(11) 2808 1920 &amp; 2808 1940 E.mail: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a></p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>	

Website: [www.ipindia.nic.in](http://www.ipindia.nic.in)  
[www.patentoffice.nic.in](http://www.patentoffice.nic.in)

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

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

**पेटेंट कार्यालय**  
**कोलकाता, दिनांक 21/06/2013**  
**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 हैं :-

1	कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: <a href="mailto:cgpdtn@nic.in">cgpdtn@nic.in</a>	4	पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a> ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप
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3	पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a> ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

वेबसाइट: <http://www.ipindia.nic.in>  
[www.patentoffice.nic.in](http://www.patentoffice.nic.in)

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाएँ, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे ।

शुल्क: शुल्क या तो नकद 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 हैं ।

## **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.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

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

## **SPECIAL NOTICE**

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

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

## **SPECIAL NOTICE**

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

## **Early Publication:**

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

(12) PATENT APPLICATION PUBLICATION (21) Application No.1471/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :17/05/2013 (43) Publication Date : 21/06/2013

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(54) Title of the invention : A PROCESS FOR PREPARATION AN INSTANT TYPE FRUIT/CHOCOLATE FLAVOURED PORRIDGE AND PRODUCT THEREOF

---

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SKB FOOD FRODUCTS (P) LTD.</b>
(32) Priority Date	:NA	Address of Applicant :D-4, SMA INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	G.T. KARNAL ROAD, DELHI-110033 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SUDHIR GUPTA</b>
(87) 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 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, fruit or chocolate flavours, glucose and dextrose in a mixer(c) Grinding of the obtained mixture (d) Roasting of the product obtained after grinding.

No. of Pages : 7 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1328/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC POWER STEERING SYSTEM FOR FARM AND UTILITY TRACTORS

(51) International classification

:B23B

(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)SONA KOYO STEERING SYSTEMS LTD.**

Address of Applicant :38/6, DELHI JAIPUR ROAD, N.H.

8, GURGAON-122001, INDIA

(72)Name of Inventor :

**1)KIRAN MANOHAR DESHMUKH**

**2)RAVINDRA NATH SHARMA**

(57) Abstract :

An Electric Power Steering System for Farm and Utility Tractors An electric power steering system for farm and utility tractors segment incorporates a unique and innovative electric power steering module (13) between steering gear box (4A) and steering shaft (2) of the manual steering system, thus, making it a safe and much more reliable power steering system for tractors since it also has mechanical linkages present between various components. The electric power steering module (13) provides steering assist to the driver and is connected to steering shaft (2) via coupler inside upper bracket (12) and to steering gear box (4A) via coupler inside lower bracket (14). The electric power steering module (13) has a torsion bar (13d), an integrated torque sensor and integrated electronic control unit assembly (13s) on a printed circuit board for cost effective design, a motor (Dr) and a robust reduction gear train comprising motor pinion(130), intermediate gear(13m), intermediate pinion(13I), and output Gear(13c) mechanism.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3814/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :12/12/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTINUOUS TAMPER-PROOF ENERGY METER CASE/COVER

(51) International classification

:G01B

(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)LANDIS+GYR LIMITED**

Address of Applicant :C-48, SECTOR-57, NOIDA UTTAR

PRADESH, INDIA

(72)Name of Inventor :

**1)PAL, SUBHADIP**

(57) Abstract :

The present invention relates to a continuous tamper-proof energy meter case / cover, said tamper-proof case / cover comprising of: a) a first part which houses the energy meter; and b) a second part, comprising of a block and a bar code level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1727/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : AIR CONDITIONING SYSTEM FOR HEATING, COOLING AND/OR VENTILATING AN INNER SPACE OF A PASSENGER CARRIAGE

(51) International classification	:B61D27/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SIGMA COACHAIR GROUP PTY LTD.</b>
(32) Priority Date	:NA	Address of Applicant :11 MELLWRAITH STREET 2164
(33) Name of priority country	:NA	WETHERILL PARK, AUSTRALIA
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DAVID, CHEN</b>
(87) International Publication No	:N/A	
(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 a method for operating air conditioning system in an inner space of a passenger carriage. The method includes monitoring the inner space to determine whether smoke indicating a fire is present or not. Further, the method includes operating the system under standard operating condition, in which a main air stream is formed as a ratio of a fresh-air stream sucked in from atmosphere and of a circulating-air stream sucked in from the inner space and is cooled or heated to route into the inner space. Furthermore, in the event of smoke indicating a fire is detected in the inner space, the direction of flow of the main air stream is reversed, to mix or suck smoke-laden air from the inner space into the main air stream having a reversed direction of flow, and the main air stream is then discharged into the atmosphere.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1974/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 21/06/2013

(54) Title of the invention : BULK HETEROJUNCTION DONOR-ACCEPTOR TYPE ORGANIC SOLAR CELL USING CARBON ONIONS AND/OR GRAPHITIC CARBON NANOPARTICLES AS ELECTRON ACCEPTOR AND TRANSPORTER

(51) International classification :H01L51/00  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
**1)DR. SAVITA PRAKASH SOMANI**  
Address of Applicant :VIJAYNAGAR, BLD. NO. 3, B-14,  
DHAYARI, NEAR DHARESHWAR MANDIR, SINHGAD  
ROAD, PUNE - 411041, MAHARASHTRA, INDIA.  
**2)DR. PRAKASH RAVINDRA SOMANI**  
(72)Name of Inventor :  
**1)DR. PRAKASH RAVINDRA SOMANI**  
**2)DR. SAVITA PRAKASH SOMANI**

(57) Abstract :

Bulk Heterojunction Donor-Acceptor (D-A) type Organic Solar Cell using Carbon Onions and / or Graphitic Carbon Nanoparticles as Electron Acceptor and transporter. Conducting polymers or p-type small organic / organometallic molecules are used as Electron Donors and hole transporters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2548/MUM/2008 A

(19) INDIA

(22) Date of filing of Application :05/12/2008

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR OVERLOAD PROTECTION IN ELECTRIC VEHICLES AND CONTROL SYSTEMS THEREOF

(51) International classification	:H01H71/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ELECTROTHERM (INDIA) LTD ,</b>
(32) Priority Date	:NA	Address of Applicant :72, PALODIA, VIA THALTEJ,
(33) Name of priority country	:NA	AHMEDABAD-382 115, Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MUKESH BHANDARI</b>
(87) International Publication No	:N/A	
(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 control system and a method for protecting overload conditions in electric vehicles, said control system comprises a microcontroller (102), a temperature sensor (114) for measuring an instant temperature of the controller, a current sensor (124) for measuring an instant current drawn by the motor (104), wherein said microcontroller comprises a comparator circuit configured to issue a first signal based on comparison of the instant temperature of the controller with a maximum/minimum predetermined temperature of the controller, an over current detection circuit configured to issue a second signal based on comparison of the instant current drawn by the motor (104) with a predetermined current limit of the controller, and a cut-off circuit for restricting supply of current to the motor (104) based upon issuance of said first and second signal. Also, the overload condition of vehicle is notified to driver by way of dashboard indication and ON/OFF operation of the motor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2052/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : GORBY'S SHAVING BRUSH WITH CREAM/GEL & AFTER SHAVE CONTAINER

(51) International classification	:A45D27/00, A46B11/00	(71) <b>Name of Applicant :</b> <b>1)MR. GURBUX WADHWANI</b> Address of Applicant :31/1, A, POWAI CHOWK, MULUND COLONY MULUND WEST, MUMBAI - 400082, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MR. GURBUX WADHWANI</b>
(87) International 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 Complete Gorbys Shaving Experience Comprises of Shaving Brush with Extra soft Bristles, An Empty Refill-able Container for Gel or Cream & a container of After Shave Lotion. Shaving Brush would be attached to the Refill-able Container of Gel or Cream through which the Gel or Cream dispenser roller will push the Gel or Cream directly to the centre of Shave Brush Bristles. The After Shave Lotion container will be attached below the Gel or Cream Container to Facilitate consumer for Better Shaving Experience. The present Innovative Gorbys Shaving Experience is generally for Shaving Brushes, and more particularly relates to shaving brushes receiving controlled amounts of shaving Gel or Cream from an attached container of shaving Gel or Cream.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1988/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : A HIGH YIELD, HIGH PURITY ECO-FRIENDLY INDUSTRIAL PROCESS FOR THE PREPARATION OF BUPRENORPHINE AND ITS INTERMEDIATES.

(51) International classification	:C07D489/12; C07D489/00	(71) <b>Name of Applicant :</b> <b>1)RUSAN PHARMA LIMITED</b> Address of Applicant :58-D, GOVERNMENT INDUSTRIAL ESTATE, CHARKOP, KANDIVALI (WEST), MUMBAI - 400 067, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SAXENA, NAVIN SATYAPAL</b>
(87) International Publication No	: NA	<b>2)SAXENA, KUNAL</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SATA, KAUSHIK BABUBHAI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an efficient industrial process for the preparation of 21-cyclopropyl-7a-(2-hydroxy-3,3-dimethyl-2-butyl)-6,14-endo-ethano-6,7,8,14-tetrahydro-oripavine, i.e Buprenorphine of Formula-I in high yield and purity, with enhanced safety and eco-friendly norms. The invention further relates to an improved process for preparation of intermediates thereof in high yield and purity.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.886/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVELOPMENT OF TECHNOLOGY FOR PRODUCTION OF AONLA CANDY

(51) International classification	:A23L2/02; A23L2/60	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MARATHWADA KRISHI VIDYAPEETH</b>
(32) Priority Date	:NA	Address of Applicant :KRISHI NAGAR, PARBHANI,
(33) Name of priority country	:NA	431402 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)PROF. P.N. SATWADHAR</b>
(87) International Publication No	: NA	<b>2)PROF. H. W. DESHPANDE</b>
(61) Patent of Addition to Application	:NA	<b>3)MR. B.A. JADHAV</b>
Number	:NA	<b>4)MR. K. A. SYED</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a confectionary product prepared form Anola [Emblica officinalis) which make it sweet, palatable, or agreeable as transparent candy by fortification with natural colorants, additives like preservatives , crispness agents, firming agents, optionally, Anola {Emblica officinalis) is fortified with the ginger (Zingiber officinale).

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2026/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 21/06/2013

(54) Title of the invention : HERBAL MOSQUITO REPELLENT.

(51) International classification	:A01N25/02; A01N65/36	(71) <b>Name of Applicant :</b> <b>1)SANDGE, ARUN</b> Address of Applicant :FLAT NO.101, 1ST FLOOR NEAR SAMBHAJI PARK, BEHIND SHIV MANDIR, BHOIR NAGAR, MULUND(EAST) MUMBAI-400081 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SANDGE, ARUN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparation of herbal mosquito repellent comprising of mixing orange powder and wood chip are mixed together for a period of one week in a plastic airtight bag followed by prefacing of tulas powder; azadirachta indica powder and camphor powder. The composition is herbal, safe, effective, non toxic. harmless and affordable for common people.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2042/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : NATURE FRIENDLY GARBAGE DISPOSAL SYSTEM

(51) International classification	:C02F11/12	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)GANESH PANDURANG TAMBE</b>
(32) Priority Date	:NA	Address of Applicant :3184, SAGE SOYARE CHAWL,
(33) Name of priority country	:NA	NEAR PANKAJ KIRANA STORES, MAHALAXMI NAGAR,
(86) International Application No	:NA	AMBARNATH (E), 421 501, DIST - THANE,
Filing Date	:NA	MAHARASHTRA, INDIA
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)GANESH PANDURANG TAMBE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention pertains to an improved collection of Bio-degradable & recyclable waste in respect to Solid Waste. More particularly, The present invention pertains to a process for wet garbage to be converted into dry garbage, comprising: a) collecting mixed waste in bin; b) percolating water; c) removing liquid from a wet solid or sludge; d) preparing sludge for next process of dehydration. The invention further pertains to a nature care bin for removing liquid from a wet solid or sludge, comprising: e) a collector container f) a big sieve basket; g)big.rectangular sieve; h) fabricated plates inside the bag which acts as a platform

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2156/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :07/09/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : JUXTA OBJECT INTERNAL IMAGE SENSOR ELECTROMAGNETIC RINGS ENHANCED ENDOSCOPE

(51) International classification	:A61B1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR.R.RAJA SUBRAMANIAN</b>
(32) Priority Date	:NA	Address of Applicant :F1, ANIRA APARTMENT, 7,
(33) Name of priority country	:NA	KAVERI STREET, SALIGRAMAM, CHENNAI - 93. Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)DR.R.RAJA SUBRAMANIAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Juxta Object Internal Image sensor Electromagnetic rings enhanced Endoscope has head, neck and body areas. The head has the tiny camera of 1mm size and a tiny light source. The connecting cables pass through the neck along with the tube passages which serve various purposes like suctioning, delivery of oxygen, injecting the dye, medications etc., the neck can be bent with the help of the electromagnetic rings that are arranged inside the outer and inner covers. The body carries the cables for the rings along with the image cables and light cables and the tube passages. At the Proximal end of the endoscope an internal battery is placed. The image is enhanced and transmitted out via wire or wireless method. The endoscope is of uniform diameter throughout from the distal to the proximal end.

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2068/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A GENETICALLY MODIFIED MICROORGANISM, A PROCESS AND METHODS FOR PRODUCTION OF ISOBUTANOL

(51) International classification	:C12N, C12P7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)CELLWORKS RESEARCH INDIA PVT. LTD</b>
(32) Priority Date	:NA	Address of Applicant :3rd floor West Wing Neil - Rao
(33) Name of priority country	:NA	Tower• 1 B Road # 3 EPIP Whitefield Bangalore - 560 066
(86) International Application No	:NA	Karnataka India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SANTANU DATTA</b>
(61) Patent of Addition to Application	:NA	<b>2)KADAMBI SARANGAPANI RAMANUJAN</b>
Number	:NA	<b>3)ANAND ANANDKUMAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to an architecture of energy redistribution that can sustain the increased formation of cofactors like NADH/NADPH and key metabolites like pyruvate that are implicated in the production of isobutanol through biotransformation.

No. of Pages : 60 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2469/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATED ACTIVE FLOW CONTROL SYSTEM BASED ON FLUIDIC OSCILLATORS

(51) International classification	:F15C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)FAYAZ RASHEED</b>
(32) Priority Date	:NA	Address of Applicant :KALPANA, PALACE WARD,
(33) Name of priority country	:NA	ALAPPUZHA - 688 011 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)FAYAZ RASHEED</b>
(87) International 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 :

Active flow control technologies have been employed over the years, including the use of blowing and suction control techniques for the control of separation of flow over a surface such as a wing surface can produce increase in the lift and increase in the overall fuel efficiency of the aircraft. Fluidic oscillators are devices which produce oscillating output flow which can be used for effective flow control. These fluidic devices have no moving parts and hence can be used for long periods with low maintenance requirements. The present invention encompasses an automated system which can automatically control flow on the surface of an aerofoil section such as an aircraft wing at varied free stream flow velocities and at varied angles of attack. The system comprises of an array of fluidic oscillators with built-in feedback loop, a pressurization chamber, a dedicated on-board computer, pressure regulator valves and pressure sensors. Use of an array of fluidic oscillator with built-in feedback loops in aircraft wings helps in low-maintenance requirements over long periods of time. The required value of input pressure which are to be supplied to the fluidic oscillator to obtain the desired flow separation control are preset in the on-board computer, for a give free stream velocity, for a given angle of attack, for a given design of aerofoil section and for a given fluidic oscillator dimensions. The values of the free stream velocity and the angle of attack are fed into the computer from the gyro sensors and the air speed sensors on-board the aircraft. The corresponding pressure of air from the engine bleed valve can be released into the array of fluidic oscillators. The fluidic oscillator then produces the necessary switching frequency and exit flow velocities so as to produce the required flow control.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2756/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/07/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NON INVASIVE GLUCOMETER FOR MEASURING BLOOD GLUCOSE LEVELS IN DIABETIC PATIENTS WITHOUT PHYSICAL BLOOD SAMPLE USING NIR (NEAR INFRA RED LIGHT)

(51) International classification	:A61B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ANTONY ANEEL JOSEPH</b>
(32) Priority Date	:NA	Address of Applicant :NO. 3250, 21ST B CROSS,
(33) Name of priority country	:NA	VIJAYANAGAR 2ND STAGE, MYSORE - 570 017 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	<b>2)GUNDU HIRISAVE RAMA RAO</b>
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)ANTONY ANEEL JOSEPH</b>
Filing Date	:NA	<b>2)GUNDU HIRISAVE RAMA RAO</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Non invasive measurement of blood glucose in diabetic patients by using (Near Infra Red-NIR) NIR- emitter and silicon photo detector with wave length of 100 to 1100 nm. The emitter is an 940nm IR LED and the detector is a photodiode chip with 1100nm wave length. The emitter and the detector are built as a Glucometer which is integrated with a microprocessor and display and power supply, to make an instrument which has a window through which the NIR is emitted where the finger or any body part like earlobe, cheek, finger, wrist can be placed to measure the blood glucose levels. The instrument measures the absorbance of NIR in the blood and displays the readings on the display as ADC(analogue to digital values) which is computed to the blood glucose levels in Mg/dl. and displayed on the instrument or computer screen using proprietary software application.

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

(54) Title of the invention : TRIPLET CLUSTERING AND COMPUTING THE HETEROGENEOUS-MATTERS OF UNIVERSE

(51) International classification	:G21K	(71)Name of Applicant :
(31) Priority Document No	:987/MAS/99	<b>1)JOHNSON JAYAKAR JOSEPH</b>
(32) Priority Date	:11/10/1999	Address of Applicant :JOHNSONS MEDICOM PVT LTD,
(33) Name of priority country	:India	9-55/38 A 2, JJM COMPLES, MAIN ROAD, KUZHITHURAI
(86) International Application No	:PCT/IB2008/003574	- 629 163 Tamil Nadu India
Filing Date	:19/12/2008	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)JOHNSON JAYAKAR JOSEPH</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:157/MAS/2000	
Filed on	:25/02/2000	

(57) Abstract :

All heterogeneous-matters with or without their embedded sub-matters, can be clustered in triplets or in triplets and sub-triplets of triplets coherently by their differential-mass and differential-spins that are related with the mass and dynamics of the other heterogeneous- matters of the Universe. Such triplet matters in which one of the matter invariably static in reference with the spin of the other two and this triplet matter is assigned as Cluster-matter. By this top-to-bottom approach, the Universe is assigned a cluster-matter with infinite strata of cluster-matters embedded within it. That is, the outermost Stratum of the Universe is a Single cluster-matter whereas the innermost Stratum contains infinite number of sub-cluster-matters. Any cluster-matter when it is a reference cluster-matter in the Universe, it is a coherent- cluster-matter (CCM) for all its supersets of cluster-matters, as it is coherently dynamic with them. The total cluster-matters of the Universe subtracted by the number of superset-cluster- matters of a reference CCM, is the number of Incoherent-cluster-matters (ICM) available in the Universe for conjugation with that reference CCM. Thereby, the conjunction of a CCM and its probable ICM of it results a Coherent-incoherent Conjugated cluster-matter (CICCM). This implies that a CICCM is the convolution of two cluster-matters into one, in which one construct is a CCM and the other construct is the ICM from the available ICM of the Universe. The conjugates of a CICCM may or may not be equal and the difference between both conjugates is the Polar Potential difference of that CICCM. Thereby, the CICCM with equal conjugates are Monopolar whereas the CICCM with unequal conjugates are Dipolar. The triplet of cluster-matters in a cluster-matter are assigned as, a, and y duster-matters. The tangential-matters of a and cluster-matters spins around their central-matters in opposite directions, whereas the tangential-matter of the y cluster-matter not have any spin relative with the spins of o and cluster-matters, when there is no energy transfer from a and cluster-matters. The force acting on the central-mass of the y cluster-matter by the flux- energy causal from the spin-energies of a and cluster-matters, results oscillation of the central-mass of y cluster-matter. Thereby the energy transportation through interacting neighborhood cluster-matters of the Universe and the mass transfer between neighborhood cluster-matters by flux-mass transfer can be examined for further developments intended to evolve Unification of fundamental forces of Nature.

No. of Pages : 31 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1001/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :30/08/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN APPARATUS FOR SCORE BALLS GAME

(51) International classification :A63F  
(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)HARI PRASAD GOSWAMI**  
Address of Applicant :VILL: BAHADUR CHUK, P.O:  
BAHADUR CHUK, NORTH LAKHIMPUR DIST:  
LAKHIMPUR, PIN: 787001 Assam India  
(72)**Name of Inventor :**  
**1)HARI PRASAD GOSWAMI**

(57) Abstract :

An apparatus for-Score Balls game comprising of a horizontal board with 18 (eighteen) score-marked holes, a set of 6 (six) balls and a set of 6 (six) markers. It is a new type of game of skill and amusement. The board consists of a net stretched across its length such that the holes in the board are on one side of the net, called the score section. The other side of the net is the play section. All the balls can enter into any of the 18 (eighteen) holes easily. Each of the 18 (eighteen) holes has a pocket to hold the ball(s) that enter into it. All the holes have their scores marked near them. The board has a raised border along its sides all around. The board is held horizontal on the ground by 6 (six) detachable supports attached to it. The game is played by throwing balls to the holes for scores.

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



## **Publication After 18 Months:**

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3655/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED SOLAR SELECTIVE COATING HAVING HIGH THERMAL STABILITY AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:B23B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL</b>
(32) Priority Date	:NA	<b>RESEARCH</b>
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:NA	<b>1)BARSHILIA HARISH CHANDRA</b>
(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 describes an improved multilayer solar selective coating useful for solar thermal power generation. Solar selective coating of present invention essentially consists of Ti interlayer, two absorber layers (AlTiN and AlTiON) and an anti-reflection layer (AlTiO). Coating deposition process uses Ti and Al as the source materials, which are abundantly available and easy to manufacture as sputtering targets for industrial applications. The present invention allows deposition of all the layers in a single sputtering chamber on flat and tubular substrates with high absorptance and low emittance, thus making the process simpler and cost effective. The process of the present invention can be up-scaled easily for deposition on longer tubes with good uniformity and reproducibility. The coating of the present invention also displays improved adhesion, UV stability, corrosion resistance and stability under extreme environments.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3657/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NEW ORGANOCATALYTIC SYNTHESIS OF CHIRAL PYRAZOLIDINES AND THEIR ANALOGUES

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL</b>
(32) Priority Date	:NA	<b>RESEARCH</b>
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	<b>1)BOOPATHI SENTHIL KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)VAITHIYANATHAN</b>
Filing Date	:NA	<b>VENKATARAMASUBRAMANIAN</b>
(62) Divisional to Application Number	:NA	<b>3)ARUMUGAM SUDALAI</b>
Filing Date	:NA	

(57) Abstract :

This invention relates to a highly enantio- and diastereoselective synthesis of functionalised pyrazolidines via tandem a-amination-Corey Chaykovsky reaction of aldehydes. The reaction allows the creation of three covalent bonds and two contiguous chiral centers in excellent enantio and diastereoselectivity with highly atom-economic transformation in a single step.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3659/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF 4-SUBSTITUTED CHROMANES VIA GOLD CATALYSIS

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL</b>
(32) Priority Date	:NA	<b>RESEARCH</b>
(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	<b>1)PANDURANG VILASRAO CHOUTHAIWALE</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DATTATRAY AMBADAS DEVALANKAR</b>
Filing Date	:NA	<b>3)SUDALAI ARUMUGAM</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention provides process for the synthesis of 4-aryl substituted chromanes by using gold (III) chloride-catalyzed intramolecular Friedel-Crafts reaction of 3-aryloxy benzyl alcohol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3696/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPROVED PROCESS FOR PREPARING OCTYL METHOXY CINNAMATE•

(51) International classification	:C07D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)NATIONAL INSTITUTE OF PHARMACEUTICAL</b>
(32) Priority Date	:NA	<b>EDUCATION AND RESEARCH (NIPER)</b>
(33) Name of priority country	:NA	Address of Applicant :Sector-67 S.A.S Nagar Mohali
(86) International Application No	:NA	Punjab-160062 India India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)Ashwani Vig</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Girivyankatesh Hippargi</b>
Filing Date	:NA	<b>3)Villender Singh Negi</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparing Octyl Methoxy Cinnamate (OMC) is disclosed. The invention in particular relates to the process for preparing Octyl Methoxy Cinnamate by the condensation of carboxylic ester and substituted benzaldehydes in the presence of recycled solid catalyst

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3668/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : POLYMERIZED GEL FOR THE USE IN VIBRATION ISOLATION MODULE•

(51) International classification

:C08C

(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)DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION**

Address of Applicant :Ministry of Defence Govt of India  
Room No 348 B Wing DRDO Bhawan Rajaji Marg New  
Delhi 110011 India

(72)Name of Inventor :

**1)Vanchithazhathu Govindan Nair Jayakumari**

**2)Sarada Kusumakumari**

(57) Abstract :

A vibration isolation module of towed arrays is required for attenuating ship- borne vibrations transmitted through the tow cables and the rear end vibrations. A vibration isolation module is fabricated containing an in situ curing polymer gel as the damping material. The polymerized gel material is of low viscosity at the time of filling enabling easy filling without any air entrapment and evolves to a high viscosity damping material quality property. The cured gel retains much of the stress relief and self- healing qualities of a liquid while attaining the dimensional stability and non-flowing characteristics of a solid elastomer. The material is stable and does not change its properties on aging.....

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3709/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METAL FOAM BODIES AND ITS PRODUCTION

(51) International classification	:B23B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)DIRECTOR GENERAL, DEFENCE RESEARCH &amp; DEVELOPMENT ORGANISATION</b>
(32) Priority Date	:NA	Address of Applicant :MINISTRY OF DEFENCE, GOVT OF INDIA, ROOM NO 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110011, INDIA
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)BADE SUDHAKAR</b>
Filing Date	:NA	<b>2)SHIBA NARAYAN SAHU</b>
(87) International Publication No	:NA	<b>3)NANDAMURI RAMACHANDRA RAO</b>
(61) Patent of Addition to Application Number	:NA	<b>4)GOKHALE AMOL ANANT</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention deals with producing arbitrary shaped closed cell metal foam bodies from foam precursor, such as aluminium foam precursor melt. The method involves a system comprising of furnace, crucible, a device to add foaming agent into the crucible, stirrer, mould with cavity, a quick dispensing mechanism for discharge of the molten metal into the mould cavity and suitable conveyer mechanism for preparation of multiple arbitrary shaped metal foam bodies and withdrawal of mould from the furnace.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3691/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ALTERNATE ENERGY SOURCE BACKUP SYSTEM AND METHOD THEREOF

(51) International classification	:B23B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TATVA RENEWABLE ENERGY PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :1/6, SIRI INSTITUTIONAL AREA,
(33) Name of priority country	:NA	KHEL GAON MARG, NEW DELHI 110049, INDIA Delhi
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:NA	<b>1)PANIGRAHY, KRUSHNA CHANDRA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Implementations described herein relate generally to power backup systems and specifically to method and system for interfacing Fuel Cell as Power Back-up Systems.

No. of Pages : 24 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.747/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :17/03/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A GEMCITABINE BASED LIPOSOMAL FORMULATION FOR TREATMENT OF CANCER AND A PROCESS OF PREPARATION THEREOF

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)COSMAS RESEARCH LAB LTD</b>
(32) Priority Date	:NA	Address of Applicant :B-1/1446/10-B, Y-BLOCK
(33) Name of priority country	:NA	CROSSING, HAMBRAN ROAD, LUDHIANA-141 001,
(86) International Application No	:NA	PUNJAB, INDIA. Punjab India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	<b>1)DR. RAYASA RAMACHANDRA MURTHY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DR. VENKATRAJU P. MAKAM</b>
Filing Date	:NA	<b>3)SWATI G. PATEL</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Gemcitabine based liposomal formulation for treatment of cancer and a process for preparing the same is disclosed, wherein said formulation comprises a lipid mixture, gemcitabine and optionally a folate ligand. Further, the lipid mixture comprises Hydrogenated soy phosphatidylcholine, cholesterol, and Digalactosyl diacylglycerol or Distearoylphosphatidylethanolamine. The molar ratio of Gemcitabine: lipid mixture is in the range of 1:4 to 1:6.

No. of Pages : 48 No. of Claims : 20



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3719/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPOSITE REUSEABLE ADHESIVE

(51) International classification

:B64D

(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)INDIAN INSTITUTE OF TECHNOLOGY KANPUR**

Address of Applicant :Kanpur Uttar Pradesh 208016 India

India

(72)Name of Inventor :

**1)Ashutosh SHARMA**

**2)Sandip PATIL**

(57) Abstract :

A pressure-sensitive adhesive material including a visco-elastic layer and an elastic layer is provided. In some embodiments a reusable pressure-sensitive adhesive material exhibiting high adhesive strength after repeated cycles of adhesion and detachment is provided. In some embodiments methods of making a pressure sensitive adhesive material are provided.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3731/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NITROFURFURYL SUBSTITUTED PHENYL LINKED PIPERIDINO-OXADIAZOLINE CONJUGATES AS ANTI-TUBERCULAR AGENTS AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification

:C07D

(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

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Filing Date

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(71)Name of Applicant :

**1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, INDIA. Delhi India

(72)Name of Inventor :

**1)AHMED KAMAL**

**2)ARUTLA VISWANATH**

**3)JAYANTI NAGA SRIRAMA CHANDRA MURTY**

**4)FARHEEN SULTHANA**

**5)GADUPUDI RAMAKRISHNA**

**6)INSHAD ALI KHAN**

**7)NITIN PAL KALIA**

(57) Abstract :

The present invention provides nitrofurfuryl substituted phenyl linked piperidino-oxadiazolone compounds of general formula A as anti-tubercular agents. General formula A wherein X=H,F; R= H, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, BnzyI;

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3732/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHENOLYTIC KINETIC RESOLUTION OF AZIDO AND ALKOXY EPOXIDES

(51) International classification	:C07D	(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 - 110 001, INDIA. Delhi India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)PRATIBHA UTTAM KARABAL
(61) Patent of Addition to Application Number	:NA	2)DAYANAND AMBADAS KAMBLE
Filing Date	:NA	3)ARUMUGAM SUDALAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a single step catalytic process for the production of enantiomerically pure  $\alpha$ -Aryloxy  $\beta$ -Azido/Alkoxy alcohols. The invention, in particular provides Phenolytic Kinetic Resolution of azido/alkoxy epoxides to generate two stereocentres of high optical purities.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3703/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN ANTIMUTAGENIC NUTRACEUTICAL PRODUCT DERIVED FROM IMMATURE FRUITS OF PARKIA ROXBURGHII AND PROCESS FOR THE PREPARATION OF THE SAME

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)AMITY UNIVERSITY</b>
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DHAN PRAKASH</b>
(87) International Publication No	:NA	<b>2)CHARU GUPTA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PALPU PUSHPANGADAN</b>
Filing Date	:NA	<b>4)VARUGHESE GEORGE</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the antimutagenic, nutraceutical formulation derived from immature fruits of Parkia roxburghii fortified with ascorbic acid. The formulation is with strong antioxidant activity ranging from 67.8 to 95.3% comprising total phenolic contents ranging from 235.7 to 865.3 mg per gram of end product on dry weight basis measured as gallic acid equivalent (GAE). The formulation is a powerful agent to protect various oxidisable materials, such as foods, cosmetics; pharmaceuticals can be used as adjuvant therapy for the chemoprevention of cancer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3677/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A QUALITATIVE AND QUANTITATIVE TEST FOR DETECTION OF ANIONIC DETERGENT IN MILK AND LIKE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN COUNCIL OF AGRICULTURAL</b>
(32) Priority Date	:NA	<b>RESEARCH (ICAR)</b>
(33) Name of priority country	:NA	Address of Applicant :KRISHI ANUSHANDHAN
(86) International Application No	:NA	BHAWAN, DR. RAJENDRA PRASAD BHAWAN, NEW
Filing Date	:NA	DELHI- 110001, INDIA Delhi India
(87) International Publication No	:NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)BARUI, AMIT KUMAR</b>
Filing Date	:NA	<b>2)SHARMA, RAJAN</b>
(62) Divisional to Application Number	:NA	<b>3)RAJPUT, Y.S.</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a rapid and sensitive test kit or assay for the qualitative and quantitative detection of anionic detergent in a liquid sample such as milk and the like. The said kit comprising a dye and a hydrophobic solvent wherein said dye combines with said adulterant present in the liquid sample so as to form the dye-adulterant complex and wherein the said dye-adulterant complex is transferred to said hydrophobic solvent accompanied by change in color of said hydrophobic solvent. The kit further comprises EDTA, Sodium Bicarbonate. The present invention also provides the process for the qualitative and quantitative detection of an anionic detergent in a liquid sample such as milk and the like by the said test kit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3721/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A Power ATM

(51) International classification	:H03F
(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)RATHORE Raghavendra**  
Address of Applicant :Ajit Bhawan Circuit House Road  
Jodhpur 342006 Rajasthan India India  
(72)**Name of Inventor :**  
**1)RATHORE Raghavendra**

(57) Abstract :

The disclosure generally relates to an automated teller machine (ATM). In particular the invention relates to a method and system for automatically dispensing cash from an ATM machine based on electric power generated by converting mechanical energy into kinetic energy.

No. of Pages : 16 No. of Claims : 8

(54) Title of the invention : ELECTRIC MOTOR HAVING HEAT PIPES

(51) International classification :H01R  
 (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)JOY RIDE TECHNOLOGY CO., LTD.**Address of Applicant :NO. 20, NAN KANG 3RD ROAD,  
NANTOU CITY, NANTOU COUNTY, TAIWAN**2)CHIA-WEN RUAN**

(72)Name of Inventor :

**1)CHAI-WEN RUAN****2)YI-TANG WEI****3)MING-CHEN LIAO**

(57) Abstract :

An electric motor includes a rotor unit (2) disposed rotatably in a motor housing (3). The rotor unit (2) includes a rotor shaft (21) rotatable relative to the motor housing (3) about a central axis (X) of the motor housing (3), a heat conductive seat (22) mounted with a magnet member (24) and sleeved on an intermediate portion (213) of the rotor shaft (21), and angularly spaced apart heat pipes (23) extending through an end portion (212) of the rotor shaft (21) thicker than the intermediate portion (213) and into the seat (22). Each heat pipe (23) has an end portion (232) disposed outward of the rotor shaft (21), and extending into and in thermal contact with a heat conductive impeller (5) connected to the end portion (212) of the rotor shaft (21) to co-rotate with the rotor shaft (21). A stator unit (4) is mounted fixedly in and is in thermal contact with the motor housing (3), and is disposed around the rotor unit (2). Figure 3

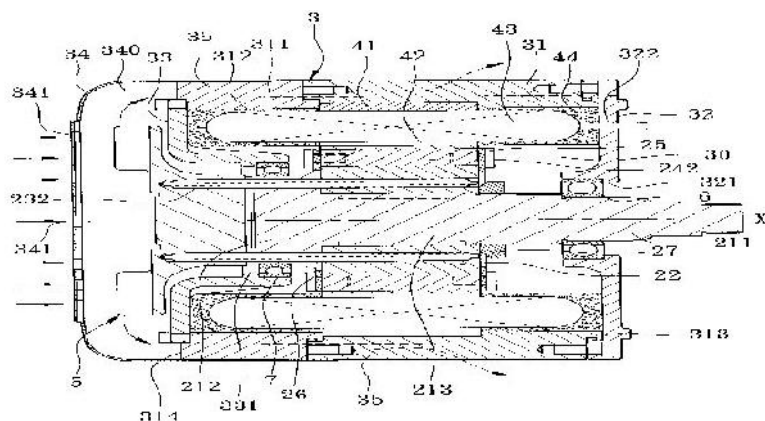


FIG. 3

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3746/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : Topical oil composition for the treatment of fungal infections•

(51) International classification

:A61K

(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)VYOME BIOSCIENCES PVT LTD**

Address of Applicant :Plot No.459 First floor F.I.E.  
Patparganj Industrial Area Delhi 110 092 India India

(72)Name of Inventor :

**1)ABHIJIT S. BAPAT**

**2)SUDHANAND PRASAD**

**3)NILU JAIN**

**4)NIDHI ARORA**

**5)GAUTHAMI MAHESH**

**6)MALLIKA MISHRA**

(57) Abstract :

The present invention is to provide a topical oil composition for the treatment of fungal infection. This composition is free from fatty acid(s) or their ester(s) and provides better retention/penetration of anti-fungal agent onto the hair skin scalp and/or nail to reduce relapse of fungal infection.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3671/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NEW HYDRO AGRIONIC WATERING DEVICE

(51) International classification	:G05G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOHINDER PAL SINGH
(32) Priority Date	:NA	Address of Applicant :H.NO. 1052 SECTOR 46B
(33) Name of priority country	:NA	CHANDIGARH India
(86) International Application No	:NA	2)MOHINDER PAL SINGH
Filing Date	:NA	3)MOHINDER PAL SINGH
(87) International Publication No	: NA	4)MOHINDER PAL SINGH
(61) Patent of Addition to Application Number	:NA	5)MOHINDER PAL SINGH
Filing Date	:NA	6)MOHINDER PAL SINGH
(62) Divisional to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MOHINDER PAL SINGH
		2)MOHINDER PAL SINGH
		3)MOHINDER PAL SINGH
		4)MOHINDER PAL SINGH
		5)MOHINDER PAL SINGH
		6)MOHINDER PAL SINGH

(57) Abstract :

It has been observed during archeological investigation that evidences of irrigation has been identified where the natural rainfall and other conventional and non conventional methods were insufficient to support crops whole world is entering in to a land and water crises. The Gadget is made up of PVC Pipes having Ractangle shaped having Glass Particles made from specialized glass along with minerals fused at high temperature these particles placed in a polythene bag fix inside the pipe with the help of water proof adhesive. The Gadget is placed in such a way that every time when we are to water the field water should enter the field after touching the gadget fully and properly. Every time when we are to water the field the Gadget is used so that the result is achieved.

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3674/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR COMPUTING PHARMACOKINETIC PARAMETERS IN MRI

(51) International classification

:B23B

(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

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Address of Applicant :SECTOR - V, ROHINI, DELHI -  
110085 Delhi India

(72)Name of Inventor :

**1)JENA, AMARNATH**

**2)MEHTA, SHASHI BHUSHAN**

**3)TANEJA, SANGEETA**

**4)SARKAR, URMI**

(57) Abstract :

The present invention relates to a method of dynamic contrast magnetic resonance imaging aimed to improve characterization of tissue image by improving accuracy of computed pharmacokinetic parameters such as Ktrans (transfer constant across capillary membrane; a pharmacokinetic parameter of tissue perfusion) using T1W Fast DCE-MRI technique to distinguish between malignant, benign and normal tissues. A phantom and a contrast agent are used in the proposed MRI system for computing accurate T1 value of a tissue after the contrast is injected based on an intrinsic T10 value the tissue, wherein the intrinsic T10 value is adjusted and/or normalized to improve accuracy of the T1 value computed, which in turn is used for computation of pharmacokinetic parameters at least one of Ktrans.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3676/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INDEX FEED MECHANISM FOR BELLOW LOADING

(51) International classification

:B23B

(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)Nikhil Khator**

Address of Applicant :4/504 East end apartments Mayur  
Vihar-1 (extn.) Near Ashok Nagar Metro Station New Delhi-  
110096 India

(72)Name of Inventor :

**1)Nikhil Khator**

(57) Abstract :

The proposed indexing feed mechanism is for making the feeding easier ergonomically suited and also faster. The machine is designed for the bellow feeding in the clipping machine in filter industry. In the existing auto clipping machine model no. DT-300C the operator feeds the bellow in the machine linearly .The bellow is fed with the help of flapper which moves it in the assembly. The bellow is then clipped in the assembly and thrown on to the conveyor. By removal of flapper and other mechanical parts as mentioned in description and replace linear motion with the rotary motion of indexing machine the number of clips done with it in per minute is increased by around 33%. The Proposed invention can be seen in the Drawing no.: 9 and same could be attached when published.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3654/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :15/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NEW HIGH CAPACITY GAS DISTRIBUTOR-CUM-SUPPORT PLATE FOR PACKED COLUMNS

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF TECHNOLOGY DELHI</b>
(32) Priority Date	:NA	Address of Applicant :HAUZ KHAS, NEW DELHI-110016,
(33) Name of priority country	:NA	INDIA Delhi India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)RAO, DAMARAJU, PHANESWARA</b>
(87) International 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 preset invention relates a support plate device for a packed column having counter current flowing gas and liquid comprising a base plate; a series of parallel gas risers extending upwardly from said base plate to enable the gas to flow upwardly therethrough, with each gas riser containing a number of openings; a series of orifices on the base plate to enable the down flowing liquid to flow therethrough; and wherein the openings in each gas riser is provided with cover members to prevent downflowing liquid from entering the gas riser. .

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1734/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :29/07/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : HERBICIDAL COMBINATION

(51) International classification :A01N 25/00  
(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 :N/A  
(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)UNITED PHOSPHORUS LIMITED**  
Address of Applicant :CORPORATE OFFICE: UNIPHOS  
HOUSE, 11TH ROAD, C. D MARG, KHAR (WEST),  
MUMBAI Maharashtra India  
(72)**Name of Inventor :**  
**1)JADHAV, PRAKASH MAHADEV**  
**2)DUTTA, ASHIM KUMAR**

(57) Abstract :

A herbicidal suspension concentrate formulation comprising effective amount of glyphosate acid, effective amount of oryzalin and polyalkylene oxides and their copolymers such as EO/PO copolymer. Also disclosed is a process for the preparation of the herbicidal suspension concentrate formulations according to the present invention.

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1843/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :10/08/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : CEFIXIME FORMULATIONS

(51) International classification :A61K5/00  
(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)FDC LIMITED**

Address of Applicant :142-48, S.V. ROAD,  
JOGESHWARI(WEST), MUMBAI-400 102 MAHARASTRA,  
INDIA.

(72)Name of Inventor :

**1)CHANDAVARKAR,, NANDAN MOHAN**

**2)JINDAL, KOUR CHAND**

**3)KULKARNI, SHAILESH SHARAD**

(57) Abstract :

Oral dosage forms comprising Cefixime Trihydrate and at least one pharmaceutically acceptable excipient(s), wherein more than 60% of the Cefixime particles are smaller than 20 $\mu$  or 95% of Cefixime particles are above 250 $\mu$  is disclosed herein.

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

(54) Title of the invention : METHOD AND SYSTEM FOR THE REMEDIATION OF CONTAMINATED EARTH FROM HAZARDOUS SUBSTANCES IN A BATCH-WISE EX-SITU ON-SITE MANNER

(51) International classification	:C02f 3/12; b09c 1/02	(71) <b>Name of Applicant :</b> <b>1)INDIAN INSTITUTE OF TECHNOLOGY BOMBAY</b> Address of Applicant :POWAI, MUMBAI 400076, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)ASOLEKAR SHYAM RAMCHANDRA</b>
(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 :

Method and system for the remediation of contaminated earth from hazardous substances in a batch-wise ex-situ on site manner. At least one mobile earth moving equipment, at least one mobile tumbler reactor and at least one liquid - solid separator are organised at a location in the proximity of the contaminated site. Contaminated earth portions are collected from the contaminated site batch by batch in the mobile earth moving equipment, transported to the location and transferred to the mobile tumbler reactor at the location. The contaminated earth portions in the mobile tumbler reactor are dosed with cleaning agents and water washed in the reactor under agitation or tumbling. The mixture of water washed earth portions and wash water with cleaning agents in the mobile tumbler reactor is transferred into the liquid-solid separator at the location and the wash water with the cleaning agents is separated from the mixture in the separator. The cleaned earth portions in the separator are transferred into the earth moving equipment, transported back to the contaminated site and deposited at the contaminated site until the entire contaminated earth at the contaminated site is remedied. At least one water treatment plant is optionally organized at the location for treating the wash water. The logistics of carrying out the operations are controlled with a controller automatically or are controlled manually or partly manually and partly automatically. The invention achieves efficient and effective remediation of the contaminated site within a short time in a very simple and economical manner. It is particularly advantageous in an emergency or accident like oil spillage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2478/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :07/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A LOCKING MECHANISM FOR DOOR, METHODS OF OPERATING THEREOF

(51) International classification	:B60J5/00; E05b65/20; E05B17/00	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b> Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)PALSODKAR CHARUTA A</b>
(33) Name of priority country	:NA	<b>2)ATUL ADHAU</b>
(86) International Application No	:NA	<b>3)REDDY PAVAN</b>
Filing Date	:NA	<b>4)SALIL HARLIKAR</b>
(87) International Publication No	: NA	<b>5)ADITYA BHAT</b>
(61) Patent of Addition to Application Number	:NA	<b>6)KUNAL AKARTE</b>
Filing Date	:NA	<b>7)KETAN BHATE</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a locking mechanism for door of vehicle. The said locking mechanism comprising, a door panel (1), plurality of plungers (5) placed at predetermined locations on the door panel (1) to engage with the side wall (19) to lock the door, a handle (2) is of predetermined shape and hinged to the door panel (1), rigid link (3) or push pull cable (9) connecting said plunger (5) to the handle (2), said handle (2) upon rotation in predetermined direction allows the plungers (5) to disengage to unlock the door, and a compression spring (6) positioned around the plunger (5) to retract the plunger (5) and the handle (2) to its locked position.

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



(54) Title of the invention : GENERATION OF NON CONVENTIONAL ENERGY BY PLACING PNEUMATIC CYLINDER MECHANISMS AT THE ROADS TO GATHER COMPRESSION EFFECT OF THE VARIOUS AUTOMOBILE VEHICLES PASSING THROUGH IT TO GENERATE COMPRESSED AIR WHICH WILL BE STORED BENEATH EARTH AND SUBSEQUENTLY BY THE USE OF THIS COMPRESSED AIR ELECTRICITY WILL BE GENERATE OR OR THIS COMPRESSED AIR CAN BE AS A FUEL OR FOR ANY OTHER APPLICATIONS OF USE.

(51) International classification	:F01B23/10; F02B63/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANTOSH ARVIND PRADHAN
(32) Priority Date	:NA	Address of Applicant : 'ARUNODAYA', PLOT NO. 51,
(33) Name of priority country	:NA	PIONEER HOUSING SOCIETY , SWAWLAMBI NAGAR,
(86) International Application No	:NA	NAGPUR(MAHARASHTRA) INDIA 440025 Maharashtra
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SANTOSH ARVIND PRADHAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract :

I have placed Pneumatic cylinder mechanisms 5at the bottom side of each RCC Road sleepers 1 to gather compression effect of a RCC road track 1. Whenever any Trucks, Buses, Trolleys, Tippers, Heavy automobile vehicles 2 or any standard height and length vehicles will pass through these Pneumatic cylinder mechanisms 5which is placed beneath the RCC road track 1 i.e. at the bottom side of each RCC road sleepers 1 than due to extra load of Trucks, Buses, Trolleys, Tippers, Heavy automobile vehicles 2 or any standard height and length vehicles it will give compression effect to Pneumatic cylinder mechanisms 5and due to this compression effect the pistons placed inside the Pneumatic cylinder mechanisms 5will get activated and will start reciprocating action and will give compressed air. ] have placed large numbers of Pneumatic cylinder mechanisms 5at the bottom side of each RCC road sleepers 1 to get the huge volume of compressed air. 1 have placed a common pipe line 12 to be connected through the set of 10 nos. individual galvanized milled steel pipes 8, galvanized tees 10, galvanized bends and non return valve 11. I have also placed non return valves 13 connected to the common pipe line 12 at a center distance or a pitch of 30 meters and I have also placed flow meters 14 connected to the common pipe line 12 at a center distance or a pitch of 500 meters. As the compressed air is passes through each of the galvanized milled steel pipes 8, galvanized tees 10, galvanized bends and non return valves 11 and through main common pipeline 12, I will get a very big volume of compressed air. This volume of compressed air is being stored beneath the earth storage caverns 15 or milled steel fabricated tanks, FRP fabricated tanks. Compressed air generating through this pipelines will be directed to go to the Air turbine motor 16 and after impacting of compressed air on blades of air turbine motor 16 it will start rotating. The shaft of the air turbine motor 16 is being coupled with the shaft of the generator 17 and after impacting of compressed air on blades of the air turbine motor 16 it will start rotating along with the shaft of the generator 17 and after getting the required revolution per minute (RPM) generator 17 will start producing electricity which will be controlled by the control panel 18 and later on send it to the power grid 19 for delivering the electricity to the customers. After impacting of compressed air on blades of air turbine motor 16 the residual compressed air will again be directed to go to the reversal air collection tank 20 and from there it will again go back to the milled steel air storage tank 15 for further application of generating electricity. The electricity generated by the above said procedure will be clean and environmentally friendly also. The location of storage caverns which is beneath the earth 15 or milled steel fabricated tanks, FRP fabricated tanks can be decided where ever anybody wants to use it for generation of the electricity or for any other application of use also.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2427/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :31/08/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A FLOAT VALVE CAP TRAY FOR A DISTILLATION COLUMN

(51) International classification	:F16K17/192; F16K 31/18	(71) <b>Name of Applicant :</b> <b>1)M/s DESMET BALLESTRA INDIA PVT LTD</b> Address of Applicant :Apeejay Chambers 5Wallace Street Fort Area Mumbai-400 001 Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)Mr.Ravindra Bhaskar Jayawant</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates an to an improved distillation column with a float valve cap tray 100, wherein the use of float valve cap 100a of the present invention enhances mixing of vapor and liquid, enhances efficiency of each tray, reduces pressure drop, which in turn leads to reduction in steam input and thereby makes the process less energy intensive. In accordance with the embodiment of the present invention the float valve cap tray 100 comprises a plurality of generally quadrilateral apertures 101 formed in said tray 100 having plurality of generally quadrilateral caps 102 mounted therein.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2592/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PACKAGING INSERT FOR SAFE STORAGE OF PLANT PRODUCE, COMPOSITION AND METHOD OF USING THE SAME.

(51) International classification	:B65D25/10; B65D85/52	(71) <b>Name of Applicant :</b> <b>1)UMESH JOSHI</b>
(31) Priority Document No	:NA	Address of Applicant :2007, SADASHIV PETH, TILAK
(32) Priority Date	:NA	ROAD, PUNE 411 030, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)UMESH JOSHI</b>
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 are composition and form of a pacKaging insert for keeping stored farm produce safe from damages due to heat and moisture. Also disclosed is method of use of such insert while storing plant produce in closed containers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2594/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : SOLAR BICYCLE

(51) International classification	:B62J1/00; B62M6/85	(71) <b>Name of Applicant :</b> <b>1)MR. DINESH SHIVAJIRAO GHADAGE</b> Address of Applicant :514, THE GREAT EASTERN GALLERIA, PLOT NO. 20, SEC- 4, NERUL NAVI MUMBAI - 400706. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MR. DINESH SHIVAJIRAO GHADAGE</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Solar Bicycle This invention relates to a solar bicycle which has provision to run on sunlight selected from solar energy, electricity, Additionally the bicycle can also be used to function as a power generator when the bicycle is at rest. The solar bicycle comprises solar cell panel (1) mounted on the external carrier surface of the bicycle and connected to a battery (3) through a charging controller (2), a DC motor (7) operated by the battery (3), a clutch gear. The clutch gear (11) is connected to wheel (18) of the bicycle through a clutch drum (15), The bicycle is primarily run on solar energy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2595/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR CONDUCTING CIP AND SIP USING ELECTROLYTIC CELL HAVING BORON-DOPED DIAMOND ELECTRODE

(51) International classification	:c02f 1/467; c25b 11/12; c25b 1/13	(71) <b>Name of Applicant :</b> <b>1)XH2O SOLUTION PRIVATE LIMITED</b> Address of Applicant :PLOT NO. 137, PHASE - 1, VATVA G.I.D.C., AHMEDABAD - 382445, GUJARAT, INDIA. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)BHUTA HARESH JITENDRARAI</b>
(33) Name of priority country	:NA	<b>2)BHATT NIRJAR RAJENDRA</b>
(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 method having circulation time between 25 and 45 minutes for Cleaning in Place (CIP) or Sterilization in Place (SIP) of vessels, articles and apparatus of plant using a solution in which mixed oxidants having Ozone concentration between 2 and 3 ppm are generated in-situ using electrolysis wherein the direct current energized electrochemical cell contains at least one Boron-doped diamond coated electrode or a free standing doped diamond electrode and an unheated electrolyte solution having pH between 6.5 to 10 adjusted using Hydroxide or Carbonate of Sodium and formed of one or more than one alkali metal salts. The alkali salts for CIP comprise Carbonate or Bicarbonate of Sodium or Potassium and for SIP. Chloride or Peroxide of Sodium or Potassium. The concentration of each of the said alkali metal salts ranges from 1.000 to 10,000 ppm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2596/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF ROSUVASTATIN CALCIUM

(51) International classification	:C07D 405/06; C07D 239/22	(71) <b>Name of Applicant :</b> <b>1)ENALTEC LABS PRIVATE LIMITED.</b> Address of Applicant :17TH FLOOR, KESAR SOLITAIRE, PLOT NO.5 SECTOR 19, SANPADA,NAVI MUMBAI MAHARASHTRA, PIN CODE: 400705 INDIA Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)SIVA KUMAR VENKATA BOBBA</b>
(33) Name of priority country	:NA	<b>2)ALOK PRAMOD TRIPATHI</b>
(86) International Application No	:NA	<b>3)SANJAY DASHRATH VAIDYA</b>
Filing Date	:NA	<b>4)ESWARA RAO KODALI</b>
(87) International Publication No	: NA	<b>5)GIRISH BANSILAL PATEL</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of rosuvastatin calcium comprising reacting compound of structural formula V with a compound of structural formula III to get a compound of structural formula IV and then converting a compound of structural formula IV into rosuvastatin calcium compound of structural

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1715/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :27/07/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SOLID ORAL PHARMACEUTICAL COMPOSITION OF TELMISARTAN

(51) International classification	:CO7 3/00	(71) <b>Name of Applicant :</b> <b>1)FDC LIMITED</b> Address of Applicant :142-48, S. V. ROAD, JOGESHWARI (WEST), MUMBAI-400 102, MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)CHANDAVARKAR , NANDAN MOHAN</b>
Filing Date	:NA	<b>2)JINDAL, KOUR CHAND</b>
(87) International Publication No	:N/A	<b>3)KULKARNI , SHAILESH SHARAD</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention disclosed herein is a solid oral pharmaceutical composition comprising telmisartan and its pharmaceutical salts; atleast one water soluble diluent; one or more basic agents; optionally one or more water insoluble diluents alongwith pharmaceutically acceptable excipients wherein the said composition is free of surfactant or emulsifier.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2616/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :20/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : WATER INJECTION SYSTEM FOR AUTOMOBILE ENGINE AND A METHOD OF INJECTION THEREOF

(51) International classification	:f02b 47/02; f02m 69/04; f02m 39/00	(71) <b>Name of Applicant :</b> <b>1)KHANDKE ARVIND</b> Address of Applicant :117 B, MAHADWAR ROAD, GANDHI MAIDAN POST, KOLHAPUR - 416 012, MAHARASHTRA, INDIA. (72) <b>Name of Inventor :</b> <b>1)KHANDKE ARVIND</b>
(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	:N/A	
(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 water injection assembly for automobile engines. More particularly, it provides a water injection assembly for automobile engines which utilizes hydrogen produced by atomized water to increase mileage of automobiles. The present invention also provides a method of water injection into engines,

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2619/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : THREAD FEED DEVICE

(51) International classification	:D07B7/02
(31) Priority Document No	:102011113614.6
(32) Priority Date	:16/09/2011
(33) Name of priority country	:Germany
(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)OERLIKON TEXTILE GMBH & CO. KG**  
Address of Applicant :LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY  
(72)**Name of Inventor :**  
**1)WALTER PEDE-VOGLER**

(57) Abstract :

The invention relates to a thread feed device for the workstations of twisting or cabling machines. According to the invention, it is provided that the thread feed device (13) is a component of a retrofittable supplementary assembly set (12).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2620/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :21/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : RESCUE PLATFORM FOR HELICOPTERS.

(51) International classification	:A62B1/00; B63C9/00; A62B 99/00	(71) <b>Name of Applicant :</b> <b>1)RAGHUNATH PANDURANG LOHAR</b> Address of Applicant :A/P PIMPALGAON KHURD, TALUKA: KAGAL, DIST: KOLHAPUR , MAHARASHTRA- 416216, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)RAGHUNATH PANDURANG LOHAR.</b>
(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 :

Last year we had seen a very unfortunate incident happened in Bangalore, a building caught in fire giving death to no. of people. Our metros are having their own helicopters but still they fail in such emergency cases. This system is specially designed for such situations, which can be used for rescue of more than one person at a time. It may be very safe way for rescues in future. It is designed considering the stability and control of Helicopters. Useful in flood, fire and any other emergency rescue.

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

(54) Title of the invention : TOOTH BRUSH WITH ELLIPTICAL BRISTLES

(51) International classification	:A46B9/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INGOLE VIJAY TULSHIRAM
(32) Priority Date	:NA	Address of Applicant :104 GANEDIWAL LAYOUT,
(33) Name of priority country	:NA	CAMP, AMRAVATI - 444602 Maharashtra India
(86) International Application No	:NA	2)INGOLE ASHUTOSH VIJAY
Filing Date	:NA	3)INGOLE PARITOSH VIJAY
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)INGOLE VIJAY TULSHIRAM
Filing Date	:NA	2)INGOLE ASHUTOSH VIJAY
(62) Divisional to Application Number	:NA	3)INGOLE PARITOSH VIJAY
Filing Date	:NA	

(57) Abstract :

The present invention relates to tooth brushes and in particular to tooth brushes with bristle having elliptical cross section which are oriented in such a manner to offer different stiffness means flexibility in different direction of brush motion. Scientifically gums requires massaging for better circulation of blood whereas tooth requires scrubbing to remove the deposited tartar which is deposited on teeth and between the junctions of teeth and gums means tooth brush is desired to massage the gums, remove the tartar on the teeth and dislodge the food particles lodged between the teeth as well as and gum junction means the bristles of the tooth brush should reach such places. Anatomically teeth and gums have radically different hardness means the teeth are the hardest whereas the gums are made of soft tissue means tooth requires different hardness, gum massaging requires softness and removal of lodged food particles requires hardness. Tooth brushing involves three types of motion namely to and fro motion means longitudinal means along the lines of teeth means to massage the gums, up and down motion means along the lines of teeth junction means to remove the tartar on teeth and further to remove food particles lodged between them means cleaning operation and circular motion partially involves both of above actions. It means the bristles should be soft in to and fro motion and hard in up and down motion. In conventional tooth brush construction the bristle are having round cross section thus offering same stiffness means flexibility in all direction of motion. In certain designs the stiffness is varied by varying the length of the bristle to impart varying stiffness. In other tooth brush designs the bristles with different stiffness are arranged in rows and columns of the tooth brush head to render varying stiffness means flexibility as per the motion of brush. In certain prior art bristles are not fixed perpendicular means normal to the brush head but are oriented in different angles. In other prior art tooth brushes are provided with different profiles to the brush top surface means bristle tips to achieve the aforesaid purposes. Therefore a need is felt to provide a type of bristle which shall render all desired functions of scientifically cleaning and massaging teeth-gums with simplicity in manufacturing. The present invention provides tooth brush with novel bristle to achieve the aforesaid scientific brushing and other advantages.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.185/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :30/01/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CARALLUMA EXTRACT

(51) International classification	:A01N65/00	(71) <b>Name of Applicant :</b> <b>1)GHARE VISHWAS SADHU</b> Address of Applicant :5/504, TULSI VIHAR CO-OP SOC, S.V. ROAD, THANE (WEST) Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)GHARE VISHWAS SADHU</b>
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 an improved process for the preparation of caralluma extract; said process comprises i)shade drying of caralluma plant material; ii)treating the dried caralluma plant material by at least one operation selected from a group consisting of sorting, cleaning and sizing to obtain caralluma plant material meant for extraction; iii)iteratively extracting the caralluma plant material with a first solvent for at least two initial iteration followed by at least two subsequent iterations with a second solvent at controlled temperature to obtain a diluted extract; iv)removing the solvent from the diluted extract by distillation at a temperature below 40 c to obtain a concentrate; v)chilling the concentrate at a temperature of about 6 to 10 c for a period of about 7 to 8 hours to obtain a chilled concentrate; vi)filtering the chilled concentrate to obtain a filtrate; vii)concentrating the filtrate at a temperature below 60 c to obtain a viscous liquid containing 20% solid; viii)spray drying the concentrated viscous liquid to obtain a powder; and ix)pulverizing and sifting the dried powder to obtain a caralluma extract.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2644/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROVING FRAME FOR PRODUCING A ROVING YARN WOUND ONTO ROVING BOBBINS AND METHOD FOR OPERATING THE ROVING FRAME

(51) International classification	:D01H1/24, H02P5/74	(71)Name of Applicant : <b>1)OERLIKON TEXTILE GMBH &amp; CO. KG</b> Address of Applicant :LEVERKUSER STRASSE 65, D- 42897 REMSCHEID, GERMANY
(31) Priority Document No	:102011114479.3	
(32) Priority Date	:23/09/2011	
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)SACHA EISELE</b>
Filing Date	:NA	<b>2)JOERG HUMMEL</b>
(87) International Publication No	: NA	<b>3)FRANZ MACHNIK</b>
(61) Patent of Addition to Application Number:	NA	<b>4)KARL-HEINZ MACK</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a roving frame (1) and a method for operating the roving frame (1), which has a suction device with a negative pressure source (31) for cleaning the face (8) below the drafting arrangement (2). According to the invention, the negative pressure source (31) has an exhaust fan (11) and an electric machine (19), a centrifugal mass (7) is present for storing kinetic energy and is mechanically coupled to the electric machine (19), and control means (32) are present to control the electric machine (19) in such a way that the exhaust fan (11) is alternately operated at a nominal rotational speed and at a rotational speed, which is reduced compared to the nominal rotational speed, wherein the centrifugal mass (7) stores so much energy at the reduced rotational speed that the kinetic energy ensures the supply of selected electric loads (26, 27, 28) of the roving frame (1) with electrical energy for a predetermined time period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2645/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : RECOVERY OF MAIL ITEMS

(51) International classification	:B07C 3/00; B07C3/18	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI MAHARASHTRA- 400021, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)YADAV, REENA DAYAL</b>
(33) Name of priority country	:NA	<b>2)SINGH, UDAYAN</b>
(86) International Application No	:NA	<b>3)GUPTA, NISHI</b>
Filing Date	:NA	<b>4)SINHA, PRATEEK</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method(s) for recovering one or more mail items onto a mail server are described herein. The method includes receiving one or more attributes associated with one or more mail-items. Based on the attributes, mail metadata corresponding to the one or more mail items is identified. The mail metadata is indicative of the mail items to be recovered. Subsequent to identification of the mail metadata a recovery file for recovering the one or more mail-items is created. The recovery file facilitates recovery of the mail-items onto the mail server.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2649/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A GEOGRAPHICAL CO-ORDINATE & TIME ZONE SUPPORTED SECURED, INTEGRATED, SCALABLE, ROBUST SYSTEM TO INVOICE AND MANAGE BROADCAST, RECEPTION, DISPLAY AND PREFERENCE BASED CONSUMPTION OF AUTHENTIC, CUSTOMIZED, MULTI DIMENSIONAL, MULTIMEDIA CONTENT VIA DEDICATED NETWORK OF DISTINCTIVELY INTERFACED PROPRIETARY HARDWARE TO A SPECIAL ASSEMBLY OF AUDIENCE.

(51) International classification	:g04g 5/00	(71)Name of Applicant : <b>1)VALUABLE INNOVATIONS PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :602, CENTRE POINT, J.B. NAGAR,
(32) Priority Date	:NA	ANDHERI - KURLA ROAD, ANDHERI(E), MUMBAI- 400
(33) Name of priority country	:NA	059, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SANJAY GAIKWAD,</b>
(87) International Publication No	:N/A	<b>2)AMEYA HETE</b>
(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 novel and centrally managed unique hardware and software controlled robust system whereby the encrypted content is broadcasted through combination of a head end transmitter and dedicated satellite network.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1769/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :31/07/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL COMPOUNDS AS MODULATORS OF GLUCOCORTICOID RECEPTORS

(51) International classification :CO7D23/00A61K31/00  
(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 :N/A  
(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)CADILA HEALTHCARE LIMITED**

Address of Applicant :ZYDUS TOWER, SATELLITE  
CROSS ROADS, AHMEDABAD-380 015, GUJARAT, INDIA

**2)KARO BIO AB**

(72)Name of Inventor :

**1)THOMBARE, PRAVIN**

**2)ZAMARATSKI, EDOUARD**

(57) Abstract :

The present invention relates to novel compounds of the general formula (I), their derivatives, their analogs, their tautomeric forms, their stereoisomers, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates, pharmaceutical compositions containing them, use of these compounds in medicine and the intermediates involved in their preparation.

No. of Pages : 128 No. of Claims : 17



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2517/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :13/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR PRIORITY SCHEDULING OF MESSAGE TYPES WITH SERIALIZATION CONSTRAINTS AND DYNAMIC CLASS SWITCHING

(51) International classification	:H04L12/28; H04L 12/70	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR NARINAM POINT MUMBAI 400 021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MANSHARAMANI RAJESH</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method for priority queuing of messages with dynamic class switching of message types and with allocation constraints. The system and method enables optimal and lightweight allocation of resources for prioritizing the scheduling of messages. The system and method of the present invention further enables optimal load balancing of messages while preserving serialization constraints.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2665/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :27/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD OF DETERMINING CORRECTION FACTORS, A METHOD OF IMPROVING PERFORMANCE OF A CONCENTRATION MEASURING DEVICE AND A CONCENTRATION MEASURING DEVICE

(51) International classification	:g01j 3/50; g01j 3/00	(71)Name of Applicant : <b>1)AMIT BHATNAGAR</b> Address of Applicant :1101 Tower 2 Swastik Regalia Mhatre Compound Waghbil Ghodbunder Road Thane - West Mumbai Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)AMIT BHATNAGAR</b>
(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 :

Accordingly, the present invention provides a method of determining correction factors, comprising: (a) determining concentration value for a secondary sample and storing the same as actual concentration value for the secondary sample; (b) measuring concentration value for the said secondary sample using a concentration measuring device and storing the same as measured concentration value for the secondary sample; (c) determining a correction factor corresponding to the secondary sample based on the concentration values obtained in the aforesaid steps; and (d) repeating the aforesaid steps for tertiary M samples for determining M correction factors and storing the thus determined M correction factors, wherein said secondary, tertiary M samples are derivatives of a primary sample. The present invention also provides a method of improving performance of a concentration measuring device using the correction factors and a concentration device having improved performance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2666/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ARRANGEMENT WITH AT LEAST ONE ITEM FOR PACKING AND MANUFACTURING METHOD THEREFOR

(51) International classification	:B65B9/04
(31) Priority Document No	:102011114309.6
(32) Priority Date	:23/09/2011
(33) Name of priority country	:Germany
(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)SEMIKRON ELEKTRONIK GMBH & CO. KG**  
Address of Applicant :SIGMUNDSTRASSE 200, 90431  
NUERNBERG, GERMANY  
(72)**Name of Inventor :**  
**1)STEFAN STAROVECKY**  
**2)STEFAN MENGESDORF**

(57) Abstract :

The invention relates to a production method for an arrangement and to an arrangement having an article which is to be packaged, in particular a power semiconductor module, and having a transportation package, wherein the power semiconductor module has a base element, a housing and connection elements, and wherein the transportation package has a cover layer with a plastic layer, an intermediate layer with a recess which is in each case associated with the power semiconductor module, and a cover film. In this case, the cover layer is designed to be flat, with the plastic layer on the first main surface which faces the power semiconductor module which is to be arranged. The intermediate layer is arranged on this plastic layer by way of its second main surface. The associated power semiconductor module is arranged in the recess, wherein the base element of the said power semiconductor module comes to rest on the first main surface of the cover layer, and wherein the cover film covers essential parts of the housing of the power semiconductor module so as to rest on them. It is important in this case for the cover film to be connected to the intermediate layer and, in the region of the recesses, to the plastic layer, wherein the latter connection has a lower holding force

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1891/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :12/10/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : TOILET SEAT LIFTING APPARATUS

(51) International classification :A47K13/10  
(31) Priority Document No :ANY  
(32) Priority Date :12/10/2009  
(33) Name of priority country :  
(86) International Application No :PCT/AU2007/000305  
Filing Date :13/03/2007  
(87) International Publication No :WO 2007/104095 A1  
(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)MICHAEL JOHN HALLETT**

Address of Applicant :19 GLENDALE CRESCENT,  
JANDAKOT, PERTH, WESTERN AUSTRALIA 6164  
AUSTRALIA

(72)**Name of Inventor :**

**1)MICHAEL JOHN HALLETT**

(57) Abstract :

Aparatus for lifting a seat (12) and lid (14) of a toilet seat and lid assembly. The apparatus includes a first hinge portion (80) integral with the seat and rotatably mounted to the base (16), a second hinge portion (82) integral with the lid (14) and rotatably mounted to the base (16) and a drive means (20) engageable with the first and second hinge portions (80 and 82). The first hinge portion (80) is adjacent a first side of the seat (12) and is the only integral part of the seat (12) secured for rotation about the base (16). The second hinge portion (82) is adjacent a second opposite side of the lid (14) and is the only integral part of the lid secured for rotation about the base (16). The drive means (20) is mounted between the first and second hinge portions (80 and 82) and engages with the first and second hinge portions (80 and 82) to rotate either or both of the seat (12) and the lid (14) about the base (16).

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2539/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K31/44; A61K9/00	(71) <b>Name of Applicant :</b> <b>1)CIPLA LIMITED</b> Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI - 400 008, MAHARASHTRA. India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)MALHOTRA, GEENA</b>
(33) Name of priority country	:NA	<b>2)PURANDARE, SHRINIVAS MADHUKAR</b>
(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 composition comprising rifaximin in the form of particles, wherein substantially all the particles have a particle size less than or equal to 2 micrometres.

No. of Pages : 34 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2682/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : WOVEN PAPERMAKER FABRIC, IN PARTICULAR A FORMING FABRIC

(51) International classification	:D03D25/00, D21F1/00	(71) <b>Name of Applicant :</b> <b>1)HEIMBACH GMBH &amp; CO. KG</b>
(31) Priority Document No	:11 008 488.6	Address of Applicant :AN GUT NAZARETH 73, D-52353
(32) Priority Date	:22/10/2011	DUEREN, GERMANY
(33) Name of priority country	:EUROPEAN UNION	(72) <b>Name of Inventor :</b> <b>1)REX BARRETT</b>
(86) International Application No	:NA	<b>2)ALISTER JOHN RIGBY</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A woven papermaker fabric (31, 81) having a first woven fabric layer (32, 82) made of first threads (2, 4, 6 ... 24; 34 to 45; 84 to 96) and having a second woven fabric layer (33, 83) made of second threads (1, 3, 5 ... 23; 46 to 57, 97 to 109), the two woven fabric layers being connected by binder threads formed by structural second threads (46 to 57, 98 to 109) at binder points and having knuckles (58 to 69; 110) having peaks (71, 112) constituting a peak plane (74) parallel to a paper side plane (72,113), and the first threads forming knuckles (73, 111) with concave inner bends, the points of which lying nearest to the paper side plane (72, 113) constituting an inner plane (75, 114), wherein the tension of the first threads (2, 4, 6 ... 24; 84) extending transversely to the binder threads is such that the peak plane (74) is nearer to the paper side plane (72,113) than the inner plane (75,114) thereby causing lateral deflections of at least one of the first threads (34 to 45; 85 to 96).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2684/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOW DOSE PHARMACEUTICAL COMPOSITION

(51) International classification	:a61k 31/155; a61k 31/196	(71) <b>Name of Applicant :</b> <b>1)CIPLA LIMITED</b> Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI - 400 008, MAHARASHTRA. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)MALHOTRA, GEENA</b>
(33) Name of priority country	:NA	<b>2)PURANDARE, SHRINIVAS MADHUKAR</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a pharmaceutical composition comprising zanamivir and one or more pharmaceutically acceptable excipients, wherein the total daily dose of the zanamivir is less than 10 mg.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2684/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SERIAL FLASH CONTROLLER, SERIAL FLASH MEMORY, AND METHOD THEREOF

(51) International classification	:G06F12/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/535,477	<b>1)MEDIA TEK INC.</b>
(32) Priority Date	:16/09/2011	Address of Applicant :NO. 1, DUSING RD.1ST.,
(33) Name of priority country	:U.S.A.	SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU 300,
(86) International Application No	:NA	TAIWAN, R.O.C. Taiwan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)YU-SHAN CHOU</b>
(61) Patent of Addition to Application Number	:NA	<b>2)JIEN-JIA SU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the invention provide a method performed by a serial flash controller and a serial flash memory that are interconnected by a serial clock (SCK) line, a plurality of serial input/output (SIO) lines, and a latch line. The SCK line carries a SCK clock from the serial flash controller to the serial flash memory. Under the method, the serial flash memory synchronously transmits to the serial flash controller data bits through the SIO lines and a memory-generated latch signal through the latch line. The serial flash controller uses the memory-generated latch signal instead of the SCK clock to latch the data bits received through the SIO lines.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2550/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR REPLICATING BLOCK OF TRANSACTIONS FROM PRIMARY SITE TO SECONDARY SITE

(51) International classification	:G06F 17/30; G06F21/00	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI, 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)MANSHARAMANI RAJESH</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides disaster recovery replication system and method for applications such as core banking or stock trading that warrant high throughput and low latency. A method for replicating block of transaction data logs from Primary Site to Secondary Site characterized in having high throughput and low response time, wherein the said method comprises the computer-implemented steps of: defining block size of n transaction data logs; replicating the block of transactions from Primary Site to Secondary Site; marking the transactions of under replication as partially complete at the Primary Site, receiving the block of transactions and sending an acknowledgement to Primary Site by Secondary Site; processing either log write or transaction of the block transactions asynchronously by Secondary Site; and sending responses to one or more end users by Primary Site, after receiving the acknowledgement from the Secondary Site and subsequently committing all partially completed transactions.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2553/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF CURCUMIN

(51) International classification	:A61K 31/12; A61K47/14	(71) <b>Name of Applicant :</b> <b>1)CADILA PHARMACEUTICALS LTD.</b> Address of Applicant :CADILA PHARMACEUTICALS LTD., CADILA CORPORATE CAMPUS, SARKHEJ - DHOLKA ROAD, BHAT, AHMEDABAD - 382210, GUJARAT, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)KHAMAR BAKULESH MAFATLAL</b>
(33) Name of priority country	:NA	<b>2)GOGIA ASHISH PREMKUMAR</b>
(86) International Application No	:NA	<b>3)GODA CHIRAG CHANDRAKANT</b>
Filing Date	:NA	<b>4)SHENOY DINESH BALKUNJE</b>
(87) International Publication No	: NA	<b>5)SHRIVASTAVA RAJNEESH RAMESH</b>
(61) Patent of Addition to Application Number	:NA	<b>6)MODI INDRAVADAN AMBALAL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel clear stable self-emulsifying liquid pharmaceutical composition of Curcumin or its pharmaceutically acceptable salts or derivatives devoid of pH buffer and/or molecular aggregator inhibitor(s) wherein the Curcumin is solubilized in liquid pharmaceutical composition to make a clear liquid pharmaceutical composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2555/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SOLAR CELL•

(51) International classification	:H01L31/0224	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10-2011-0114028	<b>1)SAMSUNG SDI CO. LTD</b>
(32) Priority Date	:03/11/2011	Address of Applicant :428-5 Gongse-dong Giheung-gu
(33) Name of priority country	:Republic of Korea	Yongin-si Gyeonggi-do Republic of Korea Republic of Korea
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PARK Joong-Hyun</b>
(87) International Publication No	: NA	<b>2)SHIN Myung-Hun</b>
(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 solar cell with improved photoelectric conversion efficiency is disclosed. The solar cell includes a substrate, along with a reflection electrode layer, a light absorption layer, and a transparent layer sequentially laminated on the substrate. The reflection electrode layer includes a first electrode layer contacting the substrate, nanoparticles disposed on the first electrode layer, and a second electrode layer disposed on the first electrode layer and covering the nanoparticles. The second electrode layer has a first surface-roughness of nanometer (nm) scale.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2697/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : TIME DIVISION DUPLEX TOWER MOUNTED AMPLIFIER

(51) International classification	:H04B7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/537,345	<b>1)SDP TELECOM INC</b>
(32) Priority Date	:21/09/2011	Address of Applicant :1725 TRANS CANADA
(33) Name of priority country	:U.S.A.	HIGHWAY, DORVAL, QUEBEC, CANADA, H9P IJI Canada
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SADEGH FARZANEH</b>
(87) International Publication No	:N/A	<b>2)ZHAO DUAN ZHOU</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A time division duplex tower mounted amplifier (TDD-TMA) for a base transceiver station includes a TX line comprising a first circulator connected toward a BTS port, a second circulator connected toward an antenna, and a TX switch between the first and second circulators. The TDD-TMA includes an RX branch connected in parallel with the TX line, the RX branch comprising a switchable bypass line connected in parallel with a switchable gain line, the gain line comprising a low-noise amplifier (LNA). An RX branch-protection switch is disposed between the TX line and the RX branch, the RX branch-protection switch protecting the LNA when the amplifier is in TX mode. TX power is blocked from going to the RX branch and is dissipated in a resistive load. The RX branch can be switched between gain and bypass modes.

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2611/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :20/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODOLOGY OF CHASSIS SYSTEM DESIGN FOR COMMON PLATFORM APPROACH

(51) International classification	:B60G17/00; B60T8/1769	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b> Address of Applicant :24, HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MR. MAKARAND TAKLE AND MR. MAHESH JOSHI</b>
(87) International 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 :

Methodology Of Chassis System Design For Common Platform Approach A method for designing the three different classes of vehicles namely SUV, Sedan, and MPV under a single, common platform. The meaning of single platform is that these three vehicles use a maximum number of common parts and a common assembly line. There is no need to develop three different set of parts for these three vehicles. The vital common part includes suspension links, subframe, steering system, control assemblies, front BIW structure. These three different classes of vehicles (SUV/ Sedan / MPV) will be having different widths, lengths and heights according to the market and styling requirements from these vehicles. Also there will be differences in the tyre sizes for these three classes of vehicles e.g. 17, 16 and 15 respectively. The common parts strategy and design of these parts is also decided in such way that the entire vehicle level parameters i.e. suspension kinematics and geometry are achieved in this process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2613/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROTECTIVE INSERTS FOR A ROLLER CONE BIT

(51) International classification	:E21B10/08, B23P11/00	(71) <b>Name of Applicant :</b> <b>1)Varel International Ind. L.P.</b> Address of Applicant :1625 West Crosby Suite 124 Carrollton TX 75006 USA. U.S.A.
(31) Priority Document No	:61/541,931	
(32) Priority Date	:30/09/2011	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Kongamnach Amnach</b>
Filing Date	:NA	<b>2)Bouaphanh Inpeng</b>
(87) International 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 rolling cone cutter for a roller cone earth-boring bit has a generally conical body. The generally conical body defines a plurality of lands and grooves. Each land supports a circumferential row of primary cutter elements. At least one of the plurality of lands has a land sidewall. The land sidewall defines a boundary of an adjacent groove. A plurality of protective inserts are disposed within the land sidewall. The protective inserts may reduce erosion of the land sidewall. One or more protective inserts may be disposed between a pair of primary cutters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3005/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : BOND POWDER

(51) International classification	:C22C 26/00; C22C 38/00	(71) <b>Name of Applicant :</b> <b>1)MR. SHRI SHAM MOTIRAM JAMBAVALIKAR</b> Address of Applicant :PLOT NO 163, UNIT# 3, PEARL, SECTOR - 28, VASHI, NAVI MUMBAI - 400708 Maharashtra India
(31) Priority Document No	:NA	<b>2)MR. JAYESH SHAM JAMBAVALIKAR</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)MR. JAYESH SHAM JAMBAVALIKAR</b>
(86) International Application No	:NA	<b>2)MR. JAYESH SHAM JAMBAVALIKAR</b>
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 bond powder and its use as a bond powder in the manufacture of diamond tools in particular. A bond powder is disclosed, containing a composition of Bronze, Iron and Nickel in a defined proportion

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3010/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVELOPMENT OF ANTIFUNGAL FORMULATIONS FOR NAIL FUNGAL INFECTION (ONYCHOMYCHOSIS).

(51) International classification	:A61K31/137	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR.GITANJALI SAMBHAJIRAO DEOKAR</b>
(32) Priority Date	:NA	Address of Applicant :C/O SHRI B.K. ERANDE,
(33) Name of priority country	:NA	SUMANGAL GLORY, FLAT NO.3, DADOJI KONDDEV
(86) International Application No	:NA	NAGAR, NEAR NIRMALA CONVENT HIGHSCHOOL,
Filing Date	:NA	GANGAPUR ROAD, NASHIK-422013 Maharashtra India
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)DR. GITANJALI S DEOKAR</b>
Filing Date	:NA	<b>2)DR. PRAMOD GOVIND YEOLE</b>
(62) Divisional to Application Number	:NA	<b>3)MR. KIRAN BHAUSAHEB ERANDE</b>
Filing Date	:NA	

(57) Abstract :

The present investigation is related to the fungal and yeast infections of the nails on the hands and the toes. The present formulations are in the paste as well as ready to mix powder form which is the combination of the three active ingredients Viz- Boerhaavia diffusa root extract, (Rakta punarnava/Ghetuli in marathi), Red lead/lead tetroxide powder (shendur in marathi), Calcium hydroxide powder (chuna in marathi). The paste form is preferred as the formulation can remain in contact of nail for longer period of time, and it will not be washed of easily. About 11 case studies were carried out taking the consent of the patients. It has been concluded by observing the patients that Red lead acts as wound healer which first helps in attachment of the detached nail plate from the nail bed. Boerhaavia diffusa is antibacterial agent as well as antifungal agent playing major role if secondary bacterial infection persists with the onychomycosis, also it act as tissue rejuvenator. The rejuvenative action of punarnava is via its opening and cleansing activity allowing effective nourishment and oxygen supply to the tissues. Where in fungi find difficult to survive in oxygen environment. Calcium hydroxide is found to have strong antifungal activity against the species Trichophyton rubrum, Candida albicans and Epidermophyton floccosum representative species most commonly found in the onychomycosis infected nail. It takes about a week or one month to get rid of the infection depending on the seriousness of the infection. The formulation is applied on infected nails and is kept covered overnight with cotton strip. Similarly apart from paste formulation ready to use powder mix of above mentioned ingredients, is also equally effective in treating the infection. Ready to use powder mix (sufficient quantity) is mixed with little amount of water, mixture is applied on infected nail and tied up with the cotton strip and kept wet with water as possible. No side effects have been reported with the present formulations.

No. of Pages : 48 No. of Claims : 2



(12) PATENT APPLICATION PUBLICATION

(21) Application No.176/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :30/01/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DISTRIBUTABLE GENERATION, STORAGE AND USE OF ELECTRIC CHARGE

(51) International classification :A63B69/16,H02J7/32,H02K7/18  
(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)ASHISH GAWADE**

Address of Applicant : 'SHARAYU', LANE NO. 2, SHAHU COLONY, NEAR CUMMINS COLLEGE OF ENGINEERING, KARVENAGAR, PUNE 411052 Maharashtra India

(72)Name of Inventor :

**1)ASHISH GAWADE**

(57) Abstract :

Disclosed is a distributable electricity generating system having the ability to be physically charged by the user utilizing personal body mechanics using an pedaling input or other mechanical linkage that is engineered to assume adaptable conformations for use either as a fixed electrical power generating station or for use as a portable electrical power generating station capable of easy docking to conventional modes of mechanized transport. Also described are modes of charging, storage, discharging of said system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2485/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :07/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRONIC HORN•

(51) International classification	:G10k9/00; g10k9/13	(71) <b>Name of Applicant :</b> <b>1)MINDA INDUSTRIES LIMITED</b> Address of Applicant :Village Nawada Fatehpur P.O. Sikanderpur Badda Manesar Distt. Gurgaon Haryana 122004 India Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)Uday Vishwasrao Wasule</b>
(33) Name of priority country	:NA	<b>2)Nandulal Kushabhau Gavali</b>
(86) International Application No	:NA	<b>3)Vishal Panjabrao Daigavane</b>
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 an electronic horn provided in an automotive vehicle which is responsive to variations in the horn supply voltage for maintaining a constant input power to the horn. The electronic horn comprises an electromagnetic coil connected to said voltage source via an electrical path. A switching circuit located in the electrical path is operable to allow flow of electric current through the electromagnetic coil for a time period TON and for disallowing flow of current through the electromagnetic coil for a time period TOFF, so as to cause excitation of the electromagnetic coil and thereby causing the ferromagnetic plunger to exhibit reciprocating motion. The electronic horn also comprises of a voltage sensing arm being connected to the voltage source such that the same is parallel to the electrical path, a temperature sensor and a microcontroller storing a user inputted.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3031/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR PREPARING ORTHO-ALKOXY PHENOL FROM 4-CHLORO-2'-HYDROXYBENZOPHENONE

(51) International classification	:c07d 303/22; c07c 45/00	(71)Name of Applicant : <b>1)GHARDA, KEKI HORMUSJI</b> Address of Applicant :GHARDA HOUSE, 48 HILL ROAD, BANDRA(WEST), MUMBAI 400 050, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)GHARDA, KEKI HORMUSJI</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a process for oxidizing 4-chloro-2-hydroxy benzophenone to valuable products such as alkoxy phenol derivative.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3031/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMOTIVE AIR COOLING UNIT

(51) International classification :B60H1/00  
(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 :N/A  
(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)SHIV KUMAR KUSHWAHA**  
Address of Applicant :BHAGHRAJ ROAD, PIPARIYA  
NAKA, SAGAR (M.P.) 470002 Maharashtra India  
(72)**Name of Inventor :**  
**1)SHIV KUMAR KUSHWAHA**

(57) Abstract :

It is commonly observed that cars, trucks, buses and other four wheel drives have air blower, air duct and louvers on the dashboard for supply of fresh air in the vehicle cabin space. This provides some level of comfort for the driver and passengers. If this unit is coupled with a vapor compression unit, then the whole system functions as automotive air-conditioner. However a normal air-conditioner consumes energy and reduces mileage by 20%. This invention is about providing cool air in the cabin space at almost negligible cost without the conventional air-conditioning system. The pressurized water is sprayed through a nozzle into the air duct just before the louvers. The fresh air blown by the blower goes through the duct and finally through louvers in the dashboard to the cabin space. If water is sprayed as fine droplets into the air stream, it gets cooled due to evaporative cooling and cools the cabin space.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3032/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF ALKOXY BENZOIC ACID

(51) International classification	:c07c 51/347; c07c 51/367	(71) <b>Name of Applicant :</b> <b>1)GHARDA, KEKI HORMUSJI</b> Address of Applicant :GHARDA HOUSE, 48 HILL ROAD, BANDRA(WEST), MUMBAI 400 050, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)GHARDA, KEKI HORMUSJI</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a process for etherification of hydroxybenzoic acids using alkyl chloride. The reaction is carried out in a polar aprotic solvent for better efficiency.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2621/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF PACKING-BASED MACRO PLACEMENT AND SEMICONDUCTOR CHIP USING THE SAME

(51) International classification	:G06F17/50
(31) Priority Document No	:60/755,954
(32) Priority Date	:03/01/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2027/MUM/2006
Filed on	:11/12/2006

(71)**Name of Applicant :**

**1)MEDIATEK INC.**

Address of Applicant :NO. 1, DUSING RD. 1ST,  
SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU 300,  
TAIWAN, R.O.C. Taiwan

(72)**Name of Inventor :**

**1)TUNG-CHIEH CHEN**

**2)PING-HUNG YU**

**3)YAO-WEN CHANG**

**4)FWU-JUH HUANG**

**5)TIEN-YUEH LIU**

(57) Abstract :

A multi-packing tree (MPT) macro placer. The MPT macro placer comprises reading input files in a LEF/DEF format, creating a k-level binary multi-packing tree comprising k branch nodes each corresponding to one level and k+1 packing sub-trees each corresponding to one of the nodes and comprising a group of macros, optimizing the multi-packing tree according to a packing result thereof, and generating output files in a DEF format.

No. of Pages : 33 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3018/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NOVEL POLYMORPH OF ASENAPINE MALEATE

(51) International classification	:C07D 491/04; C07D 491/044	(71) <b>Name of Applicant :</b> <b>1)ENALTEC LABS PRIVATE LIMITED</b> Address of Applicant :17TH FLOOR, KESAR SOLITAIRE, PLOT NO.5 SECTOR-19, SABPADA, NAVI MUMBAI MAHARASTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)SIVA KUMAR VENKATA BOBBA</b>
(33) Name of priority country	:NA	<b>2)ALOK PRAMOD TRIPATHI</b>
(86) International Application No	:NA	<b>3)SANJAY DASHRATH VAIDYA</b>
Filing Date	:NA	<b>4)ESWARA RAO KODALI</b>
(87) International Publication No	: NA	<b>5)GIRISH BANSILAL PATEL</b>
(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 novel polymorph Form E of asenapine maleate, to process of their preparation, pharmaceutical composition comprising Form E of asenapine maleate and their use in therapy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3019/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : MODIFIED RELEASE PHARMACEUTICAL COMPOSITIONS FOR NSAIDS;

(51) International classification	:a61k 31/196; a61k 31/192; a61k 47/38	(71) <b>Name of Applicant :</b> <b>1)ABBOTT HEALTHCARE PRIVATE LIMITED</b> Address of Applicant :C/O PIRAMAL LIFE SCIENCES LTD., 1 NIRLON COMPLEX, GOREGAON (EAST), MUMBAI-400 063. Maharashtra India (72) <b>Name of Inventor :</b> <b>1)VENKAT YADAV</b> <b>2)SANJAY BOLDHANE</b> <b>3)SHRIPAD JATHAR</b>
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a modified release pharmaceutical composition consisting agglomerates comprising one or more NSAIDs and one or more enteric polymers and process for preparing the same

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3021/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DETERGENT COMPOSITION HAVING SHADING DYES AND LIPASE

(51) International classification	:C11D3/40; C11D11/00; C11D3/386	(71) <b>Name of Applicant :</b> <b>1)HINDUSTAN UNILEVER LIMITED</b> Address of Applicant :165/166, BACKBAY RECLAMATION, MUMBAI 400020 Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)KOHLI GURPREET SINGH</b>
(33) Name of priority country	:NA	<b>2)MENDU SHARAT CHANDRA</b>
(86) International Application No	:NA	<b>3)SHEWALE JAYASH ASHOK</b>
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 detergent composition having shading dyes and lipase The invention relates to detergent compositions having combination of shading dyes and lipase. It has been determined that combination of lipase with specific shading dyes provides lower redeposition of soil. This is manifested as higher reflectance and lower yellowing, especially over multiple washes on knitted cotton, knitted polyester and polyester fabrics, Disclosed is a detergent composition comprising: (i) a surfactant; (ii) a hydrophobic dye; (iii) a direct dye; (iv) an acid dye; and, (v) lipase.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3022/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A RESIDENCE TIME CHAMBER

(51) International classification	:C02F1/50; C02F1/68; B01F15/04	(71) <b>Name of Applicant :</b> <b>1)HINDUSTAN UNILEVER LIMITED</b> Address of Applicant :165/166 BACKBAY, RECLAMATION MUMBAI-400020, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)DAVID CHANDRA FRANKLIN</b>
(33) Name of priority country	:NA	<b>2)RAJANARAYANA VENKATARAGHAVAN</b>
(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 a residence time chamber (8). In particular the invention relates to a residence time chamber (8) for improving the action of the biocide in water purification. It is another aspect of the present invention to incorporate the residence time chamber (8) in water purification devices, particularly to gravity-fed water purification devices that operate without electricity and pressurised water, but the invention may also be applicable to devices using electricity and pressurized water. It has been found that a residence time chamber having a simple actuator device consisting of a fill cup (5) connected to a plunger and a resilience mechanism (7) provides a mechanical technique to automatically operate the controlled flow of fluid to give sufficient residence time for the action of biocide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3023/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A FILTER BLOCK CUM SEDIMENT FILTER

(51) International classification	:B01D39/20; B01J20/20	(71) <b>Name of Applicant :</b> <b>1)HINDUSTAN UNILEVER LIMITED</b> Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI-400020, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHATTERJEE JAIDEEP</b>
(87) International Publication No	: NA	<b>2)GUPTA SANTOSH KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RAMACHANDRA RAJEESH KUMAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for making a filter block cum sediment filter, suitable for use in gravity-fed filtration units, which provides for filtering particulate contaminants and also have relatively high flow rates and life. According to another aspect, the present invention relates to filter blocks cum sediment filter obtained by such process. It is an object of present invention to provide a bound filter block with a sediment filter integrally fitted on its outer surface for use in gravity-fed filtration units. It has been found that when a hemispherical carbon filter block having a sediment filter integrally fitted to its external surface is used for removal of particulate contaminants in the gravity fed-filtration devices, it provides relatively high flow rates and enhanced life.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3033/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : TRIPLE-EFFECT ABSORPTION REFRIGERATION SYSTEM

(51) International classification	:F25B15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)THERMAX LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :D-13, MIDC, R.D. AGA ROAD,
(33) Name of priority country	:NA	CHINCHWAD PUNE-19, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)RADHAKRISHNAN BALU</b>
(87) International Publication No	: NA	<b>2)PANNEERSELVAM BABU</b>
(61) Patent of Addition to Application Number	:NA	<b>3)S. SHANMUGA MUTHUKUNMAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a triple-effect absorption refrigeration system (100) comprising a desorber (106) for receiving a heated LiBr solution having concentrated between 25 - 45 % from a first operation cycle (102) and an absorber (108) for receiving a cooled LiBr solution having concentrated between 54 - 64 % from a second operation cycle (104). The heated LiBr solution extracts heat from a fluid to be heated to provide the refrigeration effect. The water vapors generated are absorbed by the cooled LiBr solution in the absorber (108). The system of the present invention provides higher COP, uses a low temperature heat source, and alleviates the corrosion problem.

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3033/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTINUOUS MICRO-PELLETISATION PLANT

(51) International classification	:A01C1/06	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)RAJKUMAR BUDHRAJA UMANG BUDHRAJA</b>
(32) Priority Date	:NA	Address of Applicant :2B/34 WINDMERE BLDG., NEW
(33) Name of priority country	:NA	LINK ROAD, NEAR OSHIWARA POLICE STATION,
(86) International Application No	:NA	ANDHERI-WEST, MUMBAI-400053 Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)RAJKUMAR BUDHRAJA UMANG BUDHRAJA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A continuous micro-pelletisation plant facilitates the continuous manufacturing of the quality micro-pellets with an improved productivity. The assembly consists of multi mill or cone mill, bucket assemblies and spheronizer. The accurate PLC system and software installed ensures the multi mill granulation speed, weighing of wet granules, discharge of product from bucket assembly for spheronisation, time of spheronisation and RPM of the chequered plate of spheronizer. This ensures the continuous maintains of quality parameters. The assembly ensures continuous manufacturing of micro-beads/ micro-pellets without any stoppage. These micro-beads/ micro-pellets used in pharmaceutical, nutraceutical, herbal, ayurveda, agrochemicals, inorganic and organic chemical, Home and personal care industries or any other industrial application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3034/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : LAYERED TOUGH CERAMICS FOR ARMOUR APPLICATIONS

(51) International classification	:F41H5/00; F41H5/04	(71) <b>Name of Applicant :</b> <b>1)DIRECTOR GENERAL, DEFENCE RESEARCH &amp; DEVELOPMENT ORGANIZATION (DRDO)</b> Address of Applicant :MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, B-341, SENA BHAWAN , NEW DELHI-110011, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)AKELLA, KIRAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DR. PATHAK, GIRISH</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A composite layered ceramic armour material and a process for manufacturing the same is disclosed wherein a plurality of green ceramic tapes having a striped layer on one surface formed by graphite strips and ceramic strips. The ceramic tapes are stacked one above the other to form a ceramic stack which is laminated and burning off the graphite material in the laminated stack forming a plurality of channels. The stack is then sintered, hardened and the channels are infused with a molten polymer resin mix to form a composite layered armour material. The composite layered ceramic armour material as manufactured by the process of the present invention has greater toughness and is light weight, less voluminous, cost-effective.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3035/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A HATCH LOCKING AND UNLOCKING MECHANISM FOR VERTICAL SHIP LAUNCHER

(51) International classification

:b63g  
1/00

(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)BRAHMOS AEROSPACE PRIVATE LIMITED**

Address of Applicant :16 CARIAPPA MARG, KIRBY  
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(72)Name of Inventor :

**1)SIDDALINGAPPA GURUPRASAD**

**2)KATTI, SHREEDHAR ARVIND**

**3)ALASANI PRASAD GOUD**

**4)KUMAR SANJAY**

**5)KRISHNAMURTHY PURUSHOTHAM**

**6)BELYUSTIN LEV**

**7)BOBROV ALEXANDER**

**8)MAKSICHEV ALEXANDER**

**9)MELNIKOV VALERIY**

**10)NIKOLAEV VLADIMIR**

**11)SMIRNOV OLEG**

**12)KHOMYAKOV MIKHAIL**

(57) Abstract :

A hatch opening and closing mechanism (10) for vertical ship launcher is disclosed wherein a plurality of missiles is stored for launching in a plurality of compartments provide in a truss. Each compartment is provided with a hatch (16) which is openable by a hydraulically actuated swivelable latch. The operation of the hatch opening and closing mechanism (10) of the vertical missile launcher of the present invention is simple, reliable and has better shock absorption capacity.

No. of Pages : 69 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1723/MUMNP/2009 A

(19) INDIA

(22) Date of filing of Application :11/09/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : EXTERNAL COMPOSITION FOR SKIN

(51) International classification :A61K 8/44,A61K  
31/197,A61P17/16,A61Q1/02  
(31) Priority Document No :2007-073240  
(32) Priority Date :20/03/2007  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2008/055136  
Filing Date :19/03/2008  
(87) International Publication No :WO2008/126652A1  
(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)SHISEIDO COMPANY LTD**

Address of Applicant :5-5, GINZA 7-CHOME, CHUO-KU,  
TOKYO-1048010, JAPAN.

(72)Name of Inventor :

**1)TSUNENAGA MAKOTO**

**2)OCHIAI NOBUHIKO**

**3)KAMINUMA MIKIKO**

**4)SUETSUGU MASARU**

(57) Abstract :

A moisturizing agent comprising one or more compounds selected from the group consisting of lysyl- -alanine represented by the general formula { 1) below and salts thereof:

No. of Pages : 29 No. of Claims : 2



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2622/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF PACKING-BASED MACRO PLACEMENT AND SEMICONDUCTOR CHIP USING THE SAME

(51) International classification	:G06F17/50
(31) Priority Document No	:60/755,954
(32) Priority Date	:03/01/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2027/MUM/2006
Filed on	:11/12/2006

(71)**Name of Applicant :**

**1)MEDIATEK INC.**

Address of Applicant :NO.1, DUSING RD. 1ST, SCIENCE-BASED INDUSTRIAL PARK, HSIN-CHU 300, TAIWAN, R.O.C. Taiwan

(72)**Name of Inventor :**

**1)TUNG-CHIEH CHEN**

**2)PING-HUNG YU**

**3)YAO-WEN CHANG**

**4)FWU-JUH HUANG**

**5)TIEN-YUEH LIU**

(57) Abstract :

A multi-packing tree (MPT) macro placer. The MPT macro placer comprises reading input files in a LEF/DEF format, creating a k-level binary multi-packing tree comprising k branch nodes each corresponding to one level and k+1 packing sub-trees each corresponding to one of the nodes and comprising a group of macros, optimizing the multi-packing tree according to a packing result thereof, and generating output files in a DEF format.

No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2628/MUM/2008 A

(19) INDIA

(22) Date of filing of Application :17/12/2008

(43) Publication Date : 21/06/2013

(54) Title of the invention : A LOW COST DRYING PROCESS

(51) International classification :A011N25/00  
(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)UNITED PHOSPHORUS LIMITED**

Address of Applicant :UNIPHOS HOUSE, 11TH ROAD, C.  
D MARG, KHAR (WEST), MUMBAI -400052, STATE OF  
MAHARASHTRA, INDIA.

(72)Name of Inventor :

**1)SHROFF JAIDEV RAJNIKANT**

**2)SHROFF VIKRAM RAJNIKANT**

**3)KRISHNA RAMPRAKASH SRIVASTAVA**

**4)SUNIL RAGHUNATH POTALE**

(57) Abstract :

A continuous process for drying a wet mass of Mancozeb slurry to obtain dried mancozeb comprising continuously drying a mancozeb slurry having a predetermined moisture content in a provided paddle dryer for a time period of at least about 20 minutes at a controlled vacuum of from about 500mm Hg column to about 700 mm Hg column at a temperature of from about 80°C to about 120°C.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2628/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :11/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONVERTIBLE CARGO RACK

(51) International classification :B60R9/00  
(31) Priority Document No :13/251971  
(32) Priority Date :03/10/2011  
(33) Name of priority country :U.S.A.  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No : NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(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)PIBER KENNETH J**

**2)CAMENISCH GREGORY**

**3)DEBLACK DARREN**

**4)GILBECK JON C**

**5)KNIGHT DANIEL JAMES**

**6)SWANSON LARRY D**

**7)JOSEPH OLIVER**

(57) Abstract :

A convertible cargo rack has a platform attached to a rear seat back and pivots between a seating position and a cargo position. A side rail is linked to the platform and pivots together with the platform. The side rail provides a retaining structure above and around the perimeter of the platform in the cargo position, and is generally coplanar with the front, side and rear walls of the cargo box in the cargo position. Linkages between the platform and the side rail align the platform and the side rail so they are generally parallel to each other in any position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3041/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR OBTAINING PETROCHEMICAL PRODUCTS FROM CARBONACEOUS FEEDSTOCK

(51) International classification	:c10b 53/00; c10b 49/00; c10l 9/08	(71) <b>Name of Applicant :</b> <b>1)GHARDA KEKI HORMUSJI</b> Address of Applicant :GHARDA HOUSE, 48 HILL ROAD, BANDRA(WEST), MUMBAI 400 050, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)GHARDA KEKI HORMUSJI</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a process for obtaining petrochemical products from a carbonaceous feedstock such as coal, coke, lignite, biomass, bitumen, and the like. The carbonaceous feedstock is pulverized and fed to a pyrolysis reactor where the feedstock is pyrolyzed at 700 - 1000 °C at a pressure of 2 - 25 bar for 2 - 10 seconds, wherein the feedstock is entrained in hot syngas during the pyrolysis process.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3042/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR MANUFACTURING CHLORIDES OF TITANIUM AND TITANIUM THEREFROM

(51) International classification	:c01g 23/02; c25c 3/28	(71)Name of Applicant : <b>1)GHARDA, KEKI HORMUSJI</b> Address of Applicant :GHARDA HOUSE, 48 HILL ROAD, BANDRA(WEST), MUMBAI 400 050, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)GHARDA, KEKI HORMUSJI</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of lower chlorides of Titanium in which Titanium Tetrachloride (TiCl<sub>4</sub>) is reduced using a reducing agent in at least one molten alkali metal salt at a temperature of about 300 to about 1400 °C to obtain a reduced mass containing lower chlorides of Titanium. The present invention also provides preparation of Titanium metal from the lower chlorides of Titanium.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3050/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : EFFERVESCENT PHARMACEUTICAL COMPOSITIONS OF OMEPRAZOLE

(51) International classification	:A61K31/4439; A61K9/14	(71) <b>Name of Applicant :</b> <b>1)UNICHEM LABORATORIES LIMITED</b> Address of Applicant :UNICHEM BHAVAN, PRABHAT ESTATE, OFF. S.V. ROAD, JOGESHWARI (W), MUMBAI 400 102, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DR GEDALA VENKATA MURALI MOHAN BABU</b>
(87) International Publication No	: NA	<b>2)MR. R.K.V.V. SURESH KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MR. AMIT VITHOBA NAIK</b>
Filing Date	:NA	<b>4)MR. G.S.V. SUBRAMANYAM</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an effervescent stable pharmaceutical composition of omeprazole. The present invention describes about stable, pseudo dose proportional, solid oral pharmaceutical composition of omeprazole in the form effervescent tablets It also describes novel method of manufacturing of stable solid oral dosage forms comprising omeprazole or its pharmaceutically acceptable salts, solvates, enantiomers or mixtures thereof. This composition can be taken orally in the treatment of gastric ulcers, duodenal ulcers, gastro-esophageal reflux disease.

No. of Pages : 25 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3050/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPOSITIONS OF ALIPHATIC AMINE POLYMERS

(51) International classification	:A61K31/785
(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	:N/A
(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)EMCURE PHARMACEUTICALS LIMITED**

Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C.,  
BHOSARI, PUNE-411026, INDIA. Maharashtra India

(72)Name of Inventor :

**1)JADHAV BHUSHAN MADHUKAR**

**2)THOTTASSERI MANOJ KUMAR**

**3)BAWEJA JITENDRA MOHAN SINGH**

**4)GURJAR MUKUND KESHAV**

**5)MEHTA SAMIT SATISH**

(57) Abstract :

The present invention relates to pharmaceutical compositions comprising aliphatic amine polymer. The formulation, preferably a tablet, contains suitable excipients such as diluents along with the aliphatic amine polymer. The judicious selection of diluent in the pharmaceutical composition of the present invention, results in a formulation having desired characteristics.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3051/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF LINEZOLID AND INTERMEDIATE THEREOF.

(51) International classification	:C07D263/20; C07D 413/00	(71) <b>Name of Applicant :</b> <b>1)TORRENT PHARMACEUTICALS LTD.</b> Address of Applicant :TORRENT HOUSE, OFF ASHRAM ROAD, NEAR DINESH HALL, AHMEDABAD 380 009, GUJARAT, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)V. SRINIVAS GOUD</b>
(33) Name of priority country	:NA	<b>2)HITESHKUMAR GUJJAR</b>
(86) International Application No	:NA	<b>3)MANOJ DEVILALJI PRABHAVAT</b>
Filing Date	:NA	<b>4)ARUN KUMAR GUPTA</b>
(87) International Publication No	: NA	<b>5)SUNIL SADANAND NADKARNI</b>
(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 salt of (5S)-5-(aminomethyl)-3-(3-fluoro-4-morpholinylphenyl)-1,3-oxazolidin-2-one. The invention further relates to process of its preparation and its use in synthesis of Linezolid. Further (5S)-5-(aminomethyl)-3-(3-fluoro-4-morpholinylphenyl)-1,3-oxazolidin-2-one salt is obtained in pure and stable form.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3053/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR COLLOIDAL DRUG DELIVERY

(51) International classification	:A61K47/10; A61K9/107;	(71) <b>Name of Applicant :</b> <b>1)DR.(MRS) PADMA VENKITACHALAM DEVARAJAN</b>
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF
(32) Priority Date	:NA	PHARMACEUTICALS SCIENCES AND TECHNOLOGY,
(33) Name of priority country	:NA	INSTITUTE OF CHEMICAL TECHNOLOGY, MATUNGA,
(86) International Application No	:NA	MUMBAI-19 INDIA Maharashtra India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)DR. (MRS) PADMA VENKITACHALAM DEVARAJAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SONALI V. KAPSE</b>
Filing Date	:NA	<b>3)ANIL B JINDAL</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to preparation of drug loaded heterogeneous nanosystems resulting from mixing of two monophasic phases, the non-aqueous phase comprising of active agent/s, polymers, lipids, surfactants, solubilizer/s and other excipients and the aqueous phase comprising of buffers, isotonic solutions, sweeteners, flavors and other excipients. The novel technique enables formation of stable colloidal particles with high drug loading and predictable size at the time of use. The invention represents a major step in circumventing the technological challenges in the design of colloidal particles which can remain suspended for at least 4h maintaining an effective average particle size of <1 µm. The unique delivery system makes part of the active agent/s readily bioavailable and part of the agent is present within the polymeric matrix. The invention is applicable to agent/s that contains electrical group, as the particles are formed due to electrostatic interaction. The novel technique avoids use of organic solvent and can reduce energy requirements compared to the conventional preparation methods. The invention is aimed at the overall improvement of therapeutic efficacy, enhance solubility, enhance oral bioavailability and rapid dissolution for in vivo delivery of the BCS class agent/s. The heterogeneous nanosystems /compositions produced according to the invention can be useful in drug delivery, imaging and diagnosis and can be administered by oral and parenteral route.

No. of Pages : 17 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1854/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :11/08/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : HARDENED PLAIN CARBON STEEL WITH MICRO ALLOYING AND MANUFACTURING BY CONTROL COOLING

(51) International classification	:C25D 11/02	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b> Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)RAGHAVENDRA G.</b>
(87) International Publication No	:N/A	<b>2)DEODATTA SHENDE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Hardened Plain carbon Steel with Micro alloying elements comprising forged SAE 1541 grade which is a plain medium carbon steel and alloying elements and micro-alloying elements wherein nitrogen is added as an alloying element by purging during steel making and micro-alloying elements like boron, molybdenum, titanium, and vanadium and is manufactured by control cooling. The rate of cooling is adjustable by changing the belt speed and the rate of cooling rate is preferably 63-66 deg/minute from 850 °C to 550 °C. In the alloy steel. Nitrogen combines with carbon to form carbon-nitrides to impart desired strength and presence of nitrogen in the alloy is 70 to 80 ppm. The micro-alloying elements are added 0.010% max individually or in combination.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3068/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :08/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION OF TAXOIDS

(51) International classification	:A61K 31/337	(71) <b>Name of Applicant :</b> <b>1)CADILA PHARMACEUTICALS LTD</b> Address of Applicant :CADILA PHARMACEUTICALS LTD, CADILA CORPORATE CAMPUS, SARKHEJ - DHOLKA ROAD, BHAT, AHMEDABAD - 382210, GUJARAT, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)KHAMAR BAKULESH MAGATLAL</b>
(33) Name of priority country	:NA	<b>2)GOGIA ASHISH PREMKUMAR</b>
(86) International Application No	:NA	<b>3)LADDHA RITU NITIN</b>
Filing Date	:NA	<b>4)KHAN IMRAN AHMED</b>
(87) International Publication No	: NA	<b>5)PATRAVALE VANDANA BHARAT</b>
(61) Patent of Addition to Application Number	:NA	<b>6)MODI INDRAVADAN AMBALAL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the stable oral pharmaceutical composition with improved solubility and bioavailability; comprising of taxoid, solubilizer, stabilizing agent, surfactant(s), solvent(s), and oil wherein the concentration of taxoid is in the range of 0.1 to 10%.

No. of Pages : 18 No. of Claims : 15

(54) Title of the invention : AN AUTOMOBILE GEARBOX HAVING INFINITE GEAR RATIOS THAT VARIES IN STEP-LESS MANNER USING ONLY POSITIVE DRIVES.

(51) International classification	:F16H63/42; F16H61/62	(71) <b>Name of Applicant :</b> <b>1)MR. PALLICHADATH SATHEESAN MENON</b> Address of Applicant :B/7, ANNAPURNADAHAM CHS, 2ND LANE, PANDURANGWADI, P.O. DOMBIVLI (E), THANE DIST., MAHARASHTRA. PIN 421 201
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MR. PALLICHADATH SATHEESAN MENON</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A gearbox having infinite gear ratios and step-less variation using positive drives, where the input shaft is connected to a slider arrangement in which a slider can move as required over and along a rod in the plane of the input shaft but inclined at an angle to the axis of the input shaft so that when the input shaft is rotated the slider starts swiveling whose amplitude can be increased gradually from zero to a maximum and vice versa by moving the slider along the rod, this swiveling of slider being converted into oscillations of a rack that engages a pinion attached to the output shaft through one way bearing, the torque multiplication being made possible by increasing the said amplitude of swivel of the slider that eventually increases the rotational speed of the output shaft, no torque transferred in the zero swiveling position, the output shaft also turning the input shaft by identical arrangements but happens only when speed of output shaft is more than the speed of input shaft because of which the output shaft does not feel sudden decelerations caused by the torque required to turn engine incase the later is suddenly cut off as per traffic requirements, by the default nature of this gearbox the output shaft can rotate only in the selected direction of rotation either forward or reverse as it gets locked in the other direction of rotation such that as long as the vehicle fitted with this gearbox is in forward gear it cannot roll back and vice versa even on a steep, thus the vehicle fitted with this gearbox is assured of a more comfortable and safe drive.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3072/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :08/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOW COST AND LARGE AREA CHEMICAL DEPOSITION OF CZTS THIN FILM

(51) International classification	:C30B25/00; C01G3/00	(71)Name of Applicant : <b>1)PROF. CHANDRAKANT DNYANDEV LOKHANDE</b> Address of Applicant :THIN FILM PHYSICS LABORATORY, DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY, KOLHAPUR, 416 004 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)PRO. CHANDRAKANT DNYANDEV LOKHANDE</b>
(87) International Publication No	:N/A	<b>2)MR. NANASAHEB MADHUKAR SHINDE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MR. DEEPAK PRAKASH DUBAL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present investigation is related to the preparation of large area (>10 cm<sup>2</sup>) polycrystalline and cubic Cu<sub>2</sub>ZnSnS<sub>4</sub> (CZTS) by low cost chemical bath deposition(CBD) method from the basic bath at several temperature by using CuS<sub>04</sub>, ZnS<sub>04</sub>, SnCl<sub>4</sub>, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> and complexing agent ammonia and hydrazine hydride respectively. As confirmed from X-ray diffraction pattern and SEM images, Cu<sub>2</sub>ZnSnS<sub>4</sub> (CZTS) films were poly crystalline nature with preferred growth along (110) plane with tetragonal crystal structure. The SEM image showed that the cubes are immersed in to each other forming highly compact morphology of Cu<sub>2</sub>ZnSnS<sub>4</sub> (CZTS) thin films. The electrical resistivity showed semiconducting electrical behavior.

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

(54) Title of the invention : NON-ORIENTED ELECTRICAL STEEL SHEET FOR MOTOR&NBSP; MATERIAL FOR MOTOR ROTOR&NBSP; AND MATERIAL FOR MOTOR STATOR

(51) International classification	:H02K1/18	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)JFE STEEL CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :2-3 Uchisaiwai-cho 2-chome
(33) Name of priority country	:NA	Chiyoda-ku Tokyo 100-0011 Japan.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)NAKANISHI Tadashi</b>
(87) International Publication No	: NA	<b>2)ZAIZEN Yoshiaki</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ODA Yoshihiko</b>
Filing Date	:NA	<b>4)TODA Hiroaki</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a non-oriented electrical steel sheet having high magnetic flux density which, when a rotor material and a stator material are collected from the same steel sheet thereof, can attain satisfactorily high magnetic flux density and satisfactorily high strength in the rotor material and also attain satisfactorily high magnetic flux density and satisfactorily low iron loss in the stator material. Another object of the present invention is to provide members for a motor by using the non-oriented electrical steel sheet. Specifically, the present invention provides a non-oriented electrical steel sheet for a motor, comprising a component composition including in mass%: Si: 0.1% to 1.2%; Mn: 0.005% to 0.30%; C: 0.0050 % or less; Solute Al: 0.0004 % or less; N: 0.0025 % or less; S: 0.0030 % or less; and the remainder as Fe and incidental impurities, wherein the average recrystallized grain diameter (D) of the steel sheet subjected to final annealing is in the range of 6 mm to 25 mm, number per unit of continuous non-metallic inclusions with grain growth inhibition dispersed in the steel sheet is 1000/cm<sup>2</sup> or less, and magnetic flux density B<sub>1</sub> is equal to or larger than 0.8T and magnetic flux density B<sub>50</sub> is equal to or larger than 1.7T.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3044/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :28/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ANALYSIS OF COMMUNITY STRUCTURES IN ENVIRONMENTAL SAMPLES

(51) International classification	:G06F17/30	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TATA CONSULTANCY SERVICES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai 400021 Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MANDE Sharmila Shekhar</b>
(87) International Publication No	: NA	<b>2)BHUSAN Kuntal Kumar</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GHOSH Tarini Shankar</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for analyzing community structures within a plurality of environmental samples are described herein. The method includes obtaining taxa data corresponding to taxonomic groups within the plurality of the environmental samples. Based on the taxa data, an abundance value for each of the taxonomic groups with respect to each of the plurality of environmental samples is determined. Further, based on abundance values, an interaction factor for each pair of the taxonomic groups in the plurality of environmental samples is computed. The interaction factor is indicative of a degree of interaction between a pair of taxonomic groups from among the taxonomic groups. Based in part on interaction factors and abundance values, the plurality of the environmental samples is clustered.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3045/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF CHIRAL INTERMEDIATES

(51) International classification	:C07F 9/02	(71)Name of Applicant : <b>1)UNITED PHOSPHORUS LIMITED</b> Address of Applicant :UNIPHOS HOUSE, MADHU PARK, 11TH ROAD, KHAR (West), MUMBAI-400 052, STATE OF MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SHROFF, JAIDEV RAJNIKANT</b>
(87) International Publication No	: NA	<b>2)SHROFF, VIKRAM RAJNIKANT</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SHANKER BIRJA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the preparation of a compound of formula A: said process comprising deprotecting a compound of formula

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3046/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :02/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : CHIRAL INTERMEDIATES

(51) International classification	:C07F 7/06	(71) <b>Name of Applicant :</b> <b>1)UNITED PHOSPHORUS LIMITED</b> Address of Applicant :UNIPHOS HOUSE, MADHU PARK, 11TH ROAD, KHAR (WEST), MUMBAI 400 052, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SHROFF, JAIDEV RAJNIKANT</b>
(87) International Publication No	: NA	<b>2)SHROFF, VIKRAM RAJNIKANT</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SHANKER BIRJA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compound of formula: H3C OR II wherein R1 is hydrogen or a hydroxyl protecting group; and R2 and R3 are same or different and are independently selected from halogen or -O - SO2 - X; wherein X is C1 - C4 alkyl; C1-C4 alkyl substituted with one or more halogen; or substituted or unsubstituted phenyl wherein said phenyl substituent is selected from halogen, nitro and C1-C4 alkyl; provided that when R3 is bromine, X is not p-toluy.

No. of Pages : 38 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3073/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :08/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROOM TEMPERATURE CHEMICAL METHOD FOR THE SYNTHESIS OF  $\text{Cu}_2\text{ZnSnS}_4$  ABSORBING LAYER

(51) International classification	:C01G19/00; C01G3/00	(71)Name of Applicant : <b>1)PROF. CHANDRAKANT DNYANDEV LOKHANDE</b> Address of Applicant :THIN FILM PHYSICS LABORATORY, DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY, KOLHAPUR 416 004 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)PROF. CHANDRAKANT DNYANDEV LOKHANDE</b>
(87) International Publication No	: NA	<b>2)NANSAHEB MADHUKAR SHINDE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DEEPAK PRAKASH DUBAL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present investigation is related to the preparation of polycrystalline and compact  $\text{Cu}_2\text{ZnSnS}_4$  (CZTS) thin films onto glass substrates by successive ionic layer adsorption and reaction (SILAR) method. This is relatively less expensive and convenient for large area deposition of metal chalcogenide thin films. Polycrystalline  $\text{Cu}_2\text{ZnSnS}_4$  (CZTS) films have been deposited onto the glass substrates at room temperature using  $\text{CuSO}_4$ ,  $\text{ZnSO}_4$  and  $\text{SnSO}_4$  as cationic precursors and  $\text{C}_2\text{H}_5\text{NS}$  as anionic precursor. As confirmed from X-ray diffraction pattern and SEM images,  $\text{Cu}_2\text{ZnSnS}_4$  (CZTS) films were polycrystalline and compact with tetragonal crystal structure. The resistivity of  $\text{Cu}_2\text{ZnSnS}_4$  (CZTS) film is of the order of  $10^{-4}$  cm. the  $\text{Cu}_2\text{ZnSnS}_4$  (CZTS) film have optical absorption of the order of  $10^4$  cm<sup>-1</sup>.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3074/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :08/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : DIRECT STEAM GENERATING RECEIVER FOR SOLAR CONCENTRATORS WITH ROATATING FOCUS

(51) International classification	:F24J2/00; F24J2/32	(71)Name of Applicant : <b>1)CHANDAK VIJAY GIRDHARILAL</b> Address of Applicant : 'SHAMGIRI', AGRA ROAD, OPP. SWAGAT LODGE, DEOPUR, DHULE: 424 005, STATE: MAHARASHTRA, INDIA. PH: 02562-271795, MB: +91- 9823033344, +91-9422310000, EMAIL: vgchandak@gmail.com chandak.ajay@gmail.com Maharashtra India
(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	:N/A	
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor : <b>1)CHANDAK VIJAY GIRDHARILAL</b> <b>2)CHANDAK AJAY GIRDHARILAL</b> <b>3)CHANDAK ANURAG AJAY</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Direct Steam Generating Receiver for Solar concentrators with Rotating focus is provided comprising of a steam take up chamber mounted in inclined manner on receiver body so as to provide direct steam and not to allow the receiver to have a dry run. An interconnecting pipe is provided when altitude angles are above 90°. A level sensor with preset high and low level along with controller and feed pump is provided to maintain water level between preset limits to avoid dry run of the receiver.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3074/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DATA ANALYSIS AND INTEGRATION

(51) International classification	:G06Q30/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)TATA CONSULTANCY SERVICES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9TH
(33) Name of priority country	:NA	FLOOR, NARIMAN POINT, MUMBAI 400021,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)KRISHNAMURTHY, JAYARAMAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)BHOGARAJU, SANDEEP</b>
Filing Date	:NA	<b>3)NAMPERUMALSAMY, NANDHAKUMAR</b>
(62) Divisional to Application Number	:NA	<b>4)PUVVADA, PHANI BRAHMENDRA</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and method for analyzing performance of one or more business functions from a predetermined set of key performance indicators for a plurality of business functions of an enterprise. A customizable illustrative structure is developed in real time for a business function in a hierarchical manner to indicate a relation between various key performance indicators. A plurality of data models are integrated with the illustrative structure so that for each key performance indicator the corresponding data model is dynamically mapped and invoked. A comparative analysis for each key performance indicator is generated with respect to the user-defined threshold values and the results thereof are displayed.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3076/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :09/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR DATA MASKING IN ENTERPRISE APPLICATION

(51) International classification	:G06F21/00; G06F21/24	(71)Name of Applicant : <b>1)HEXAWARE TECHNOLOGIES</b> Address of Applicant :152, MILLENNIUM BUSINESS PARK SECTOR - III, A BLOCK TTC INDUSTRIAL AREA, MAHAPE, NAVI MUMBAI, MAHARASHTRA-400 710, INDIA 400 710, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)KINGSLEY, IMMANUEL J.</b>
(32) Priority Date	:NA	<b>2)SANTHARAM, INDIRA</b>
(33) Name of priority country	:NA	<b>3)DABBA, MANOHAR RAJ</b>
(86) International Application No	:NA	<b>4)KRISHNAJI, SUNITHA</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(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 method for masking data in an enterprise application that includes identifying a plurality of data fields having the data of the enterprise application. The method further includes receiving a user input for selecting one or more data fields from the plurality of data fields. The method also includes receiving a user input for selecting one or more masking methods from a plurality of masking methods. Furthermore, the method includes automatically identifying presence, occurrence and relationships of the selected one or more data fields for consistently masking the data in the selected one or more data fields across the enterprise application. Moreover, the method includes executing the selected one or more masking methods for masking the data in the selected one or more data fields. Further, disclosed is a system for masking the data in the enterprise application.

No. of Pages : 134 No. of Claims : 109

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3054/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NEW PROCESS FOR PREPARING OPTICALLY PURE MILNACIPRAN AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS

(51) International classification	:C07C221/00; C07C225/00	(71)Name of Applicant : <b>1)ARCH PHARMALABS LIMITED</b> Address of Applicant :H WING, 4TH FLOOR, TEX CENTRE, OFF SAKI VIHAR ROAD, CHANDIVALI, ANDHERI (EAST), MUMBAI-400 072, INDIA Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)PAI, GANESH GURPUR</b>
(32) Priority Date	:NA	<b>2)RANBHAN, KAMLESH JAYANTILAL</b>
(33) Name of priority country	:NA	<b>3)JAGTAP, VIKRAM SARJERAO</b>
(86) International Application No	:NA	<b>4)PATIL, DAYAGHAN GANGADHAR</b>
Filing Date	:NA	<b>5)ZUNJARRAO, YUVRAJ KASHINATH</b>
(87) International Publication No	:N/A	<b>6)MANDAL, ARUN KANTI</b>
(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 and commercially viable process for the resolution of racemic cis milnacipran of formula I and its pharmaceutically acceptable salts of formula II. The present invention comprises using racemic cis milnacipran or its pharmaceutically acceptable salts as starting material, a low cost and commercially available resolving agent of formula III and industrially safe and economically low cost material such as water as a solvent. The said process results into optical isomers of racemic cis milnacipran having excellent optical purity without involving multiple crystallization steps. The present invention also comprises the concept of green chemistry as the invention works well with water as a solvent thereby minimizing the use of any other solvent.

No. of Pages : 45 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3055/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : BATTERY OPERATED POWER JACK

(51) International classification	:B66F 3/08; B66F3/44	(71) <b>Name of Applicant :</b> <b>1)KAMBLE ASHISH BRAHMADAS</b> Address of Applicant :HOUSE NO. 37, VISHRAM NAGAR, NEAR SUGAT NAGAR, NAGPUR - 440026, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	<b>2)GANVIR SUGATTA SUBODH</b>
(32) Priority Date	:NA	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:NA	<b>1)KAMBLE ASHISH BRAHMADAS</b>
(86) International Application No	:NA	<b>2)GANVIR SUDATTA SUBODH</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A battery operated power jack used for changing flat tyre of a car having gross maximum weight between the range of 1000 kg to 1200 kg by performing the operation of lifting the car wheel with a maximum weight of 400 Kg. up to a height of 12 cm from its original level within 8 seconds and lowering it within the same time by consuming electric current from a 12 V battery from the said car. The device is a bottle jack with a power screw & gear assembly. The running motor sets into motion the chain and sprocket assembly attached to it, which further rotates the gear assembly. Due to this rotation the power screw also starts moving up and down vertically. As the screw moves up, it pushes the support plate, placed on its top. which goes up and fits below the car chassis and lifts it.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3055/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CATALYST COMPOSITIONS FOR CONVERSION OF VEGETABLE OILS TO HYDROCARBON PRODUCTS IN THE DIESEL BOILING RANGE AND PROCESS OF PREPARATION THEREOF

(51) International classification	:C10G47/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)BHARAT PETROLEUM CORPORATION LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :BHARAT BHAWAN, 4 & 6,
(33) Name of priority country	:NA	CURRIMBHOY ROAD, BALLARD ESTATE, MUMBAI-400
(86) International Application No	:NA	001, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)THOTA, CHIRANJEEVI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RAI, PRAGYA</b>
Filing Date	:NA	<b>3)JOSE, N.</b>
(62) Divisional to Application Number	:NA	<b>4)GOKAK, DATTATRAYA TAMMANNASHASTRI</b>
Filing Date	:NA	<b>5)VISWANATHAN, P. S.</b>

(57) Abstract :

The present invention relates to a catalyst composition for conversion of vegetable oils to hydrocarbon products in the diesel boiling range, comprising a porous support; Group III A or VA element in the range of 1-10 wt%; Group VI B elements in the range of 1 to 20 wt%; Group VIII B elements in range of 0.01 to 10 wt%. . The present invention further provides the process for preparing the catalyst composition for conversion of vegetable oils to hydrocarbon products in the diesel boiling range. The present invention also provides the process for conversion of vegetable oils, to hydrocarbon products in the diesel boiling range using the catalyst composition or discarded refinery spent hydro-treating catalyst.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3056/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR INTERNET BASED LIVE INTERACTION BY USERS RESEMBLING REAL WORLD INTERACTION

(51) International classification	:G06F17/30; G06F15/00	(71) <b>Name of Applicant :</b> <b>1)AVINASH ANANDAN</b> Address of Applicant :FLAT NO. 2, SA RE GA MA BUILDING, RH- 53, MIDC PHASE 2, BEHIND MODEL COLLEGE, DOMBIVALI (E), THANE, MAHARASHTRA PIN CODE-421203 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)AVINASH ANANDAN</b>
(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 involves systems and methods for providing a user with a virtual environment for live online interaction, resembling an interaction in the real world. The invention allows user interaction with one or more of virtual places or virtual objects or other users. The invention also allows for voting or ranking of other users or virtual places or virtual objects, which may facilitate referral based or word of mouth based structure as happens in the real world. The invention also provide for posting or displaying one or more posts or objects through a graphic interface, where one or more of virtual objects may be made accessible in a single view and may be placed in a position that could be subject to one or more parameters. The invention also allow for a virtual revenue generation scheme or virtual ways of doing business involving monetary transactions similar to the ways in the real world.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3080/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :09/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : ONLINE SCRIPT INDEPENDENT RECOGNITION OF HANDWRITTEN SUB-WORD UNITS AND WORDS

(51) International classification	:G06K9/00; G06K9/18	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)LAJISH VIMALA LAKSHMANAN</b>
(87) International Publication No	:N/A	<b>2)SUNIL KUMAR KOPPARAPU</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and system for online script independent recognition of handwritten sub-word unit and words. More particularly the present invention relates to a system and method which enables online recognition of script independent sub-word unit and words by recognizing the written individual strokes prior to recognition of sub-word unit and words. The present invention provides an easy and natural to use method for handwritten sub-word unit and word recognition, wherein the application can be deployed on the existing communication means.

No. of Pages : 34 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3081/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 21/06/2013

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

<p>(51) International classification :A01N25/00 (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 :N/A (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)<b>Name of Applicant :</b> <b>1)SAHAH, DIEPAK</b> Address of Applicant :501/502, VANDANA APARTMENTS, JANKI KUTIR, JUHU CHURCH ROAD, JUHU, MUMBAI-400 009 MAHARASHTRA, INDIA (72)<b>Name of Inventor :</b> <b>1)SAHAH, DIEPAK</b> <b>2)RAMDAS, PUTHENVEETIL KUNJUKRISHNA</b> <b>MENON</b></p>
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(57) Abstract :

A water dispersible granule composition comprising microcapsules comprising at least one agrochemical active ingredient encapsulated within a urea formaldehyde polymeric shell wall, at least one inert filler and at least one agrochemical excipients.

No. of Pages : 28 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3084/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :10/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR FIXATION OF FRACTURES OF A LONG BONE

(51) International classification	:a61b 17/72; a61b 17/64	(71) <b>Name of Applicant :</b> <b>1)DR. NAVIN SINGH</b> Address of Applicant :614, SUNDER NAGAR, NR. RING ROAD - 1, RAIPUR, CHATTISGARH, PIN -492012 Chattisgarh India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)DR. NAVIN SINGH</b>
(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 :

Systems and methods for fixation of fractures of a long bone Systems and methods for fixation of fracture of a long bone comprising of at least one intramedullary nail having one or more holes and at least one external plate placed along the external body of one or both of the ends of a long bone, wherein one or more of a plate is fixed to the external body of the long bone by inserting one or more of a fastening device through one or more of holes in the one or more of plates, and wherein one or more of the said fastening devices enter or penetrate the intramedullary nails through the one or more of holes in the intramedullary nails. The system may be used for fixation of the cancellous bone or the cortical bone.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3084/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :02/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BELT TENSIONER FOR A POWER TRANSMISSION BELT

(51) International classification	:F16H7/12	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)CUMMINS INC.</b>
(32) Priority Date	:NA	Address of Applicant :500 JACKSON STREET,
(33) Name of priority country	:NA	COLUMBUS, IN 47201 USA U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)AGARWAL AVINASH KUMAR</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The belt tensioner assembly (1) to be fitted on the bracket of a belt drive comprising: a tensioner arm (2) adapted to swivel about a pin (20), a base assembly at one end of said tensioner arm (2) and a pulley assembly at the other end of said arm, a dampening mechanism mounted on said arm. The base assembly comprises: the recesses (25, 26) for housing a spring (13), a bottom cover (12) with a locating pin (22) for locating a correct angular position of the belt tensioner on a bracket of the belt drive and a stopper (21) for restricting unwinding of said spring (13) after pre-tensioning and to restrict the motion of said arm beyond a predefined angle. A torque received through said spring being adapted to be transferred to the belt of said belt drive via said tensioner arm and said pulley to provide tension in said belt drive.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3085/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :10/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD AND SYSTEM TO PROVIDE A HEARING AID

(51) International classification

:H04R25/00

(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)QUADIO DEVICES PVT. LTD.**

Address of Applicant :203 Bakrol Road Vallabh  
Vidyanagar Gujarat 388120 Maharashtra India

**2)ACOUSTIC ACUITY INC.**

(72)Name of Inventor :

**1)SRIKANTH KONJETI**

**2)OMKAR REDDY**

**3)ANURAG SHARMA**

**4)NEERAJ MAGOTRA**

**5)JIM LARIMER**

**6)MARION LINEBERRY**

(57) Abstract :

Hearing-impaired patients have a reduced threshold of discomfort or pain along with a reduced sensitivity to sounds. Speech amplitude levels in different frequency bands must be compressed depending on the threshold of discomfort specific to individual patients. The multi-band compression algorithm permits independent parameter settings based on audio logy tests carried out on individual patients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3057/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPLANTABLE DEVICE FOR BONE FIXATION AND METHODS THEREOF.

(51) International classification	:a61b 17/56; a61b 17/72	(71) <b>Name of Applicant :</b> <b>1)NAVIN SINGH</b> Address of Applicant :641, SUNDERNAGAR, NEAR RING ROAD, RAIPUR, PIN 492 012 Chattisgarh India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)NAVIN SINGH</b>
(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 :

An implantable device for intramedullary implantation for fixation of fractured bones, comprising a wire having a bead at the tip, and a contraption at the base. The contraption and the bead maintain the length of the wire in the medulla of the fractured bone, and prevent retraction of the base of the wire or piercing of the tip of the wire when the fragments of the fractured bone contract or collapse.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3058/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :04/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DEVICE FOR ALARMING OVERTAKING BY A VEHICLE

(51) International classification	:B60Q1/34; B60Q1/50	(71) <b>Name of Applicant :</b> <b>1)ADITYA PARASHAR THROUGH RAJESH PARASHAR ( NATURAL GUARDIAN)</b> Address of Applicant :12, BANK COLONY, ITARASI DISTT. HOSANGABAD, MADHYA PRADESH, 461111, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)ADITYA PRASHAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for alarming over taking by a vehicle is disclosed. The device comprises a sensor adapted to be mounted on side rear view mirror of a vehicle. An alarming device adapted to be connected with the sensor device is provided near the driver of the vehicle to provide indication about a vehicle wanting to overtake drivers vehicle.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3059/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :04/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN APPARATUS AND A PROCESS FOR WASTE WATER TREATMENT

(51) International classification	:c02f 3/02; c02f 3/12	(71) <b>Name of Applicant :</b> <b>1)VAIDYA PARTH THROUGH VAIDYA MANOJ (</b> <b>NATURAL GUARDIAN)</b> Address of Applicant :74, RAVINDRA NAGAR, OLD PALASIA, INDORE, MADHYA PRADESH - 452 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)VAIDYA PARTH</b>
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 and a process for waste water treatment is disclosed. The apparatus comprises an equalization dump tank provided to store and equalize rate and flow of water coming from various sources and to maintain the pH at 6-8 to obtain fresh water like properties. An ultra violet (UV) radiation unit is provided to treat water to make it germs and bacteria free. A flocculator is provided to convert suspension solution of waste water into colloidal one. A clarifier is provided to separate solids from liquid. A sludge drying bed having aerobic bacteria is provided to digest and dissolve solid effluents present in the waste water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3060/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :04/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A FRUITS PEELING DEVICE

(51) International classification	:A23n 7/08; a23n 7/00	(71) <b>Name of Applicant :</b> <b>1)POPAT VISHAN THROUGH POPAT DEEPAK</b> Address of Applicant :A/8 KAMALA PARK, VISHWAS COLONY, B/H NATIONAL PLAZA, ALKAPURI, VADODARA, GUJARAT- 390005, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)POPAT VISHAN</b>
(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 :

A fruit peeling device is disclosed. The fruit peeling device comprising a sheet having a working end and a handle end. The working end of the sheet has a sharp edge projection. A side arm having a cutting blade is provided on both sides of the sheet near the working end of the device. A handle is provided at the handle end to facilitate operation of the device during peeling of the fruits

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3061/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :04/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DEVICE TO LOCATE OBJECTS

(51) International classification	:G01V3/11; G01V8/12	(71) <b>Name of Applicant :</b> <b>1)ASHUNI PATEL THROUGH MR. ASHIT PATEL (</b> <b>NATURAL GUARDIAN)</b>
(31) Priority Document No	:NA	Address of Applicant :5, VIPUL APTS, 27
(32) Priority Date	:NA	PURUSHOTTAM NAGAR, BPC ROAD AKOTA
(33) Name of priority country	:NA	VADODARA, GUJARAT - 390020, INDIA Gujarat India
(86) International Application No	:NA	<b>2)SAI SRI RAM THROUGH SURAPANENI</b>
Filing Date	:NA	<b>VIJAYANAGESWARA RAO</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)ASHUNI PATEL</b>
Filing Date	:NA	<b>2)SAI SRI RAM</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device to locate objects is disclosed. The device comprises a controller having an actuator and an indicator connected therewith is provided to actuate a transmitter and to indicate finding of the object, respectively. A transmitter connected with the controller is provided to transmit search signals upon actuation by the actuator. Another indicator adapted to be connected with object(s) is provided to indicate presence of the object upon receiving signals from the transmitter.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3061/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT DIFFUSING THERMOPLASTIC RESIN COMPOSITIONS AND LIGHT DIFFUSING MEMBERS

(51) International classification	:C08J5/18	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DOW CORNING INDIA PRIVATE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :UNIT NO. 202, 2ND FLOOR,
(33) Name of priority country	:NA	ACKRUTI CORPORATE PARK, LBS ROAD,
(86) International Application No	:NA	KANJURMARG-WEST, MUMBAI 400078,
Filing Date	:NA	MAHARASHTRA, INDIA
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1).JOSHI, VISHAL Y.</b>
Filing Date	:NA	<b>2)KAMATH, SRIKANTH</b>
(62) Divisional to Application Number	:NA	<b>3)SHAH, DHARMESH R.</b>
Filing Date	:NA	<b>4)VAIDYA, MILIND</b>

(57) Abstract :

A light diffusing thermoplastic resin composition comprising: (A) a transparent thermoplastic resin: and (B) organic modified functional silica particles having 5 um to 15 um of the average particle size and 600 rxr/g to 800 m2/g of the BET specific surface area, wherein the amount of component (B) is 0.05 to 20 % by weight of total amount of components (A) and (B). has an excellent light diffusing property and a high total light transmittance. inhibits discoloration, when melt-processed or used.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3089/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :10/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 2-N-BUTYL-3-[4-(3-DI-N-BUTYLAMINO-PROPY) BENZOYL]-5-NITRO BENZOFURAN

(51) International classification	:c07d307/87	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)WOCKHARDT LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :D-4 MIDC Industrial area
(33) Name of priority country	:NA	Chikalthana Aurangabad - 431210 M.S. India India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Laxman Narkhede</b>
(87) International Publication No	: NA	<b>2)Nitin Gupta</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Bhatraju Srinivasa Rao</b>
Filing Date	:NA	<b>4)Keshav Deo</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of 2-n-butyl-3-[4-(3-di-n-butylamino-propoxy) benzoyl]-5-nitro benzofuran, an intermediate for the preparation of Dronedarone HCl. The process comprises reacting 2-n-butyl-3-(4-hydroxybenzoyl)-5-nitrobenzofuran and 1-chloro-3-di-n-butylaminopropane in the presence of a base and a solvent excepting the ketonic solvent, methyl ethyl ketone or optionally in presence a phase transfer catalyst and water or a mixture of water to produce 2-n-butyl-3-[4-(3-di-n-butylamino-propoxy) benzoyl]-5-nitro benzofuran. Reaction goes to completion in less than 12 hours with higher yield and purity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3092/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :03/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL FILM COATING COMPOSITIONS

(51) International classification	:B05D3/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)WINCOAT COLOURS &amp; COATING PVT. LTD.</b>
(32) Priority Date	:NA	Address of Applicant :S-2/152, VEDANT COMMERCIAL
(33) Name of priority country	:NA	COMPLEX, POKHARAN ROAD NO. 1, VARTAK NAGAR,
(86) International Application No	:NA	THANE (WEST) - 400 606, MAHARASHTRA, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)PRADEEP MADHUKAR TAMHANE</b>
(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 field of aqueous and non-aqueous film coating of substrates like pharmaceutical tablets, nutritional supplements, food, confectionery items, agricultural seeds, and the like, and is specifically concerned with coating substrates with a coating based on low molecular weight hydroxypropyl methyl cellulose having low viscosity. The invention provides a composition where it provides a relatively faster rate of coating than those known in the prior art. The invention also relates to method of preparing rapid film coating composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3093/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :10/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A HEARING AID DEVICE WITH FEEDBACK SUPPRESSION AND A METHOD THEREOF

(51) International classification	:H04R25/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)QUADIO DEVICES PVT. LTD.</b>
(32) Priority Date	:NA	Address of Applicant :203 Bakrol Road Vallabh
(33) Name of priority country	:NA	Vidyanagar Gujarat 388120 India
(86) International Application No	:NA	<b>2)ACOUSTIC ACUTY INC.</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SRIKANTH KONJETI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)ABEEZAR VASI</b>
Filing Date	:NA	<b>3)ANURAG SHARMA</b>
(62) Divisional to Application Number	:NA	<b>4)NEERAJ MAGOTRA</b>
Filing Date	:NA	

(57) Abstract :

This present disclosure relates to providing an improved hearing aid solution. In an embodiment, the disclosure relates to identifying bands of the signal where feedback occurs. The disclosure then provides for a method of sub-band feedback cancellation technique to remove the feedback from the identified bands. In an embodiment, an adaptive notch filter is used to isolate human speech from the feedback and improving the sound quality.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3094/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :11/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR PREPARING RAMIPRIL

(51) International classification	:C07C231/18; C07D209/52; C07D233/47	(71) <b>Name of Applicant :</b> <b>1)AARTI HEALTHCARE LIMITED</b> Address of Applicant :AARTI HEALTHCARE LIMITED, D-53/D-60, MIDC, PHASE II, KALYAN SHILL ROAD, DOMBIVALI (E), DISTRICT THANE, MUMBAI - 421 204, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)MR. PARIMAL HASMUKHLAL DESAI</b>
(33) Name of priority country	:NA	<b>2)MR. NARENDRA JAGANNATH SALVI</b>
(86) International Application No	:NA	<b>3)DR. BHARATKUMAR SURENDRA PATRAVALE</b>
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 :

Enantio-specific synthesis of optically pure (2S)-acetylamino-3 -(2-oxo-cyclopentyl)-propionic acid (I) comprising converting enantiomeric mixture of (1-4C alkyl)-2-acetylamino-3-(2-oxocyclopentyl) propionate (II) (+ and -) under the influence of an Alkaline serine endopeptidase is disclosed. The invention farther describes use of optically pure (2S)-acetylamino-3-(2-oxocyclopentyl)-propionic acid (I) formed by the process of present invention, in the preparation of Ramipril.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3097/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :03/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NOVEL INTERMEDIATE N-(2-CHLORO-6-METHYLPHENYL)-2-[(6-[4-(2-HYDROXYL)-1-PIPERAZINYL]-2-METHYL-4-PYRIMIDINYL] AMINO]-5-THIAZOLE CARBOXAMIDE AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification :C07D277/56  
(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)CADILA HEALTHCARE LIMITED**  
Address of Applicant :ZYDUS TOWER, SATELLITE  
CROSS ROAD, AHMEDABAD-380 015, GUJARAT, INDIA  
(72)Name of Inventor :  
**1)SINGH, KUMAR KAMLESH LAXMI**  
**2)SINGH, NIKHIL AMAR**  
**3)PATHE, GULAB, KHUSHALRAO**

(57) Abstract :

The present invention disclosed a novel intermediate N-(2-chloro-6-methylphenyl)-2-[(6-[4-(2-hydroxyl)-l-piperazinyl-2-methyl-4-pyrimidiny] amino]-5-thiazole carboxamide and process for the preparation thereof.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3062/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :04/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN EFFICIENT PROCESS FOR PREPARATION OF PHENYLALANINE MUSTARD HYDROCHLORIDE

(51) International classification	:C07C 229/00; C07C 229/36;C07C 229/42	(71)Name of Applicant : <b>1)EMCURE PHARMACEUTICALS LIMITED</b> Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C., BHOSARI, PUNE-411026, INDIA. Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)GURJAR MUKUND KESHAV</b>
(32) Priority Date	:NA	<b>2)TRIPATHY NARENDRA KUMAR</b>
(33) Name of priority country	:NA	<b>3)KOTHARKAR SANDEEP ANILRAO</b>
(86) International Application No	:NA	<b>4)PATIL PRADIP NANA</b>
Filing Date	:NA	<b>5)MEHTA SAMIT SATISH</b>
(87) International Publication No	:N/A	
(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 simple and efficient method for synthesis of 4-[bis (2-chloroethyl)-amino]-L-phenylalanine hydrochloride. The process involves the treatment of 4-[bis(2-chloroethyl)-amino]-L-phenylalanine free base with concentrated hydrochloric acid followed by concentration of the reaction mixture in presence of an hydrocarbon solvent and stirring the residue with an alcohol to provide 4-[bis(2-chloroethyl)-amino]-L-phenylalanine hydrochloride of desired purity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3063/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPTICALLY ACTIVE FLUCONAZOLE ANALOGUES CONTAINING THIOPHENES AS ANTIFUNGAL AGENTS

(51) International classification :A61K31/4196		(71)Name of Applicant :
(31) Priority Document No :NA		<b>1)FDC LIMITED</b>
(32) Priority Date :NA		Address of Applicant :142-48, S.V. ROAD,
(33) Name of priority country :NA		JOGESHWARI(WEST), MUMBAI - 400 102,
(86) International Application No :NA		MAHARASHTRA, INDIA.
Filing Date :NA		<b>2)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL</b>
(87) International Publication No :N/A		<b>RESEARCH</b>
(61) Patent of Addition to Application Number :NA		(72)Name of Inventor :
Filing Date :NA		<b>1)BORATE, HANUMANT BAPURAO</b>
(62) Divisional to Application Number :NA		<b>2)SAWARGAVE,SANGMESHWER PRABHAKAR</b>
Filing Date :NA		<b>3)CHAVAN, SUBHASH PRATAPRAO</b>
		<b>4)CHANDAVARKAR, MOHAN ANAND</b>
		<b>5)IYER, RAMKRISHNAN RAMACHANDRAN</b>
		<b>6)TAWTE,AMIT CHANDRAKANT</b>
		<b>7)RAO,DEEPALI DAMODAR</b>

(57) Abstract :

The invention discloses an enantiomeric antifungal compounds of Formula (1a) and Formula (1b), wherein each R1 and R2, which may be the same or different, is independently selected from hydrogen or a halogen selected from fluorine, chlorine, bromine or iodine; each R3 and R4, which may be the same or different, is independently selected from hydrogen, alkyl group of linear or branched chain of 1 to 20 carbon atoms or R3 and R4 together form a cycloalkyl ring of 3 to 10 carbon atoms, and R5 is CN or COOR' (wherein R'= methyl or ethyl).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3064/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :04/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED MECHANICAL INTERLOCK, DUAL TOGGLING AND THREE POSITION MECHANIS, OF AN ELECTRICAL LOAD BREAK SWITCH

(51) International classification	:H01H31/00; H01H9/24; H01H3/30	(71) <b>Name of Applicant :</b> <b>1)LARSEN &amp; TOUBRO LIMITED</b> Address of Applicant :L & T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)BESS, RUPESHSINGH K.</b>
(33) Name of priority country	:NA	<b>2)YEO, ZHEN YUAN</b>
(86) International Application No	:NA	<b>3)MALATPURE, ASHOK</b>
Filing Date	:NA	<b>4)SHRIVASTAVA, AVANISH</b>
(87) International Publication No	:N/A	
(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 mechanical interlock, dual toggling and/or three position mechanism of an electrical load break switch. The mechanism comprises rotating shaft means (5), operating handle means (4), spring arm means (13) having a mechanism spring means (14); a link arrangement (15), interlock link (09) and plurality of operating shaft means including main switch operating shaft means (11) and earth switch operating shaft means (12). The spring arm means (13) is operatively connected to the main switch operating shaft means (11) and earth switch operating shaft means (12). The link arrangement (15) comprises substantially a triangular shaped link connector and other link connectors. The interlock link (09) comprises at least two connectors which are connected to other connector forming substantially V shape by means of hinge at one end to facilitate the movement of the assembly.

No. of Pages : 49 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3064/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NANOSUSPENSION FOR OCULAR DRUG DELIVERY

(51) International classification	:A61K38/13	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)FDC LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :142-48,S.V.ROAD, JOGESHWARI
(33) Name of priority country	:NA	(WEST), MUMBAI - 400 102, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHANDAVARKAR, NANDAN MOHAN</b>
(87) International Publication No	:N/A	<b>2)JINDAL KOUR CHAND</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MALAYANDI RAJKUMAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention disclosed herein is a nanodispersion formulation for ocular drug delivery comprising poorly water soluble drug(s), mineral oil, surfactant(s), optionally permeation enhancer and other pharmaceutical acceptable excipients, with improved patient compliance, reduced dosing frequency, safety and better therapeutic efficacy, and process for preparation of the nanodispersion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3065/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATIC ENTRANCE OPENING SYSTEM

(51) International classification	:E06B 7/00	(71) <b>Name of Applicant :</b> <b>1)NAZIRAHMED Shaikh Nasir</b>
(31) Priority Document No	:NA	Address of Applicant :2nd Floor Bagdad Building K K
(32) Priority Date	:NA	Kumar Gali Shahpur Mill Compound Shahpur Ahmedabad:
(33) Name of priority country	:NA	380001 India Gujarat India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NAZIRAHMED Shaikh Nasir</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention in a preferred embodiment provides systems and methods for automatic entrance opening, wherein the system comprises: i. a wireless signal detector; ii. at least one relay mechanism; iii. at least one driving mechanism; iv. at least one control unit; and v. at least one response mechanism; wherein said wireless signal detector is capable of receiving and detecting a wireless signal of predefined pattern emitted by a wireless signal emitter; and wherein the said at least one relay mechanism are activated upon detection of the wireless signal of predefined pattern by the said wireless signal detector; and wherein upon the activation of the said at least one relay mechanism, the said at least one relay mechanism transfers a signal to the said at least one control unit; and wherein the said at least one control unit actuates the said at least one driving mechanism; and wherein the actuation of the said at least one driving mechanism causes the activation of said at least one response mechanism, and wherein the at least one response mechanism causes a response activity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1706/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :23/10/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING MYCOPHENOLATE AND PROCESSES FOR PREPARING THEREOF

(51) International classification	:CO7D2/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ALKEM LABORATORIES LTD</b>
(32) Priority Date	:NA	Address of Applicant :DEVASHISH, ALKEM HOUSE,
(33) Name of priority country	:NA	SENAPATI BAPAT MARG, LOWER PAREL, MUMBAI 400
(86) International Application No	:NA	013 MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)ARUN PRASAD</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KRISHNA PRASAD</b>
Filing Date	:NA	<b>3)VEMULA SATYANARAYANA</b>
(62) Divisional to Application Number	:NA	<b>4)ASHOK RAMPAL</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for preparing Enteric coated pharmaceutical compositions of mycophenolate, a salt or a prodrug thereof, wherein the compositions are formulated to release at most about 10 % w/w of mycophenolate in an acidic medium of 0.1 N HCl, pH 1.2.

No. of Pages : 23 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2602/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : ASSEMBLIES IN AN UNDERCARRIAGE SYSTEM

(51) International classification	:b62d55/08; b62d55/10;b62d55/14
(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)Tractor Engineers Limited (L&T)**

Address of Applicant :A-8 Talegaon Industrial Area  
MIDC Village Nav Lakh Umbre Talika Maval District Pune  
Talegaon Dabhade -410507 Maharashtra India

(72)**Name of Inventor :**

**1)Pranjal P. Nene**

(57) Abstract :

A carrier roller, roller, and idler for use in an undercarriage system of a tracked machine are provided. The carrier roller, roller, and idler are provided with seals, thereby protecting the parts that are sensitive to contamination, from mud, soil and other contaminants. Further, a first bush and a second bush are provided in each of the carrier roller, roller, and idler, configured to guide the shaft, wherein the first bush and the second bush are self lubricating in nature, thereby eliminating requirement of lubricating oil.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2604/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPROVED PROCESS FOR PREPARING ANHYDROUS TIOTROPIUM BROMIDE

(51) International classification	:C07D 491/00; C07D 451/10	(71) <b>Name of Applicant :</b> <b>1)CIPLA LIMITED</b> Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI - 400 008, MAHARASHTRA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)KANKAN, RAJENDRA NARAYANRAO</b>
(33) Name of priority country	:NA	<b>2)RAO, DHARMARAJ RAMCHANDRA</b>
(86) International Application No	:NA	<b>3)GHAGARE, MARUTI GANPATI</b>
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 improved process for preparing anhydrous tiotropium bromide is disclosed herein.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2526/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF TELMISARTAN

(51) International classification	:A61K 31/4184; A61K9/20	(71) <b>Name of Applicant :</b> <b>1)FDC LIMITED</b> Address of Applicant :142-48, S.V. ROAD, JOGESHWARI (WEST), MUMBAI - 400 102, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)CHANDAVARKAR, NANDAN MOHAN</b>
(33) Name of priority country	:NA	<b>2)JINDAL,KOUR CHAND</b>
(86) International Application No	:NA	<b>3)KULKARNI, SHAILESH SHARAD</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention disclosed herein is a solid oral pharmaceutical composition comprising telmisartan and its pharmaceutical salts, atleast one water insoluble diluent, one or more basic agents, one or more surfactant alongwith pharmaceutically acceptable excipients wherein the said composition is free of binder and water soluble diluent

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2668/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROFILE COATING MACHINE

(51) International classification	:F16C13/00, B29C63/04	(71) <b>Name of Applicant :</b> <b>1)DUESPOHL MASCHINENBAU GMBH</b> Address of Applicant :AN DER HELLER 43, 33758 SCHLOSS HOLTE-STUKENBROCK, GERMANY
(31) Priority Document No	:20 2011051396.3	(72) <b>Name of Inventor :</b> <b>1)UWE WAGNER</b>
(32) Priority Date	:22/09/2011	
(33) Name of priority country	:Germany	
(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 profile coating machine having a conveyer path for the profile to be coated, and a plurality of holders (24) which are disposed along the conveyer path and on which interchangeable pressure rollers (10) are held such that they roll over the profile, characterized in that the holders (24) have snap-fastening means (32) for detachably receiving axle bolts (18) of the pressure rollers (10).

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2846/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SET OF PLAYING CARDS FOR LEARNING GENETICS

(51) International classification	:C07H 21/04	(71) <b>Name of Applicant :</b> <b>1)MITTHOO LAL CHATURPRASAD SONAR</b>
(31) Priority Document No	:NA	Address of Applicant :HIG-
(32) Priority Date	:NA	10,M.P.NAGAR,KORBA,CHHATTISGARH-495677
(33) Name of priority country	:NA	Chattisgarh India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MITTHOO LAL CHATURPRASAD SONAR</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tool for learning genetics comprising a set of male genotype cards provided with genotypes of a male organism, a set of female genotype cards provided with genotypes of a female organism and a set of question cards, each question card having one or more questions on a genetic cross between the male and female organism, wherein a male genotype card and a female genotype card are selected along with a question card to answer the one or more questions.

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

(54) Title of the invention : GENERATION OF NON CONVENTIONAL ENERGY BY PLACING PISTON DRIVEN COMPRESSOR MECHANISMS AT THE ROADS TO GATHER COMPRESSION EFFECT OF THE VARIOUS AUTOMOBILE VEHICLES PASSING THROUGH IT TO GENERATE COMPRESSED AIR WHICH WILL BE STORED BENEATH EARTH AND SUBSEQUENTLY BY THE USE OF THIS COMPRESSED AIR ELECTRICITY WILL BE GENERATED OR OR THIS COMPRESSED AIR CAN BE USED AS A FUEL OR FOR ANY OTHER APPLICATIONS OF USE.

(51) International classification	:F01B11/00; F02G1/043	(71) <b>Name of Applicant :</b> <b>1)SANTOSH ARVIND PRADHAN</b> Address of Applicant : 'ARUNODAYA', PLOT NO.51, PIONEER HOUSING SOCIETY , SWAWLAMBI NAGAR, NAGPUR(MAHARASHTRA) INDIA 440025 Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b> <b>1)SANTOSH ARVIND PRADHAN</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

## (57) Abstract :

I have placed Piston driven compressed air mechanisms 5 at the bottom side of each RCC Road sleepers 1 to gather compression effect of a RCC road track 1. When ever any Trucks, Buses, Trolleys, Tippers, Heavy automobile vehicles 2 or any standard height and length vehicles will pass through these Piston driven compressed air mechanisms 5 which is placed beneath the RCC road track 1 i.e. at the bottom side of each RCC road sleepers 1 than due to extra load of Trucks, Buses, Trolleys, Tippers, Heavy automobile vehicles 2 or any standard height and length vehicles it will give compression effect to Piston driven compressed air mechanisms 5 and due to this compression effect the pistons placed inside the Piston driven compressed air mechanisms 5 will get activated and will start reciprocating action and will give compressed air. I have placed large numbers of Piston driven compressed air mechanisms 5 at the bottom side of each RCC road sleepers 1 to get the huge volume of compressed air. I have placed a common pipe line 12 to be connected through the set of 10 nos. individual galvanized milled steel pipes 8, galvanized tees 10, galvanized bends and non return valve 11. I have also placed non return valves 13 connected to the common pipe line 12 at a center distance or a pitch of 30 meters and I have also placed flow meters 14 connected to the common pipe line 12 at a center distance or a pitch of 500 meters. As the compressed air is passes through each of the galvanized milled steel pipes 8, galvanized tees 10, galvanized bends and non return valves 11 and through main common pipeline 12, I will get a very big volume of compressed air. This huge volume of compressed air is being stored beneath the earth storage caverns 15 or milled steel fabricated tanks or FRP fabricated tanks. Compressed air generating through this pipelines will be directed to go to the Air turbine motor 16 and after impacting of compressed air on blades of air turbine motor 16 it will start rotating. The shaft of the air turbine motor 16 is being coupled with the shaft of the generator 17 and after impacting of compressed air on blades of the air turbine motor 16 it will start rotating along with the shaft of the generator 17 and after getting the required revolution per minute (RPM) generator 17 will start producing electricity which will be controlled by the control panel 18 and later on send it to the power grid 19 for delivering the electricity to the customers. After impacting of compressed air on blades of air turbine motor 16 the residual compressed air will again be directed to go to the reversal air collection tank 20 and from there it will again go back to the milled steel air storage tank 15 for further application of generating electricity. The electricity generated by the above said procedure will be clean and environmentally friendly also. The storage location of the compressed air beneath earth caverns 15 or milled steel fabricated tanks or FRP fabricated tanks can be decided where ever anybody wants to use it for generation of the electricity or for the use as a fuel or for any other application of use also.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2716/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :27/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF N-[2-BUTYL-3-[4-[3-(DIBUTYLAMINO)PROPOXY]BENZOYL]-5-BENZOFURANYL]METHANESULFONAMIDE, ACID ADDITION SALTS AND PRODUCT THEREOF

(51) International classification	:c07d 307/80; c07d 307/82	(71)Name of Applicant : <b>1)Frichem Private Limited</b> Address of Applicant :12 Concord Bullock Road Band Stand Bandra West Mumbai-400 050 India Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)KUMAR Rajiv</b>
(33) Name of priority country	:NA	<b>2)TAMBE Vijay</b>
(86) International Application No	:NA	<b>3)PATIL Sanjay</b>
Filing Date	:NA	<b>4)CHAVAN Kishor</b>
(87) International Publication No	: NA	<b>5)NAIM Syed Shawkat</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of highly pure N-[2-butyl-3- [4-[3-(dibutylamino)propoxy]benzoyl]-5-benzofuranyl]methanesulfonamide and pharmaceutically acceptable salts thereof having HPLC purity greater than 99.5%..

No. of Pages : 36 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2597/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :17/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : SUSTAINED RELEASE PHARMACEUTICAL COMPOSITIONS COMPRISING PREGABALIN

(51) International classification	:a61k 31/197; a61k 9/52	(71) <b>Name of Applicant :</b> <b>1)PANACEA BIOTEC LIMITED</b> Address of Applicant :PLOT NO. GEN - 72/3, TTC INDUSTRIAL AREA, OPP. MILLENNIUM BUSINESS PARK GATE NO.2, MAHAPE, NAVI MUMBAI 400 710 MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)JAIN, RAJESH</b>
(33) Name of priority country	:NA	<b>2)SINGH, SARABJIT</b>
(86) International Application No	:NA	<b>3)PUTHLI,SHIVANAND</b>
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 stable once daily sustained release pharmaceutical compositions comprising pregabalin or pharmaceutically acceptable salts thereof and a pharmaceutically acceptable excipient wherein pharmaceutical composition is bioequivalent to conventional immediate release formulation of pregabalin administered twice daily. The present invention further relates to a composition comprising pregabalin and sugar esters as release retarding agent for maintaining uniform release rate of the drug and process for the preparation of such oral sustained release formulations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2904/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :17/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INDEX PLATE FOR GEMSTONE PROCESSING MACHINE.

(51) International classification	:B24B 37/04	(71) <b>Name of Applicant :</b> <b>1)SAHAJANAND TECHNOLOGIES PRIVATE LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :SAHAJANAND HOUSE, PARSI
(32) Priority Date	:NA	STREET, SAIYEDPURA, SURAT,395003 GUJARAT INDIA
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)GAYWALA, RAHUL MAHENDRAKUMAR</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An indexing unit (100) of a gemstone processing machine and a method for processing gemstones (105) is described herein. In an embodiment, the indexing unit (100) of the gemstone processing machine includes a base plate (115) having a plurality of axially extending holes (200). The base plate (115) is mounted on a mounting shaft, and the mounting shaft is coupled to an indexing mechanism (130) for actuating the base plate (115). Further, the indexing unit (100) includes a plurality of holders (120). A holder (120) is disposed in each of the plurality of axially extending holes (200) of the base plate (115), and each holder (120) is configured to hold a gemstone (105) for processing on the gemstone processing machine.

No. of Pages : 17 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3012/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A GESTURE CONTROLLED WHEELCHAIR

(51) International classification	:A61G5/00; A61G5/04	(71) <b>Name of Applicant :</b> <b>1)CHITALIA YASH CHETAN</b> Address of Applicant :A/29, THE ULTRA C.H.S LTD., LT. DILIP GUPTA MARG, MAHIM, MUMBAI 400016 MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHITALIA YASH CHETAN</b>
(87) International 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 gesture controlled wheelchair comprising of (a) a wheelchair, (b) glove control means located on atleast one of the gloves placed on at least one of the arras of the wheelchair, (c) control means located on the wheelchair to drive the wheelchair, such that signals from the glove control means are supplied to the control means on the wheelchair to drive the wheelchair; wherein the glove control means comprise of (i) at least one infra red transmitter-receiver pair located on the fingers of the glove, the aforesaid pair connected to a circuit embedded into the glove; and (ii) an accelerometer located on said glove for measuring the tilt of the hand of an user; such that the movement of the fingers of the glove defines the direction of movement of the wheelchair and the tilt of the hand defines the speed of the travel. The present invention can be used when the user is seated on the wheelchair as well as remotely.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3013/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR BIODIESEL PRODUCTION FROM CRYPTOCOCCUS CURVATUS

(51) International classification	:C12N1/16; C12P7/14	(71) <b>Name of Applicant :</b> <b>1)RELIANCE LIFE SCIENCE PRIVATE LIMITED</b> Address of Applicant :DHIRUBHAI AMBANI LIFE SCIENCES CENTRE, R-282, TTC AREA OF MIDC, THANE BELAPUR ROAD, RABALE, NAVI MUMBAI - 400 701 MAHARASHTRA INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:N/A	<b>1)VIDHYA RANGASWAMY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MEIKANDHAN THIRU</b>
Filing Date	:NA	<b>3)SANTOSH SANKH</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein are methods and compositions related to the production and extraction of oils and biodiesel from oleaginous yeast, such as Cryptococcus curvatus. Also disclosed herein are methods for providing fermentation conditions for the production of yeast in high density using inexpensive raw materials including crude glycerol and corn steep liquor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3016/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED LOAD SENSING SYSTEM FOR TANDEM AXLE OF VEHICLE

(51) International classification	:b60g11/23; b60g5/00	(71) <b>Name of Applicant :</b> <b>1)TATA MOTORS LIMITED</b> Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)AMIT K GUPTA</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a load sensing system for tandem axle (28) of a vehicle, said system comprises; a cam-actuator mechanism (C) to control signal of load sensing system; an electric circuit (B) to activate an actuator (19) of said cam actuator mechanism (C) through solenoid valve (15); at least one link (14) mounted on long member (30) of the tandem axle (28) to measure surface undulations, wherein the said link (14) is provided with pin (20) on its surface to make electrical connections; and a bracket (29) connected to the axle (28) concentric to the link (14), wherein the said bracket (29) is provided with plurality of connection points (21 and 22) to interact with the pin (20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3098/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :11/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR ENHANCING REACH OF A ROBOTIC ARM

(51) International classification	:B25J9/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)THOMAS HUGHEN</b>
(32) Priority Date	:NA	Address of Applicant :PLAZMA TECHNOLOGIES PVT
(33) Name of priority country	:NA	LTD., E10/19 B3, MIDC, BHASARI, PUNE 411 026,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)THOMAS HUGHEN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MENDHI ARJUN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for machining a work-piece in restrictive access operating position is disclosed. The system includes a robot arm adapted to access the bottom face of the work-piece; a computation means adapted to compute a central line on the bottom face while ascertaining an area of overlap that is accessible from all sides of the work-piece; and a robot controller adapted to sequentially maneuver the robot arm from one side of the work-piece to other side of the work-piece on the bottom face. Other embodiments are also disclosed.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3099/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :03/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SINTERED FINE PARTICULATES BUILDING MATERIAL AND METHOD OF PRODUCING THE SAME

(51) International classification	:C04B18/02	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. ABBAS KHAN</b>
(32) Priority Date	:NA	Address of Applicant :2 MORRIS ST. COBURG NTH 3058
(33) Name of priority country	:NA	VIC AUSTRALIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DR. ABBAS KHAN</b>
(87) International Publication No	:N/A	
(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 fabricating lightweight fine particulates building material like sintered sand from industrial wastes. More specifically it relates to a novel process of manufacturing sintered synthetic sand from fly ash. The method is related in producing lightweight fine particulates like sintered sand at high throughput and relatively low cost to compete against the fast depleting natural sand.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3036/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :01/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : HORIZONTAL BOX TYPE HEAT RECOVERY UNIT

(51) International classification	:F28D7/00; F28D15/00	(71) <b>Name of Applicant :</b> <b>1)LARSEN &amp; TOUBRO LIMITED</b> Address of Applicant :ENGINEERING AND CONSTRUCTION DIVISION, POWAI CAMPUS (W), SAKI VIHAR ROAD, MUMBAI 400 072, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)SARKAR SUMANTA ASITKUMAR</b>
(33) Name of priority country	:NA	<b>2)BHAD TUSHAR PURUSHOTTAM</b>
(86) International Application No	:NA	<b>3)KAUSHIK ARVIND SATYAPRAKASH</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Horizontal box type heat recovery unit. The heat recovery unit (1) comprises a box type body (2) having a pyramidal hot gas inlet (3) at one end thereof and a pyramidal hot gas outlet (4) at the other end thereof and atleast one tube bank (6, 7) located in the box type body. The tube bank has a working fluid inlet (8) and outlet (9). The heat recovery unit further comprises guide vanes (5) located in the hot gas inlet thereof. The heat recovery unit also comprises a horizontal gas flow partition plate (11) disposed horizontally in the hot gas inlet thereof and extending axially upto the tube bank. The guide vanes are equidistantly located with respect to the inner wall of the hot gas inlet and the partition plate is equidistantly located with respect to the guide vanes

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3038/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :27/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROLE-ALIGNED COMPETENCY AND LEARNING MANAGEMENT SYSTEM

(51) International classification :G06Q50/20  
(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)TATA CONSULTANCY SERVICES LIMITED**

Address of Applicant :Nirmal Building 9th Floor Nariman  
Point Mumbai Maharashtra Maharashtra India

**2)TATA CONSULTANCY SERVICES LIMITED**

(72)Name of Inventor :

**1)MOHANTY Santosh Kumar**

**2)MOHANTY Santosh Kumar**

**3)GODBOLE Nitin**

**4)GODBOLE Nitin**

**5)LANGADE Shailendra**

**6)LANGADE Shailendra**

(57) Abstract :

Systems and methods for managing and utilizing competencies of employees of an organization are provided. The system comprises a processor and a memory coupled to the processor. The memory comprises a Role Managing Module (RMM) configured to define a set of roles in a database. Each role of the set of roles indicates a functional job in the organization. The RMM is further configured to assign an expected maturity level in a set of knowledge dimensions to each role in the set of roles. The set of knowledge dimensions comprises at least one of a Solution Dimension a Technology Dimension a Process Dimension and an Organization Dimension. The system further comprises a planning module configured to create a career progression plan based on the set of roles. The system further comprises an analysis module configured to cater to organizational requirements of managing employee competencies.

No. of Pages : 44 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3077/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :01/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPROVED MAGNETIC SEAL ASSEMBLY

(51) International classification	:F16C19/00
(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	:N/A
(61) Patent of Addition to Application Number	:211631
Filed on	:09/08/2005
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)OMEGA-KEMIX PRIVATE LIMITED**

Address of Applicant :R-333 TTC, MIDC RABALE, NAVI  
MUMBAI, 400 701, MAHARASHTRA STATE, INDIA

(72)Name of Inventor :

**1)MR. RAJIV DESHPANDE**

(57) Abstract :

The improved magnetic seal assembly improves on the magnetic seal assembly of the Indian Patent 211631. The improvements comprise replacing the lower anti-dust bush with a seal between the Inner Bearing Housing and Inner Shaft; providing a pressure equalizer which connects the vessel headspace to the Central Hole; improved design of the Inner Lower Bearing to permit axial movement of the Inner shaft, thereby eliminating axial stresses in the Inner Lower Bearing; providing a sleeve, for example in the form of a hollow cylinder, which serves as a distance piece between inner races of the two inner Bearings thereby restricting the axial movement of the inner race of the inner lower bearing; and finally making the Bearing Housing hollow, where through a coolant is circulated, which helps keep the Inner Bearings cool, and ensures longer operating life. This arrangement also helps cool the Seal.

No. of Pages : 22 No. of Claims : 3



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2520/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :13/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : UNIVERSAL FIXTURE FOR POLAR AXIS MOUNTED SOLAR CONCENTRATORS

(51) International classification	:F24J2/52; F24J2/54	(71) <b>Name of Applicant :</b> <b>1)CHANDAK ANURAG AJAY</b> Address of Applicant :SHAMGIRI, AGRA ROAD, OPP. SWAGAT LODGE, DEOPUR, DHULE: 424 005. STATE MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHANDAK ANURAG AJAY</b>
(87) International Publication No	: NA	<b>2)CHANDAK AJAY GIRDHARILAL</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GULVE VIKAS RAMCHANDRA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Universal fixture for polar axis mounted solar concentrators is provided. Universal fixture for polar axis mounted solar concentrators include a foundation plate, a rotary plate with circular slots, an inclined member with slots, an adjustable member with locking arrangement, a rotary member, a see through rotary pipe member, a solar concentrator and receiver.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2522/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :13/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : TOPICAL FOAM COMPOSITION

(51) International classification	:A61K9/12; A61K 31/415	(71) <b>Name of Applicant :</b> <b>1)CIPLA LIMITED</b> Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI - 400 008, MAHARASHTRA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)MALHOTRA,, GEENA</b>
(33) Name of priority country	:NA	<b>2)PURANDARE, SHRINIVAS MADHUKAR</b>
(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 topical foam pharmaceutical composition for rectal administration comprising rifaximin in the form of nanosized particles is described. Also described is a method of making the composition and the use of the composition to as a medicament.

No. of Pages : 36 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2523/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :13/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : STENTS WITH LOW STRUT THICKNESS AND VARIABLE STRUT GEOMETRY

(51) International classification	:A61F2/90; A61F2/915	(71) <b>Name of Applicant :</b> <b>1)MERIL LIFE SCIENCES PVT. LTD.</b> Address of Applicant :KALPDEEP, PLOT NO. 147, H-1 CHARWADA ROAD, GIDC VAPI, VALSAD, GUJARAT(GJ)- 396 195, INDIA,(IN) Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VYAS, RAJNIKANT GANDALAL</b>
(87) International Publication No	: NA	<b>2)THAKOR, UTPAL DEVENDRA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention disclosed herein is a balloon expandable metallic stent with low and uniform strut thickness for implantation in a body lumen such as artery. The stent consists of variable geometry of scaffold structure consisting of cells with open and closed configuration across its axial length to impart differential mechanical strength to different parts. The closed cell configuration is stronger than the open cell configuration and hence offers more resistance to radial expansion than the open cell configuration. The stent is divided into distinct sections of rows of closed and open cells. By providing closed cells in the end portions and open cells in the central portion of a stent, the dog-boning effect can be eliminated. Other configurations can be created by making only one end section of the stent with closed cells or no section with closed cells. The thickness of the stent made from cobalt-chromium alloy L-605 could be reduced to as low as 35 microns with adequate radial strength as well as fatigue resistance. The stent with thinner struts and elimination of dog-boning effect are known to reduce arterial injury.

No. of Pages : 35 No. of Claims : 16

(54) Title of the invention : DEVICE FOR CONSTANT QUALITY ELECTRICAL OUTPUT IN VARIABLE SPEED WIND TURBINE

(51) International classification	:G05D 19/02	(71)Name of Applicant : <b>1)SHREENEET SHRINIWAS RATHI</b>
(31) Priority Document No	:NA	Address of Applicant :SHRINIWAS HS, BYTCO POINT, NASHIK ROAD,NASHIK, MAHARASHTRA-422 101.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	<b>1)SHREENEET SHRINIWAS RATHI</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention relates to a system capable of efficient extraction of useful electrical energy from available mechanical energy irrespective of its quality i.e. magnitude of its variation in mechanical speeds, mechanical torques and mechanical power. Specifically embodiment is meant for nonrenewable sources of energy, usually highly variable in nature Existing technologies offer extraction of these available energy sources usually in very uneconomic and non-efficient mode, such as use of power electronics, varying the generator speeds away from designed generation speeds, directly compensating the nature of available form of energy etc. Present embodiment with a system more specifically designed for Wind-Energy Conversion System expands its application as one of the most efficient and reliable solutions for variable wind speed operation of WECS with maximum aerodynamic efficiency, maximum generator efficiency, and generating energy in most of the available wind speeds. System incorporates variable wind speed wind rotor, variable transmission, proffered generator and controller to control all the said components. Simplicity of system enables it to be readily adapted by wind energy and other types of non-renewable markets and even sources with variable and fluctuating nature of power.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2867/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :10/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF INDOLINE DERIVATIVES

(51) International classification	:A61P 3/04	(71) <b>Name of Applicant :</b> <b>1)CADILA HEALTHCARE LIMITED</b> Address of Applicant :PLOT NO.26 TO 29 & 31, DABHASA-UMARAYA ROAD, VILL. DABHASA-391440, TAL. PADRA, DIST. VADODARA, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DWIVEDI SHRIPRAKASH DHAR</b>
(87) International Publication No	:N/A	<b>2)SHAH NIRAJ SHYAMLAL</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DESAI JITESH AMRATLAL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for preparing silodosin. The invention relates to the preparation of substantially pure silodosin. The invention also relates to silodosin solid particles, wherein 90 volume-percent of the particles (D90) are less than 10 microns and a process for achieving the particle size (D90) less than 10 microns. The invention also relates to pharmaceutical compositions of silodosin comprising 90 volume-percent of the particles (D90) less than 10 microns.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2734/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : MEM-L

(51) International classification	:h01127/14; h01129/84	(71) <b>Name of Applicant :</b> <b>1)BURHANI FAKHRUDDIN</b> Address of Applicant :61 BHARAWA KI KUI RATLAM (M.P) Madhya Pradesh India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)BURHANI FAKHRUDDIN</b>
(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 :

Abstract: MEM-lever type is highly useful in saving energy as 1. High capacity electric turbines can be run on very low power by cascadic arrangements of MEM-L. 2. Submarines and space rockets can be run with low energy consumption. 3. Cranes can be operated with very low power because MEM-L can work as a fulcrum to lift heavy loads. 4. Vehicles such as cars, trucks etc. can work with very less fuel or even on muscular energy by suitable use of MEM-L. 5. Electricity can also be generated using less fuel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3000/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS PLANT AND TECHNOLOGY FOR PRODUCTION OF PETROL FROM SUGARCANE

(51) International classification	:C10L1/02; C10G3/00	(71) <b>Name of Applicant :</b> <b>1)VIJAYKUMAR LAXMAN DHADGE</b> Address of Applicant :AT/PO-CHANDA, TAL-NEWASA, DIST-AHMEDNAGAR, STATE-MAHARASHTRA, PIN- 414606 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VIJAYKUMAR LAXMAN DHADGE</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The process plant and technology for production of Petrol from sugarcane and other sugar containing crops involves novel catalyst based process plant which converts intermediate products produced from sugarcane, sugar containing, starch and carbohydrate containing crops as well as those sources that can be converted to glucose or fructose monomers to petrol. The petroleum hydrocarbon mixture produced after catalytic conversion can easily be fractionated in fractionation column to produce Petrol. The fuel so produced using this process technology have good applications in current automobiles and is equally competitive to present Petrol available in market which is produced from crude oil.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3002/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPACT INDEX - JRS 5

(51) International classification	:A63F13/00
(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)JAIDEEP KESHAV VARMA**  
Address of Applicant :MONTEVIDEO, 41, REBELLO  
ROAD, BANDRA (W), MUMBAI 400050 Maharashtra India  
(72)**Name of Inventor :**  
**1)JAIDEEP KESHAV VARMA**

(57) Abstract :

This invention provides a process for the measurement of the worth of the cricket players based on the performance of the player in the context of the match situation. It takes into account various criteria like bowling, batting and various other aspects of the game. It measures the relative worth of the player in each match, making it useful in the process of commercial matches like IPL.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3003/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN EDIBLE COMPOSITION

(51) International classification	:A23L1/30; A23L1/06	(71) <b>Name of Applicant :</b> <b>1)HINDUSTAN UNILEVER LIMITED</b> Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI-400020, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BHAT JYOTI</b>
(87) International Publication No	: NA	<b>2)GHASKADBI SAROJ SURENDRA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SINHA SANGEETA</b>
Filing Date	:NA	<b>4)SINKAR VILAS PANDURANG</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an edible composition. It particularly relates to an edible composition for providing protection against oxidative stress and alcohol-induced liver damage i.e. hepatoprotection. The present inventors have surprisingly found that combination of an extract of Angelica with certain herbs provides protection against oxidative stress and liver damage

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3004/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL IMMEDIATE RELEASE TELMISARTAN COMPOSITION

(51) International classification	:A61K 31/4184; A61K 9/14	(71) <b>Name of Applicant :</b> <b>1)VAVIA PRADEEP RATILAL</b> Address of Applicant :VAVIA PRADEEP RATILAL DEPT. OF PHARMACEUTICAL SCIENCES AND TECHNOLOGY, INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY), NATHALAL PARIKH MARG, MATUNGA (EAST), MUMBAI-400 019. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)VAVIA PRADEEP RATILAL</b>
(33) Name of priority country	:NA	<b>2)SANGWAI MAYUR BALKRISHNA</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses the novel oral immediate release formulation of poorly soluble antihypertensive drug telmisartan. The immediate release formulation disclosed in the present invention comprises of amorphous ternary nanocomposites or nano-complex or complex of Telmisartan having average particle size equal to or below 1000 nm. The immediate release refers to more than 85% release of telmisartan in less than 45 minutes or preferably in less than 30 minutes or even more preferably in less than 15 minutes in dissolution media compositions irrespective of pH. The invention also discloses the method of preparation of said ternary nanocomposites of Telmisartan.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3049/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :03/11/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PHOSPHORIC ACID MONO-(1-{4-[(S)-5-(ACETYLAMINO-METHYL)-2-OXO-OXAZOLIDIN-3-YL]-2,6-DIFLUOROPHENYL}-4-METHOXYMETHYL-PIPERIDIN-4-YL) ESTER

(51) International classification :C07F9/09  
(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)WOCKHARDT LIMITED**  
Address of Applicant :D-4 MIDC Industrial area  
Chikalthana Aurangabad - 431210 M.S. India Maharashtra  
India  
(72)Name of Inventor :  
**1)Vijaykumar Jagdishwar Patil**  
**2)Rajkumar Vishwanath Hangarge**  
**3)Zaki Ahmed Burhanuddin Munshi**  
**4)Velupillai Loganathan**  
**5)Bharat Kalidas Trivedi**

(57) Abstract :

The invention relates to a process to prepare pharmacologically active phosphoric acid mono-(1-{4-[(S)-5-(acetylamino-methyl)-2-oxo-oxazolidin-3-yl]-2,6-difluoro phenyl}-4-methoxy methyl-piperidin-4-yl) ester.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2545/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : REFRESHABLE BRAILLE DISPLAY USING STEPPER MOTORS

(51) International classification	:G09B21/00	(71) <b>Name of Applicant :</b> <b>1)SHINDE SATYAJEET</b> Address of Applicant :C 4/12, AWCHS LTD., SALUNKE VIHAR, WANWADI, PUNE-411 022, Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)SHINDE SATYAJEET</b>
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 :

Refreshable Braille display using stepper motors enables visually impaired individuals to read digital textual information as Braille at a very low cost. The mechanism consists of circular wheels 10 that have Braille characters pre-embossed on their rims and the wheels themselves are mounted axially on individual stepper motors 8, whose rotation is controlled by a microcontroller 6. The digital textual information is input from a personal computer into the microcontroller 6. via USB port 4, which then generates signals for the stepper motors such that the wheels rotate so as to position the desired Braille characters on the top-most point of the wheel. Once all the ten wheels have been rotated and the ten characters are positioned at the top-most point of each of the wheels, the user can slide his/her finger(s) across the display window 2 and read the text. Subsequent characters can be displayed similarly.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2696/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : BARRIER DEVICE

(51) International classification	:G06F17/50, H05K7/00	(71) <b>Name of Applicant :</b> <b>1)CONTROL TECHNIQUES LTD</b>
(31) Priority Document No	:1117481.0	Address of Applicant :THE GRO, POOL ROAD
(32) Priority Date	:10/10/2011	NEWTOWN, POWYS SY16 3BE UNITED KINGDOM.
(33) Name of priority country	:GB	BRITISH ISLES
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ROGER NEIL JACKSON</b>
(87) International Publication No	:N/A	<b>2)RHYS MARC OWEN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GARETH HUW JONES</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus (10) for protecting an electronic circuit from an airflow comprises a base (12) including a cover means for covering at least part of the electronic circuit. The apparatus further includes a guide means for guiding the airflow around the electronic circuit.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3066/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :31/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NON-ORIENTED ELECTRICAL STEEL SHEET AND MANUFACTURING METHOD THEREOF

(51) International classification	:B22D11/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)JFE STEEL CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :2-3 Uchisaiwai-cho 2-chome
(33) Name of priority country	:NA	Chiyoda-ku Tokyo 100-0011 Japan.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SHIGA Nobuo</b>
(87) International Publication No	: NA	<b>2)ISHIDA Masayoshi</b>
(61) Patent of Addition to Application Number	:NA	<b>3)TODA Hiroaki</b>
Filing Date	:NA	<b>4)ODA Yoshihiko</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a non-oriented electrical steel sheet having an element composition and a sheet thickness that are adjusted appropriately in which as to the magnetic properties of the steel sheet in the rolling direction an iron loss W15/50 (W/kg) at 1.5 T 50 Hz and an iron loss W5/1000 (W/kg) at 0.5 T 1000 Hz and a magnetic flux density B50 (T) at 5000 A/m are controlled so as to fall within a range that satisfies a relation represented by the following expressions:  $W15/50+(W5/1000/10)=7.0$ ; and  $W15/50+(W5/1000/10)=62B50-97$  to thereby attain motor efficiency that is remarkably higher than ever before as an electric vehicle motor with constantly-changing RPM.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2559/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :15/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K9/20; A61K31/44	(71) <b>Name of Applicant :</b> <b>1)CIPLA LIMITED</b> Address of Applicant :289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI - 400 008, MAHARASHTRA,
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MALHOTRA,, GEENA</b>
Filing Date	:NA	<b>2)PURANDARE, SHRINIVAS MADHUKAR</b>
(87) International 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 hot-melt extruded pharmaceutical composition comprising an antibacterial drug.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2560/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :16/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN ALUNIMA BLOCK FILTER MEDIA.

(51) International classification	:B01J20/08; B01J20/28	(71) <b>Name of Applicant :</b> <b>1)HINDUSTAN UNILEVER LIMITED</b> Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI - 400020, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)ABDUL KAREEM SHAJAHAN</b>
(33) Name of priority country	:NA	<b>2)CHATTERJEE JAIDEEP</b>
(86) International Application No	:NA	<b>3)GUPTA SANTOSH KUMAR</b>
Filing Date	:NA	<b>4)PRATAP SHAILENDRA</b>
(87) International Publication No	: NA	<b>5)RAMACHANDRA RAJEESH KUMAR</b>
(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 activated alumina block filter media and a process for preparation of the alumina block, for use in gravity fed water filters and pressurized water filters for efficiently filtering particulate contaminants including microorganisms like cysts, bacteria and virus apart from removal of chemical contaminants while at the same time providing for relatively high flow rates. The alumina block filter media for use in gravity fed water filters and pressurized water filters comprises (a) activated alumina having a particle size in the range of 100 to 1000 microns and with a BET surface area in the range 200 to 1000 m<sup>2</sup>/g and (b) a binder material having a Melt Flow Rate (MFR) of less than 5 Wherein the ratio of activated alumina particles to the binder is in the range of 1:1 to 20:1 by weight.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2560/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS FOR WETTING A WEB OF MATERIAL WITH A LIQUID

(51) International classification	:B05B15/04	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11180429.0	<b>1)Reifenhuser GmbH &amp; Co.KG Maschinenfabrik</b>
(32) Priority Date	:07/09/2011	Address of Applicant :Spicher Strasse 46-48 53844
(33) Name of priority country	:EPO	Troisdorf Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NITSCHKE Michael</b>
(87) International 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 apparatus for wetting a material web with a liquid in which the material web is guided in a travel direction L through the ap-paratus which includes guide means for guiding the material web and applica-tion means for applying the liquid to the material web; on the side of the material web oriented away from the application means a spray guard is provided which rests directly against the material web.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2703/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR CONTROLLING THE LUBRICATION OF A GEAR SYSTEM

(51) International classification	:F16H57/04
(31) Priority Document No	:11182316.7
(32) Priority Date	:22/09/2011
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(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)MOVENTAS WIND OY**  
Address of Applicant :VESANGANTIE 1,P.O. BOX 158,  
FI-40101 JYVASKYLA, FINLAND

(72)**Name of Inventor :**  
**1)UUSITALO, KARI**  
**2)ELFSTROM, JUKKA**

(57) Abstract :

A gear lubrication arrangement comprises a lubrication pump for circulating lubrication fluid. A power source coupled to the lubrication pump drives the lubrication pump, and a controller controls an output power of the lubrication pump. The gear lubrication arrangement comprises a pressure sensor disposed down-stream of the lubrication pump. The pressure sensor is configured to measure a pressure of the lubrication fluid and to produce a pressure indication signal representative thereof. The controller is arranged to vary the output power of the lubrication pump at least partly on the basis of the pressure indication signal. Ref.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2914/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :18/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIFE BOAT DESK.

(51) International classification	:B63C 9/02	(71) <b>Name of Applicant :</b> <b>1)SAURABH K SHARMA</b>
(31) Priority Document No	:NA	Address of Applicant :SHRINIWAS COLONY, HOUSE
(32) Priority Date	:NA	NO.169, WARDHA-442001, MAHARASHTRA India
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SAURABH K SHARMA</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract: A device is useful as the deck of ship, as well as a life boat for saving the lines of people on boards is disclosed. The device is an light weight material boat with hucks and guiding bar at the bottom. The hucks 102 are arranged to ramp. By using this device many lives can be saved during marine accidents and search operation of life boat

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1808/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :03/09/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MEDICINAL ANTI DIAPER - MICONAZOLE NITRATE CREAM INCORPORATING A BIOPOLYMER AND A PROCESS TO MAKE IT

(51) International classification	:A61K 5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MR. SULUR, SUBRAMANIAM VANANGAMUDI</b>
(32) Priority Date	:NA	Address of Applicant :NO: 29, VGP LAYOUT, 4TH
(33) Name of priority country	:NA	ROAD, INJAMBAKKAM, CHENNAI-600 041, TAMIL
(86) International Application No	:NA	NADU STATE, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)MR. SULUR, SUBRAMANIAM VANANGAMUDI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MR. SRINIVASAN, MADHAVAN</b>
Filing Date	:NA	<b>3)MR. CHULLIEL, NEELAKANDAN NARAYANAN</b>
(62) Divisional to Application Number	:NA	<b>4)MR. KAUSIK GHOSH</b>
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a composition for treating diaper rashes, along with skin rejuvenation containing a) a biopolymer in the form of Chitosan, b) active pharmaceutical ingredients (APIs), namely Miconazole Nitrate, used in treating diaper rash, c) a cream base containing primary and secondary emulsifiers, waxy materials, co-solvents, acids, preservatives, buffering agents, anti oxidants, chelating agents, and humectants, and d) water. The active ingredients, namely chitosan, a anti diaper rash active agent in the form of Miconazole Nitrate, are incorporated in cream base for use in treating diaper rashes due to allergy & itching, & wounds on human skin involving contacting human skin with the above identified composition.

No. of Pages : 43 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2993/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : BUSINESS PROCESS TRACKING

(51) International classification	:H04L 29/08; H04L12/24	(71) <b>Name of Applicant :</b> <b>1)TATA CONSULTANCY SERVICES LIMITED</b> Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)THATIKONDA, VENKATA KAMESH</b>
(33) Name of priority country	:NA	<b>2)SENGUPTA, TUHIN</b>
(86) International Application No	:NA	<b>3)SHARMA, ANSHUMAN</b>
Filing Date	:NA	<b>4)SAXENA, ASHVINI</b>
(87) International Publication No	: NA	<b>5)SUBRAMANIAM, GANAPATHY, N</b>
(61) Patent of Addition to Application Number	:NA	<b>6)SAI, PRADEEP</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems described herein implement a business process tracking system (102) for managing business processes in a business application. In one implementation, business process tracking system (102) is configured to provide a screen flow corresponding to at least one business process. The screen flow is provided in a display window of the business application, such that the display window is independent of the content of a current window.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2996/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL DOSAGE FORMS OF SERRATIOPEPTIDASE

(51) International classification	:A61K38/17; A61K38/02	(71) <b>Name of Applicant :</b> <b>1)POONAM DISTRICT EDUCATION ASSOCIATION'S SETH GOVIND RAGHUNATH SABLE COLLEGE OF PHARMACY</b> Address of Applicant :48/1A, ERANDWANE, PAUD ROAD, PUNE-411038, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)HARDIKAR SHARWAREE RAJAN</b>
(33) Name of priority country	:NA	<b>2)BHOSALE ASHOK VITTHAL</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is directed to a novel pharmaceutical composition comprising one or more antifungal agent one or more proteolytic enzyme or water and one or more mucoadhesive agents. The novel composition is advantageously used as antifungal infection particularly due to resistant strains of Candida albicans to azole antifungal agents and biofilm producing strains in immunocompromised and / or normal individuals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2997/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :28/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED FOOTREST OF W.C. PAN

(51) International classification :A47K13/00  
(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)ARVIND MADAN MAHAJAN**  
Address of Applicant :D-1, DHANRATNA APARTMENT  
OPP. NAVRATG CINEMA, ANDHERI (W) MUMBAI-  
400058 Maharashtra India  
(72)**Name of Inventor :**  
**1)ARVIND MADAN MAHAJAN**

(57) Abstract :

The present invention relates to an improved footrest of a W.C. Pan, the improvement is characterized in that the footrest comprises a rear foot end (3) and a front foot end (4), the rear foot end (3) being disposed at a height higher than that of the front foot end (4), and in that a slope (9) between the rear foot end (3) extending to the front foot end (4) is maintained with respect to the W.C. Pan at a value ranging between 1/15 to 1/20.

No. of Pages : 15 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2415/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :30/08/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : ANTIUROLITHIATIC ACTIVITY OF A POLYHERBAL PRODUCT UNEX

(51) International classification	:A61k 36/00	(71) <b>Name of Applicant :</b> <b>1)UNIJULES LIFE SCIENCES LTD.</b> Address of Applicant :NO. 1505/1, UNIVERSAL SQUARE SHANTINAGAR, NAGPUR, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SHOWKAT AHMAD PATNI</b>
Filing Date	:NA	<b>2)ANWAR SIRAJ DAUD</b>
(87) International Publication No	: NA	<b>3)SHAMSUDDIN JAMALLUDIN</b>
(61) Patent of Addition to Application Number	:NA	<b>4)SUHAIL ASGHAR</b>
Filing Date	:NA	<b>5)GUPTA VIPIN BIHARI</b>
(62) Divisional to Application Number	:NA	<b>6)EDWIN JARALD</b>
Filing Date	:NA	<b>7)PANKAJ KUSHWAH</b>

(57) Abstract :

Abstract of invention (Not applicable in case of provisional specification. Separate sheet to be used for this column.)e antiurolithiatic activity of a polyherbal formulation, Unex. Urolithiasis or form The present invention relates to thation of urinary calculi at any level of the urinary tract is a common condition and are characterized clinically by colicky pain. The present invention relates with the discovery of one polyherbal product, Unex manufactured by Unijules Life Sciences Ltd., and Associated Companies, Nagpur, containing the extracts of Boerrhavia diffusa and Tribulus terrestris in the ratio of 2:1, which has been found effective in prevention of formation of kidney stones. The capsules containing the extracts of both the herbs were procured from the Unijules Life Sciences Ltd., and Associated Companies, Nagpur. A study was conducted to determine the effect of Unex in kidney stone formation using Ethylene glycol induced model. Cystone 750 mg/kg was used as the standard drug to compare the efficacy of Unex. Five groups containing 6 animals in each group were subjected to 0.75% ethylene glycol into drinking water for four weeks and the sixth group was kept as normal control. 15 day onwards till 28! day Unex in two doses, 200 and 400 mg/kg, and cystone were given to three groups of animals. Remaining one group served as negative control, untreated. On 29th day the urine of animals was analyzed for calcium, phosphate and oxalate. Serum was analyzed for creatinine, uric acid and urea nitrogen. Urinary volume was measured by using measuring cylinder, and reported in ml. Uric acid crystals were found to deposit most frequently in the concentrated acid urine. Thus the acidity of the urine was also tested using pH meter. Results indicated that the capsule Unex prevented the rise of Oxalate, calcium and phosphate which are the main markers of urolithiasis (Table 1). Stone formation leads to the increased levels of blood urea nitrogen, creatinine and uric acid. Treatment with Unex has restored these values significantly (Table 2). The low dose of Unex was found better active. Increased urinary output was identified in the Unex treated group, which confirms its activity as diuretic. Unex has prevented the rise in pH of treated group when compared to model control group

No. of Pages : 6 No. of Claims : 5



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1812/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :03/09/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NOVEL,STABLE,PALATABLE ORAL LIQUID FORMULATION AND A PROCESS TO MANUFACTURE THE SAME

(51) International classification	:A6K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SULUR, SUBRAMANIAM VANANGAMUDI</b>
(32) Priority Date	:NA	Address of Applicant :NO.29,VGP LAYOUT, 4TH ROAD,
(33) Name of priority country	:NA	INJAMBAKKAM, CHENNAI-600041, TAMILNADU
(86) International Application No	:NA	STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SULUR, SUBRAMANIAM VANANGAMUDI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)DEVENASETTI, SRINIVASRAO</b>
Filing Date	:NA	<b>3)CHULLIEL, NEELAKANDAN NARAYANAN</b>
(62) Divisional to Application Number	:NA	<b>4)KUPPUSAMY, SENTILKUMAR</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved pharmaceutical composition which comprises an aqueous dispersion of one or more cellulose derivatives containing salbutamol and/or one or more of its physiologically acceptable salts and guaiphenesin. The pH of the formulation has been maintained at around 4.5 with citrate buffer for better stability of salbutamol. The liquid formulation of the present invention is found to be stable over its shelf life as confirmed by accelerated studies. The present invention is also directed to an innovative process of formulating an oral liquid dosage form containing Salbutamol sulphate and Guaiphenesin as APIs, and possessing good stability coupled with palatability. The invention is useful as a treatment of Asthma, and used as bronchodilator and expectorant in certain respiratory conditions.

No. of Pages : 49 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2964/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SIM CARD STRUCTURE•

(51) International classification	:G06K9/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)BEAUTIFUL CARD CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :No.4 Wenming 1st. Guishan
(33) Name of priority country	:NA	Township Taoyuan County 333 Taiwan (R.O.C.) Taiwan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHENG MENG-JEN</b>
(87) International 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 SIM card structure includes a board being provided on one face with multiple spaced zones, within each of which multiple discontinuous open slots being formed to enclose an area therein, and any two adjacent open slots being spaced by a link portion, such that the open slots and the link portions together define the area enclosed in the open slots as a card body in each of the spaced zones and there are multiple card bodies defined on the board, and the card bodies respectively having a receiving area provided thereon; and a plurality of IC chips being received in the receiving areas on the card bodies in one-to-one correspondence. In this manner, the card bodies can be manufactured at reduced cost without wasting material and require less space for storage. Further, any one of the card bodies can be easily removed from the board for use.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2833/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :12/10/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF RACEMIC 6, 6-DIMETHYL-3-AZABICYCLO-[3.1.0.]-HEXANE AND ITS SALTS, A KEY RAW MATERIAL FOR HCV INHIBITOR.

(51) International classification	:C07D209/52	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ARCH PHARMALABS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant : 'H' WING, 4TH FLOOR, TEX
(33) Name of priority country	:NA	CENTRE, OFF SAKI VIHAR ROAD, CHANDIVALI,
(86) International Application No	:NA	ANDHERI (EAST), MUMBAI - 400 072, INDIA Maharashtra
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)SHINDE, ANANT DHARMA</b>
Filing Date	:NA	<b>2)PAI, GANESH GURPUR</b>
(62) Divisional to Application Number	:NA	<b>3)MANDAL, ARUN KANTI</b>
Filing Date	:NA	<b>4)RANBHAN, KAMLESH JAYANTILAL</b>
		<b>5)CHAUDHARI , BAPU ATMARAM</b>
		<b>6)SONAVANE, SACHIN ULHAS</b>

(57) Abstract :

The present invention discloses an improved process for the preparation of racemic 6, 6-dimethyl-3-azabicyclo-[3.1.0]-hexane of formula I and its salts. The invention relates to the compounds of formulae I and II. The compound of formula I is a key raw material for the preparation of key intermediate (1R, 2S, 5S) - methyl 6,6-dimethyl -3-azabicyclo [3.1.0] hexane-2 carboxylic acid and ester and salts of formula III for a class of inhibitors of the protease of the formula PI.

No. of Pages : 45 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2834/MUMNP/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF CARRYING OUT PYROLYSIS AND PYROLYSIS APPARATUS

(51) International classification :C10B49/22,C10B53/02,C10B49/16  
(31) Priority Document No :20095614  
(32) Priority Date :02/06/2009  
(33) Name of priority country :Finland  
(86) International Application No :PCT/FI2010/050443  
Filing Date :01/06/2010  
(87) International Publication No :WO 2010/139854  
(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)UPM KYMMENE CORPORATION**  
Address of Applicant :Etelesplanadi 2 FI 00130 Helsinki  
Finland  
**2)METSO POWER OY**  
(72)**Name of Inventor :**  
**1)JOKELA Pekka**  
**2)LEHTO Jani**

(57) Abstract :

The invention relates to a method of carrying out pyrolysis process in a pyrolysis reactor (4) for solid fuel to produce pyrolysis oil. The method comprises supplying solid fuel into a drying zone in the pyrolysis reactor (4) for removing moisture containing gases drying the solid fuel in the drying zone and extracting the moisture containing gases removed from the solid fuel out of the pyrolysis reactor (4) passing the dried solid fuel from the drying zone to the pyrolysis zone of the pyrolysis reactor (4) pyrolyzing the dried solid fuel for separating pyrolysis gases from the dried solid fuel and conducting the pyrolysis gases from the pyrolysis reactor (4) to a condenser (8) for producing pyrolysis oil.

No. of Pages : 26 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2945/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ONE POT PROCESS FOR PREPARATION OF CIS-2 METHYL SPIRO (1,3-OXATHIOLANE-5,3') QUINICLIDINE

(51) International classification	:C07D 453/02	(71)Name of Applicant : <b>1)CADILA HEALTHCARE LIMITED</b> Address of Applicant :PLOT NO 26-29 & 31, DABHASA- UMARAYA ROAD, VILL, DABHASA- 391440,TAL.PADRA, DIST. VADODARA, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)DWIVEDI SHRIPRAKASH DHAR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)PATEL DHIMANT JASUBHAI</b>
Filing Date	:NA	<b>3)SHAH ALPESH PRAVINCHANDRA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses one pot process for preparation of cis-2-Methyl spiro(1,3-oxathiolane-5,3') quiniclidine. The present invention also discloses substantially pure cis-2-Methyl spiro(1,3-oxathiolane-5,3') quiniclidine and its pharmaceutically acceptable salts and process for preparing thereof, crystalline form of cis-2-Methyl spiro(1,3-oxathiolane-5,3') quiniclidine and its pharmaceutically acceptable salts and process for preparing thereof and pharmaceutical composition comprising cis-2-Methyl spiro(1,3-oxathiolane-5,3') quiniclidine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2946/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/10/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CURRENT LIMITING CIRCUIT BREAKER WITH CONTACT LOCKING ARRANGEMENT FOR HIGH ELECTRO DYNAMIC WITHSTAND

(51) International classification	:H01H1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)LARSEN &amp; TOUBRO LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :L&T HOUSE,BALLARD
(33) Name of priority country	:NA	ESTATE,MUMBAI- 400 001, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SUNIL DAYALAPALLI</b>
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A contact locking arrangement for a circuit breaker is provided. The contact locking arrangement comprises a drive shaft, a moving contact and a locking assembly coupled to the moving contact and the drive shaft. The locking assembly has a first and second upper link, a first and second lower link and a plurality of springs connecting the first upper link to the second upper link, wherein in ON condition locking assembly produces counter clockwise torque on the moving contact to restrain movement of the contact. Reference

No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3026/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ANTIMICROBIAL PRESERVATIVE COMPOSITIONS FOR PERSONAL CARE PRODUCTS

(51) International classification	:A01N31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)GALAXY SURFACTANTS LTD.</b>
(32) Priority Date	:NA	Address of Applicant :C-49/2,TTC INDUSTRIAL AREA,
(33) Name of priority country	:NA	PAWNE,NAVI MUMBAI 400 703, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	<b>1)KOSHTI, NIRMAL;</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RATNAPARKHE, SHRADDHA, KIRAN;</b>
Filing Date	:NA	<b>3)MALI, DEVYANI, ASHOK;</b>
(62) Divisional to Application Number	:NA	<b>4)SAWANT, BHAGYESH;</b>
Filing Date	:NA	<b>5)VAIDYA, POOJA,DINKAR;</b>

(57) Abstract :

A personal product antimicrobial preservative composition for preservation of topical personal care formulations is provided comprising [A] one or more undecylenic acid derivatives depicted by Formula (I), Formula (I) [B] one or more octanoic acid derivatives depicted by Formula (II), Formula (II) and [C] 2-phenoxy ethanol or 2-ethyl hexyl glyceryl ether or mixture of these two 'liquid alcohol ethers'; wherein, each of the two components [A] and [B] is present in the range of 5 to 20 % by weight and together [A] and [B] constitute 10 to 30 % by weight and the 'liquid alcohol ether', component [C], is present 70 to 90 % by weight of the total preservative composition. A method for preserving personal care product from microbial attack is provided containing an aqueous phase comprising three component composition from about 0.5 to 2.5 % by weight of the total personal care formulation.

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2006/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :02/09/2009

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPOSITION AND PROCESS FOR TREATMENT OF A FABRIC

(51) International classification	:CO7 D 5/00	(71) <b>Name of Applicant :</b> <b>1)HINDUSTAN UNILEVER LIMITED</b> Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI-400020, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)PERINCHEERY ARAVINDAKSHAN</b>
Filing Date	:NA	<b>2)BARNE SAMEER KESHAV</b>
(87) International Publication No	:N/A	<b>3)RASTOGI ABHISHEK</b>
(61) Patent of Addition to Application Number	:NA	<b>4)SINHA ARCHANA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for treatment of a fabric. It further relates to a composition and a kit for treatment of a fabric. The invention will be described hereinafter with reference to this application. However, it will be appreciated that the invention is not limited to this particular field of use. It is an object of the present invention is to provide a process for treatment of a fabric that improves efficacy of subsequent cleaning. Surprisingly It is found that a mixture of two (or more) complex forming polymers, wherein one of the polymers is shielded from the other(s) by a spacer compound, solves the problem of stability, while providing the desired cleaning benefit.

No. of Pages : 25 No. of Claims : 7



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2535/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 21/06/2013

(54) Title of the invention : HARD ENCASED SOFT LUGGAGE WITH ZIPPERED UPRIGHT CASE

(51) International classification	:a45c 13/28; a45c 5/14; a45c 13/10	(71) <b>Name of Applicant :</b> <b>1)VIP INDUSTRIES LIMITED</b> Address of Applicant :78 A MIDC ESTATE, SATPUR, NASHIK 422007 INDIA Maharashtra India (72) <b>Name of Inventor :</b> <b>1)MR. HEMANT SHANKAR JERE</b>
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to novel modified soft luggage top (15) & bottom (16) shells are made up of fabric + EVA combination and constructed in suitable shape and design, which are exactly matching or similar shape matching to the inside of the hard shells (1) (2). The hard shells (1) (2) are made transparent or translucent using a suitable material like ABS / Polycarbonate or PP / HDPE and are constructed in suitable shape and design, which are exactly matching or similar shape matching to the outside of the soft shells (15)(16). Any suitable fabric material viz. polyester, nylon, cotton, denim, jute etc. can be used with a combination of stitching patterns. Fabric and EVA combination (15) (16) are formed using a pasting and pressure forming or vacuum forming method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1025/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICLE BRAKE HYDRAULIC PRESSURE CONTROL APPARATUS

(51) International classification	:B62D, F16M	(71) <b>Name of Applicant :</b> <b>1)NISSIN KOGYO CO. LTD.</b>
(31) Priority Document No	:2011- 068223	Address of Applicant :840 Kokubu Ueda-city Nagano Japan
(32) Priority Date	:25/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)KODAMA Takuro</b>
(86) International Application No	:NA	<b>2)NAKAMURA Motoyasu</b>
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 brake hydraulic pressure control apparatus includes: a control unit into which a base body a motor and a controller housing are unitized and in which the motor and the controller housing are disposed so as to hold the base body therebetween; and a support device interposed between a vehicle body and the control unit. The support device has a lower mount member fixed to a lower surface of the base body that becomes vertical when the control unit is mounted on the vehicle body and a bracket that connects the lower mount member with the vehicle body. A center of gravity of the control unit is situated on the base body. The lower mount member is supported by the bracket to be situated at an intersection point between a vertical line passing through the center of gravity and the lower surface of the base body.

No. of Pages : 53 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1025/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : WASHING AND STERILIZING UNIT

(51) International classification	:B08B9/28
(31) Priority Document No	:09166536.4
(32) Priority Date	:28/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053214
Filing Date	:14/07/2010
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)SLOOT Eric Mark**  
**2)KOOLJER Klaas**  
**3)WIJMA Willem Sjouke**

(57) Abstract :

A unit for washing and/or sterilizing a baby care component is disclosed. The unit comprises a base and a lid the base having a bottom wall and a side wall extending upwardly from the periphery of the bottom wall wherein a line of closure between the base and the first lid portion at least partially extends in a direction away from the bottom wall.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1026/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF PRODUCING 4-DEMETHOXYDAUNORUBICIN

(51) International classification	:C07H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/097,	<b>1)SYNBIAS PHARMA LTD.</b>
(32) Priority Date	131	Address of Applicant :Krepilshchikov Str. 181 83085
(33) Name of priority country	:29/04/2011	Donetsk UKRAINE
(86) International Application No	:U.S.A.	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Alexander ZABUDKIN</b>
(87) International Publication No	: NA	<b>2)Victor MATVIENKO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Alexey MATVYEYEV</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for the synthesis of 4-demethoxydaunorubicin (idarubicin) having the chemical structure of formula (I) which involves the demethylation of 3-Prot-daunorubicin in the presence of a soft Lewis acid. The method of the present invention does not comprise cleavage of the glycosidic linkage at carbon C7 thus resulting in a faster synthesis cycle and an improved yield of the final product.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1026/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A LANYARD DEVICE

(51) International classification	:A45F5/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09166541.4	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:28/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053267	(72) <b>Name of Inventor :</b>
Filing Date	:19/07/2010	<b>1)WEIL Jonathan L.</b>
(87) International 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 lanyard device (5) comprises a first cord (10) coupled to a first and second coupling means (20 30) which can be detachably coupled. The first cord is arranged in a loop that can be worn around a user<sup>TM</sup>s (200) neck. The first and second coupling means realize a safety release feature that minimize the risk of strangulation by opening the loop when a predetermined force acts on the first cord. The lanyard device further comprises a retention feature that keeps a communication device (110) attached to the lanyard device in the vicinity of the user in case the release feature is activated. The retention feature may be realized by a second cord (40) which is also coupled to the first and second coupling means.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1027/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AIR-CONDITIONING CONTROL APPARATUS\*

<p>(51) International classification :F24F (31) Priority Document No :2011-063999 (32) Priority Date :23/03/2011 (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</p>	<p>(71)Name of Applicant : <b>1)SUZUKI MOTOR CORPORATION</b> Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-Ken 4328611 Japan (72)Name of Inventor : <b>1)Isamu ITO</b> <b>2)Hideki HASHIGAYA</b> <b>3)Yuki FUTSUHARA</b> <b>4)Yorisada KONDO</b></p>
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(57) Abstract :

An air-conditioning control apparatus performs detailed determination of the operating conditions of an air-conditioning apparatus and performs efficient air-conditioning control such that power distribution is changed based on the detailed determination in order to improve the comfort of occupants under a limitation on air-conditioning thereby balancing ensuring the range with ensuring the comfort of the occupants. The air-conditioning control apparatus calculates usable power amounts for a cooling unit and a heating unit and drives the cooling unit and the heating unit based on drive limit values. It allocates power amounts calculated for the condition of the battery and the vehicle drive that can be allocated to the air-conditioning equipment to the cooling unit and the heating unit according to an air-conditioning state that is set automatically or manually thereby enabling necessary heating and cooling to be used to its full extent even during limitations on air-conditioning.

No. of Pages : 28 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.103/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DRAFT CONTROL METHOD FOR OPERATING AN EARTH MOVING MACHINE

(51) International classification	:A01B
(31) Priority Document No	:13/006114
(32) Priority Date	:13/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	: NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)HUSCO INTERNATIONAL, INC.**  
Address of Applicant :2239 PEWAUKEE ROAD,  
WAUKESHA WISCONSIN 53187 U.S.A.  
(72)**Name of Inventor :**  
**1)SCHEDGICK, DAVID J.**  
**2)GRIESBACH, ERIC N.**

(57) Abstract :

The hitch on a vehicle is moved by a hydraulic actuator. A method for controlling the hydraulic actuator defines a draft force setpoint in response to separately averaging two forces acting on lateral sides of the hitch, while operating in a configuration mode. During regular operation, a draft load is calculated from sensing those two forces and deriving a draft force error from difference between the draft load and the draft force setpoint. The draft force error is used to control fluid flow to and from the hydraulic actuator. One aspect of the control method derates the draft force error as the hitch moves beyond a predefined threshold position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1030/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MANAGING ATMOSPHERE PROGRAMS FOR ATMOSPHERE CREATION

(51) International classification :H05B37/02

(31) Priority Document No :09166752.7

(32) Priority Date :29/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053315

Filing Date :21/07/2010

(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)SOROKIN Mikhail V.**

(57) Abstract :

The invention relates to the management of atmosphere programs including lighting scenes for lighting systems, audio, video, scent or any combination of the above, particularly to a user interface for comfortably selecting an atmosphere program to be created by an atmosphere creation system. A basic idea of the invention is to provide a central control of atmosphere programs together with the possibility of interactively selecting an atmosphere program to be activated locally with an atmosphere creation system. This is particularly useful for large retail chains, which for example require a uniform lighting atmosphere in all chain shops and want to provide their shop personal to comfortably select among a predefined set of lighting scenes in a comfortable way. An embodiment of the invention relates to an atmosphere program management system (10) comprising - a server (12), which is remotely accessible via a data connection and stores atmosphere programs and - a remote management client (14) for accessing the server and providing a user interface for managing the atmosphere programs stored by the server.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1079/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SCALABLE VIDEO CODEC ENCODER DEVICE AND METHODS THEREOF

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/084,142	<b>1)VIXS SYSTEMS, INC.</b>
(32) Priority Date	:11/04/2011	Address of Applicant :1210 SHEPPARD AVE. E., SUITE
(33) Name of priority country	:U.S.A.	800, TORONTO, ONTARIO M2K 1E3 Canada
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WANG, LIMIN (BOB)</b>
(87) International Publication No	: NA	<b>2)YANG, YINXIA(MICHAEL)</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ZHANG, XIANGJUN(MAGGIE)</b>
Filing Date	:NA	<b>4)GUO, XIN(CINDY)</b>
(62) Divisional to Application Number	:NA	<b>5)ZHAO, ZU GANG(WILF)</b>
Filing Date	:NA	

(57) Abstract :

Encoding a video signal according to a scalable video coding (SVC) technique employs two different encoding paths for the base layer and the enhancement layers respectively, whereby the two encoding paths share common hardware encoding modules. For example, a control module can route received video information associated with the base layer directly to the hardware encoder modules for encoding, while routing video information associated with the enhancement layers to an upscaler. The upscaled video information is then provided to the hardware encoder module for processing in similar fashion to the base layer information. The hardware encoder provides encoded video information to another control module, which determines whether to route the information to a hardware or software entropy encoder, based on whether the encoded video information is associated with the base layer or an enhancement layer, respectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.108/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM FOR FIXING ACCESSORIES ON FRAMES MADE OF METAL MATERIAL FOR DOORS, WINDOWS, AND THE LIKE

(51) International classification	:F16B
(31) Priority Document No	:TO2011A000008
(32) Priority Date	:12/01/2011
(33) Name of priority country	:Italy
(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)SAVIO S.P.A.**

Address of Applicant :VIA TORINO, 25 (S.S.n. 25), I-10050 CHIUSA SAN MICHELE (TORINO) Italy

(72)**Name of Inventor :**

**1)BALBO DI VINADIO, AIMONE**

(57) Abstract :

A system for fixing an accessory (2) on a metal frame (3) for doors, windows, and the like, including a screw (1) having a head (5) and a self-tapping threaded stem (4) with metric thread, the end (8) of which opposite to the head (5) is tapered. The ratio between the external diameter of the self-tapping stem (4) of the screw (1) and the diameter of the through hole (16) of the wall (15) of the frame (3) is comprised approximately between 1.4 and 1.25, and the ratio between the diameter of the through hole (16) of said wall (15) and its thickness is comprised approximately between 2.5 and 5.5 and more preferably between 3 and 5.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1033/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DISTRIBUTED IMAGE RETARGETING

(51) International classification :G06T3/40  
(31) Priority Document No :09305715.6  
(32) Priority Date :30/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053396  
Filing Date :27/07/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
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EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)DE HAAN Gerard**

(57) Abstract :

A method for retargeting an image in a system comprising a transmitter connected to at least one receiver through a communication network comprises: - computing (35) by said transmitter a saliency map of said image; - transmitting (37) said image and said saliency map from said transmitter to said at least one receiver through said communication network; - retargeting (41) by said at least one receiver said transmitted image based on said transmitted saliency map.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1034/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DECORATED ENAMELLED PART

(51) International classification	:G04B
(31) Priority Document No	:11159377.8
(32) Priority Date	:23/03/2011
(33) Name of priority country	:EPO
(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)Rubattel & Weyermann S.A.**

Address of Applicant :Rue Jardinière 119 2300 La Chaux-  
De-Fonds Switzerland

(72)Name of Inventor :

**1)JEANRENAUD Frdric**

**2)BOURBAN Stewes**

(57) Abstract :

The invention relates to an enamelled part (3 11 21) for a dial comprising a ceramic substrate (31) coated with a first enamel layer (4 12 24 33) to improve the appearance of said part. According to the invention the part includes at least one other enamel layer (6<sup>TM</sup> 8<sup>TM</sup> 9 14 16 25 35 37 39 41 43 45) partially covering the first enamel layer (4 12 24 33) so as to form a decoration with a similar improved appearance. The invention concerns the field of timepieces jewellery and gems.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1034/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS OF DETERMINING EXHALED NITRIC OXIDE

(51) International classification :A61B5/08  
(31) Priority Document No :09166814.5  
(32) Priority Date :30/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053361  
Filing Date :23/07/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)VAN KESTEREN Hans Willem**  
**2)VINK Teunis Johannes**  
**3)WILLARD Nicolaas Petrus**

(57) Abstract :

A method and apparatus of determining the level of exhaled nitric oxide (NO) is disclosed. The method involves measuring the level of exhaled NO (34) and the corresponding exhalation flow rate in one or more exhalations (30 32) of a tidal breathing manoeuvre performed by a subject. The data is used with a model describing the flow dependence of exhaled NO to derive a value for exhaled NO corresponding to a fixed flow rate especially to an exhaled NO level corresponding to a fixed flow rate of 50 ml/s. During the manoeuvre a variation in flow restriction (31) may be applied so as to vary the overall flow rate of exhalation. The method offers a simple and quick way to determine exhaled NO levels with good accuracy and is suitable for use with children.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1035/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF FILTERING A SIGNAL AND OF OBTAINING FILTER COEFFICIENTS

(51) International classification :G06T5/00  
(31) Priority Document No :09305717.2  
(32) Priority Date :30/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053360  
Filing Date :23/07/2010  
(87) 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 :**  
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Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)VAN DER VEN John Cornelius Petrus**  
**2)TEGENBOSCH Jeroen Arnoldus Paulus**

(57) Abstract :

A method of filtering a signal includes determining a class of a section (23;39) of the signal obtained as input wherein the determination of the class includes calculating a signal section (28;41) comprising at least a component representative of a derivative of at least a first order of the input signal section (23;39) and applying a quantisation operation to the calculated signal section (28;41). A digital filter associated with the class is selected from a plurality of available filters. In the quantisation operation a quantisation step is adapted to a dynamic range of the calculated signal section (28;41).

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1084/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD, APPARATUS AND HANDSET

(51) International classification	:G06T	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:1105218.0	<b>1)SONY CORPORATION</b>
(32) Priority Date	:29/03/2011	Address of Applicant :1-7-1 KONAN, MINATO-KU 108-
(33) Name of priority country	:U.K.	0075 TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ROBERT MARK STEFAN PORTER</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of annotating, on a display, a plurality of objects in an image of a scene captured by a camera, the method comprising: receiving i) metadata representing the different annotations to be applied to each of the objects, and ii) position information identifying the real-world position of each object in the scene to which the annotations in the image are to be applied; determining the focal length of the camera and the tilt applied to the camera; determining the position of the camera with respect to the scene being captured; and applying the annotation to the image captured by the camera in accordance with the position information.

No. of Pages : 78 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR A USER INPUT ELEMENT IN AN ELECTRONIC DEVICE

(51) International classification	:G02B
(31) Priority Document No	:12/984292
(32) Priority Date	:04/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)NOKIA CORPORATION**  
Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo  
Finland  
(72)**Name of Inventor :**  
**1)Ralf Wieser**  
**2)Somakanthan Somalingam**

(57) Abstract :

In accordance with an example embodiment of the present invention, an apparatus is provided, comprising: a user input element body; a photochrome layer, the photochrome layer disposed on a surface of the user input element body; and an aperture through the photochrome layer, the aperture having a character shape.

No. of Pages : 31 No. of Claims : 22



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1000/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INTEGRATED PLASTIC THROTTLE BODY ELECTRONIC CONTROL UNIT AND SENSORS FOR SMALL ENGINES

(51) International classification	:G01D	(71)Name of Applicant :
(31) Priority Document No	:13/069,910	<b>1)Visteon Global Technologies Inc.</b>
(32) Priority Date	:23/03/2011	Address of Applicant :One Village Center Drive Van Buren
(33) Name of priority country	:U.S.A.	Township Michigan 48111-5711 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LEMECHA Myron</b>
(87) International Publication No	: NA	<b>2)GIETZEN-JETT Diane Marie</b>
(61) Patent of Addition to Application Number	:NA	<b>3)BREFELD Thomas Edward</b>
Filing Date	:NA	<b>4)BELKE Robert Edward</b>
(62) Divisional to Application Number	:NA	<b>5)SPRING Gary</b>
Filing Date	:NA	<b>6)JOYCE Terry</b>

(57) Abstract :

An electronic control assembly for a throttle body includes a lower housing portion having a plurality of apertures formed therethrough a circuit board disposed adjacent at least a portion of the lower housing portion a pressure sensor disposed adjacent the lower housing portion and electrically coupled to the circuit board wherein a sensing portion of the pressure sensor extends into a first one of the apertures formed in the lower housing portion a temperature sensor disposed adjacent the lower housing portion and electrically coupled to the circuit board wherein a sensing portion of the temperature sensor extends into a second one of the apertures formed in the lower housing portion! and an upper housing portion coupled to the throttle body and cooperating with the lower housing portion to substantially enclose the circuit board the pressure sensor and the temperature sensor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1036/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING A TRAINING PROGRAM TO A SUBJECT

(51) International classification :A63B24/00  
(31) Priority Document No :200910161110.5  
(32) Priority Date :31/07/2009  
(33) Name of priority country :China  
(86) International Application No :PCT/IB2010/053471  
Filing Date :30/07/2010  
(87) 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 :**  
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Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)CHEN Xi**  
**2)PAS Adriana Johanna**  
**3)CHEN Ningjiang**  
**4)SONG Rong**

(57) Abstract :

A method of providing a training program including at least a first exercise and a second exercise the method comprising the steps of: acquiring one or more parameters associated with the first exercise performance of a subject; and adjusting based on said one or more parameters one or more target values of the second exercise to be provided after said first exercise.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1037/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR DISASSEMBLING AN ARRANGEMENT

(51) International classification :F16B2/04  
(31) Priority Document No :09166973.9  
(32) Priority Date :31/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053421  
Filing Date :28/07/2010  
(87) 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 :**  
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Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)DEVOLDERE Tom Gabriel**  
**2)ALBERT-NAGY Attila**  
**3)VAN HORENBEEK Adriaan**

(57) Abstract :

To disassemble an arrangement comprising a first part (1) with a first opening, a second part (2) with a second opening and a cavity, and a connector (3) with a first portion (31) and a second portion (32) inserted through the first opening and the second opening into the cavity for connecting the first and second parts (1, 2), a pressure difference is used for forcing the second portion (32) out of the cavity. Said pressure difference may involve firstly changing a surrounding pressure, such as slowly increasing the surrounding pressure, and secondly changing the surrounding pressure, such as quickly decreasing the surrounding pressure. The arrangement is arranged to not respond to said firstly changing and to respond to said secondly changing for said forcing out. The connector may comprise a third portion (33) with upper parts of legs, the first portion (31) comprising a head portion, and the second portion (32) comprising lower parts of the legs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1085/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND METHOD AND PROGRAM

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011078872	<b>1)SONY CORPORATION</b>
(32) Priority Date	:31/03/2011	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO, 108-0075 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)TOMOO MITSUNAGA</b>
(87) International 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 image processing apparatus, which calculates weight values based on difference values between the pixel values of pixel positions in an image data and the pixel values of pixels of a peripheral region, calculates expectation values of the pixel values of the peripheral region on the basis of weight values calculated for the pixels in the peripheral region, and makes the expectation values the calculation results of the pixel position, includes: a plurality of normalized weighting functions for calculating the weight values; a unit that calculates the total sum of weight of all of pixels in the peripheral region, for the plurality of normalized weighting functions; a unit that selects the normalized weighting functions on the basis of the total sum of the weight values; and a unit that calculates expectation values of the pixel values in the peripheral region based on the selected normalized weighting function.

No. of Pages : 132 No. of Claims : 15

(54) Title of the invention : METHOD AND DEVICE FOR GENERATING AN OXYGEN PRODUCT BY LOW-TEMPERATURE SEPARATION OF AIR

(51) International classification	:F25J	(71)Name of Applicant :
(31) Priority Document No	:11002364.5	<b>1)Linde Aktiengesellschaft</b>
(32) Priority Date	:22/03/2011	Address of Applicant :Klosterhofstr. 1 80331 M <sup>u</sup> nchen
(33) Name of priority country	:EPO	Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)GERHARD Pompl</b>
(87) International Publication No	: NA	<b>2)GEORG Demski</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ALEXANDER Alekseev</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method and device serve for generating an oxygen product by low-temperature separation of air having a distillation column system for nitrogen-oxygen separation that comprises a high-pressure column (6) and a low-pressure column (7) which contain mass-transfer sections. A feed air stream (1, 3, 5) is cooled in a main heat exchanger (2) and introduced into the high-pressure column (6). An oxygen-enriched product stream (28) is taken off from the lower region of the low-pressure column (7), warmed in the main heat exchanger (2) and obtained as oxygen product (29). Liquid that drains off from the lowest mass-transfer section (32) of the low-pressure column (7) is introduced into a main condenser (8) that is constructed as a bath evaporator and condenser-evaporator. Between the bottom end of the lowest mass-transfer section (32) of the low-pressure column (7) and the main condenser (8) there is arranged a liquid buffer (33) . In the event of a reduction in load, liquid is introduced into the liquid buffer (33) and is stored there. In the event of an increase in load, liquid stored in the liquid buffer (33) is introduced (34) into the main condenser (8).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.107/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESSING APPARATUS

(51) International classification	:B23Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2011	<b>1)HOMAGE HOLZBEARBEITUNGSSYSTEME GMBH</b>
(32) Priority Date	002 696.7	Address of Applicant :HOMGASSTRASSE 3-5, 72296,
(33) Name of priority country	:14/01/2011	SCHOPFLOCH Germany
(86) International Application No	:Germany	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SCHIMID, JOHANNES</b>
(87) International Publication No	:NA	<b>2)PETRAK, AXEL</b>
(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 processing, in particular coating, workpieces which preferably consist at least in certain portions of wood, wood-based materials, plastic or the like, having a radiation device for generating and/or transmitting radiation, preferably a laser beam, and a spindle unit with a shaft (4) rotatable in a shaft bearing section (4a) and a holder (5) for accommodating processing tools and/or processing units, characterised in that the shaft (4) and/or a unit (10) attached to the shaft has at least in certain portions a cavity (4b, 9a, 2b) and the radiation device is arranged in such a manner that the radiation runs at least in certain portions inside the cavity.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1122/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOW RESTRICTION RESONATOR WITH ADJUSTABLE FREQUENCY CHARACTERISTICS FOR USE IN COMPRESSOR NEBULIZER SYSTEMS

(51) International classification	:F04B39/00	(71)Name of Applicant :
(31) Priority Document No	:61/230762	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:03/08/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052717	(72)Name of Inventor :
Filing Date	:16/06/2010	<b>1)MORRISON Mark Steven</b>
(87) International 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 compressor system and a method of reducing noise in the compressor system. The compressor system includes an inlet port configured to receive gas, an outlet port configured to output compressed gas, and a compressor pump connected to the inlet port via a pneumatic line and to the outlet port. The compressor pump is configured to pressurize gas input through the inlet port and to output a compressed gas through the outlet port. The compressor pump generates noise during operation of the compressor pump. The compressor system further comprises a side-branch resonator having a housing forming a cavity and an elongated member connected to the housing. The elongated member is pneumatically connected to the pneumatic line between the inlet port and the compressor pump. The side-branch resonator is configured to substantially reduce noise generated by the compressor pump, to monitor an operation of the compressor pump, or both.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1123/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTO RICKSHAW CONTROL DEVICE AND ITS OPERATION METHOD, USABLE BY DISABLED PEOPLE

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)K.S. SUDHEER</b>
(32) Priority Date	:NA	Address of Applicant :KUNNATHUVALAPPIL HOUSE,
(33) Name of priority country	:NA	AVINISSERY P.O, OLLUR 680 313, THRISSUR DISTRICT
(86) International Application No	:NA	Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)K.S. SUDHEER</b>
(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 control device operable on an Auto Rickshaw, for people disabled in the leg, Master cylinder (11) of hydraulic braking system is situated on the steering handle of auto rickshaw. The mass cylinder contains the fluid which is used to activate the breaks. When brake is applied this fluid gets pressurized, and the auto rickshaw brake is applied by hand. In the present invention, when steering handle of the auto rickshaw will pressed down the brake fluid will get pressurized. This pressurized fluid will passes through the pipe. In the cylinder (15) this pressurized fluid will move the two pistons (14) in the opposite direction. Due to this action of piston brake shoe (17) will be expand through hinge (18) and brake will applied. This pressurized fluid will passes through pipe (13) and goes to other wheels.

No. of Pages : 17 No. of Claims : 10



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1019/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICULAR FUEL SUPPLY SYSTEM

(51) International classification	:F17C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-063111	<b>1)HONDA MOTOR CO. LTD.</b>
(32) Priority Date	:22/03/2011	Address of Applicant :1-1 Minami-Aoyama 2-chome
(33) Name of priority country	:Japan	Minato-ku Tokyo 107-8556 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SUZUKI Shosuke</b>
(87) International Publication No	: NA	<b>2)ISHII Tsubasa</b>
(61) Patent of Addition to Application Number	:NA	<b>3)YAMASAKI Satoru</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[problem] To prevent metallic particles from intruding into a fuel pump while a replacement cycle of a fuel filter is maximally lengthened in a vehicular fuel supply system including a fuel tank a fuel filter placed in the fuel tank with an outer surface that faces directly a filtration surface and the fuel pump that sucks fuel in the fuel tank through the fuel filter. [Solution] A fuel filter 23A is configured to restrain metallic particles suspended into a fuel tank 18 from intruding into the fuel filter 23A from an upper side of the fuel filter.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.102/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING A SERVER WHICH SHOULD RESPOND TO A SERVICE REQUEST

(51) International classification	:H04L
(31) Priority Document No	:11152469.0
(32) Priority Date	:28/01/2011
(33) Name of priority country	:EPO
(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)NTT DOCOMO, INC.**  
Address of Applicant :11-1, NAGATA-CHO 2-CHOME,  
CHIYODA-KU, TOKYO Japan  
(72)**Name of Inventor :**  
**1)LUNDQVIST, HENRICK**  
**2)DESPOTOVIC, ZORAN**

(57) Abstract :

A method for determining a server which should respond to a service request from a mobile device, said method comprising:  
Generating a DNS request which comprises a URI to identify a service requested by said mobile device and in addition to the URI of the requested service an indication of the location of the mobile device; inserting into said DNS request a keyword, which identifies said service DNS request as being a service which is enabled for service migration; forwarding said DNS request to a DNS server; determining by said DNS server a most suitable server responding to said service request, said determination being based on the location of the mobile device as indicated by said indication of the location added to said URI; returning the address of said server which has been determined based on said location to said mobile device.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1020/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTROL SWITCH FOR AUTOMATIC TRANSMISSION

(51) International classification	:F16H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-062222	<b>1)Panasonic Corporation</b>
(32) Priority Date	:22/03/2011	Address of Applicant :1006 Oaza Kadoma Kadoma-shi
(33) Name of priority country	:Japan	Osaka 571-8501 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)TOGASHI Shoji</b>
(87) International 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 movable body (10) of a control switch includes an axis portion (13) which is inserted into and turnably and pivotally supported by bearing holes (4) and (5) penetrating through the housing (1). The axis portion (13) is provided with an insertion hole (17) into which a shaft (50) which turns in accordance with an operation of a gear shift lever is inserted. The insertion hole (17) penetrates through the axis portion (13) along the axis direction of the bearing holes (4) and (5). A protective plate (60) formed of an abrasion-resistant material is provided in the insertion hole (17).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1120/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : RELIEF VALVE FOR COMPRESSOR

(51) International classification	:F16K	(71)Name of Applicant :
(31) Priority Document No	:2011-079421	<b>1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI</b>
(32) Priority Date	:31/03/2011	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
(33) Name of priority country	:Japan	AICHI-KEN Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)INOUE, YOSHINORI</b>
(87) International Publication No	: NA	<b>2)NISHIMURA, KENTA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ISHII, KOJI</b>
Filing Date	:NA	<b>4)SUMI, ATSUO</b>
(62) Divisional to Application Number	:NA	<b>5)SHIBATA, ATSUSHI</b>
Filing Date	:NA	<b>6)MIZUTANI, TORU</b>
		<b>7)KONO, TERUNAO</b>

(57) Abstract :

A relief valve for a compressor includes a valve body, a relief port, a cap and a cover. The relief port is formed in the end of the valve body and refrigerant gas is blown out through the relief port if pressure in the compressor is excessively increased. An engaging portion is formed in the cover so as to be engageable with the valve body such that the cover is prevented from moving relative to the valve body. With the cover is mounted on the valve body through the cap, the relief port is covered by the end of the cap, a first clearance is formed between the ends of the cap and the valve body so as to be in communication with the relief port, and a flowing passage for refrigerant gas blown out through the relief valve is formed from the relief port through the first clearance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1121/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTOR-DRIVEN COMPRESSOR

(51) International classification	:F04B
(31) Priority Document No	:2011-077042
(32) Priority Date	:31/03/2011
(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

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**1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI**

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AICHI-KEN Japan

(72)Name of Inventor :

**1)OTA, TAKAYUKI**

**2)SUITOU, KEN**

(57) Abstract :

A motor-driven compressor that prevents electric leakage from a drive circuit while suppressing the generation of noise. The motor-driven compressor includes a compressor mechanism that compresses a refrigerant, a motor mechanism that actuates the compressor mechanism, a drive circuit that drives the motor mechanism. The drive circuit is connected to a power supply. An inner housing accommodates the compressor mechanism and the motor mechanism in a sealed state and holds the drive circuit. An outer housing accommodates the inner housing and includes a mounting portion that can be mounted to another member. An intermediate member arranged between the inner housing and the outer housing and between the drive circuit and the outer housing. The intermediate members include anti-vibration and thermal insulation properties. A protector protects the drive circuit from an external impact, wherein the protector is arranged on the outer housing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1123/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF OBTAINING A 18 CARACTS 3N GOLD ALLOY

(51) International classification	:C25D
(31) Priority Document No	:11160669.5
(32) Priority Date	:31/03/2011
(33) Name of priority country	:EPO
(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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**1)FROELICHER, THOMAS**

**2)HENZIROHS, CHRISTOPHE**

**3)PLANKERT, GUIDO**

(57) Abstract :

The invention relates to a method for the galvanoplastic deposition of a gold alloy on an electrode dipped into a bath including gold metal, organometallic compounds, a wetting agent, a sequestering agent and free cyanide, the alloy metals being copper metal and silver metal allowing a mirror-bright yellow gold alloy to be deposited on the electrode characterized in that the bath respects a proportion of 21.53% gold, 78.31% copper and 0.16% silver. The invention concerns the field of galvanic depositions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1123/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : COFFEE MACHINE WITH A REFRIGERATED COMPARTMENT

(51) International classification :A47J31/44  
(31) Priority Document No :FI2009A000177  
(32) Priority Date :03/08/2009  
(33) Name of priority country :Italy  
(86) International Application No :PCT/IB2010/053326  
Filing Date :21/07/2010  
(87) 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 :**  
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(72)**Name of Inventor :**  
**1)REMO Gianni**  
**2)BRUNI Andrea**  
**3)TONELLI Stefano**  
**4)SALVI Fabio**

(57) Abstract :

The invention provides a device for connecting a refrigerated compartment wherein milk or other perishable liquid is contained to a device for supplying hot or emulsified milk which can be associated to a coffee machine or the like. The connection device has at least a portion which can be refrigerated by the effect of the coupling of the compartment wherein the milk container is contained.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1124/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : UZI FLY TRAPPING DEVICE AND INSTALLATION METHOD

(51) International classification :A01M  
(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)MOHAMMED WAKEEL AHMED**  
Address of Applicant :KODIPURA, SATHNOOR ROAD,  
HONGANOOR, TALUKA-CHANNAPATNA, BANGALORE  
(RURAL) Karnataka India  
(72)**Name of Inventor :**  
**1)MOHAMMED WAKEEL AHMED**

(57) Abstract :

The Uzi flytrap (F) consists of a mesh (11), whose one end (18) is attached to net (N) secured to window (W). Two - Three holes are made in the net (N) for the Uzi flies to enter by an arrangement. On the inside of mesh (11), Plastic collars (15) are attached and the mesh(11) is tied with a cotton thread (16) to a hollow pipe (14) made of metal. At end of pipe (14), a fine Nylon mesh (17) is fixed and inserted into bottle (12) after which, bottle sealing component (13) with a hole matching dimensions of pipe (14) is slid over pipe, into bottle (12) to secure bottle's exit. The arrangement comprises small holes made in the other end of bottle (12) to permeate the smell of the Silk worms. Uzi flies enter through the holes made in the net (N) and are trapped in the mesh (17).

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1124/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PERMANENT MAGNET EMBEDDED ROTOR FOR ROTATING ELECTRIC MACHINE AND ROTATING ELECTRIC MACHINE

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:2011-070377	<b>1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI</b>
(32) Priority Date	:28/03/2011	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)KAGAMI, MASANO</b>
Filing Date	:NA	<b>2)UMEYAMA, RYO</b>
(87) International Publication No	: NA	<b>3)NAKANE, YOSHIYUKI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An accommodating recess (21A, 21B) has a magnet accommodating portion (19A, 19B) for accommodating a permanent magnet (17A, 17B) and a cavity (20A, 20B), which is located at the q-axis side of the magnet accommodating portion (19A, 19B). The cavity (20A, 20B) opens through a rotor outer circumferential surface (162). A starting point (Pal, Pbl) of an outer cavity forming surface (201A, 201B) is located on the rotor outer circumferential surface (162). The outer cavity forming surface (201A, 201B) intersects either a magnetic pole surface (170A, 170B) or an imaginary extended plane (23A, 23B) of a magnetic pole facing surface (191A, 191B). The rotor outer circumferential surface (162) includes portions of an imaginary annular line (E). A starting point (Pal, Pbl) of the outer cavity forming surface (201A, 201B) is located between the d-axis and an intersection point (Qa, Qb) between the imaginary annular line (E) and the imaginary extended plane (23A, 23B) of the magnetic pole facing surface (191A, 191B)-

No. of Pages : 42 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1124/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT GUIDING SYSTEM AND A METHOD FOR CONTROLLING THE SAME

(51) International classification :H05B37/02

(31) Priority Document No :09167261.8

(32) Priority Date :05/08/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053455

Filing Date :29/07/2010

(87) 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 :

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(72)Name of Inventor :

**1)KNIBBE Engel J.**

**2)ERTZ Alexander**

**3)KLEE Mareike**

**4)VERHEES Leo**

(57) Abstract :

According to the present invention a light guidance system for adapted illumination in emergency or power cut situations is provided wherein the light guidance system is connected to an auxiliary power supply system (101) and comprises at least one light unit (103) adapted to emit light for illuminating surroundings and a control unit (100) adapted to increase a light level of the light unit (103) according to a presence signal indicating the presence of a person wherein the increasing of the light level is adjusted to enable a mandatory lighting period and a mandatory light level by considering a power value of the auxiliary power supply system (101).

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1125/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHTING UNIT&NBSP; LIGHTING SYSTEM&NBSP; AND USE OF LIGHTING SYSTEM

(51) International classification :H05B37/02  
(31) Priority Document No :09167235.2  
(32) Priority Date :05/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053428  
Filing Date :28/07/2010  
(87) 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 :**  
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Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)WENDT Matthias**  
**2)RADERMACHER Harald Josef Gunther**

(57) Abstract :

The invention provides a lighting unit (1) comprising a light source (20) and an actuator (40). The light source (20) is arranged to generate during use a light beam (B) whose light intensity is dependent upon an electrical power signal (I; V). The actuator (40) is arranged to orient during use the light beam (B) in an orientation dependent upon the electrical power signal (I; V). The orientation of the light beam has a pre-determined relationship to the light intensity of the light beam. The invention further relates to a lighting system (100) comprising at least one lighting unit a space (1000) comprising such a lighting system and a use of such a lighting system.

No. of Pages : 43 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1126/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FOOT PEDAL OPERATED DEVICE FOR HUSKING COCONUTS AND ITS OPERATION METHOD

(51) International classification	:A23N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)K.S SUDHEER</b>
(32) Priority Date	:NA	Address of Applicant :KUNNATHUVALAPPIL HOUSE
(33) Name of priority country	:NA	AVINISSERY P.O, OLLUR 680 313, THRISSUR DISTRICT
(86) International Application No	:NA	Kerala India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)K.S SUDHEER</b>
(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 foot pedal operated device for husking large dry drupes such as Coconuts and its operation method. The entire foot pedal operated device is supported on a support platform (13) made of metal such as steel, forming the base of the device. The device is operated by plunging Coconut (C) to be husked onto the pair of blades (11F, 11M), such that one of the blades (11F) is fixed, and the other blade (11M) is movable, relative to the fixed blade (11F). A user steps on the foot pedal (12), causing the spring to compress. The compression of the spring results in pulling of the rod and the movement of the rod causes the movable blade (11M) to move relative to fixed blade (11F), thereby splitting open the plunged Coconut (C) such that the Coconut is husked leaving the shell intact.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1126/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ACTIVE SOUND REDUCTION SYSTEM AND METHOD

(51) International classification :G10K11/178

(31) Priority Document No :09167433.3

(32) Priority Date :07/08/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053472

Filing Date :03/07/2010

(87) 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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(72)Name of Inventor :

**1)BOOIJ Paul S.**

**2)VAN LEEST Adriaan J.**

**3)AARTS Ronaldus M.**

(57) Abstract :

The present invention refers to an active sound reduction system and method for attenuation of sound emitted by a primary sound source especially for attenuation of snoring sounds emitted by a human being. This system comprises a primary sound source at least one speaker as a secondary sound source for producing an attenuating sound to be superposed with the sound emitted by said primary sound source a reference microphone for receiving sound from said primary sound source and at least one error microphone being allocated to each speaker to form a speaker/microphone pair.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1127/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE FOR THRESHING PEPPER AND ITS OPERATION METHOD

(51) International classification

:F02B

(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

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DISTRICT: CHIKMAGALUR - 577 126 Karnataka India

(72)Name of Inventor :

**1)NARASIMHA BHANDARI**

(57) Abstract :

The present invention comprises of a cylinder (12) fitted with geometrically shaped rod(s) (13) being square and round rod(s) on its peripheral surface. In addition, it comprises a belt (15) which moves over the pulley (14) connected at its one end to cylinder (12) and shaft associated with powering unit being motor at the other end. The size of the belt (15) and horsepower (HP) of powering unit implemented are variable depending on the amount of Pepper to be threshed. Perforated net type structure (16), implemented as mesh covers the cylinder (12). A input point (17) implemented as a hopper, through which the Pepper spikes to be threshed are fed is provided on the cover (20) enclosing cylinder (12). Threshed Pepper is collected at outlet (18) provided at the bottom of the device. An auxiliary exhaust (19) is provided on the cover (20) enables removing waste at regular intervals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1024/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FLEXIBLE DRIVE FOR BREAST PUMP

(51) International classification :A61M1/06

(31) Priority Document No :09166532.3

(32) Priority Date :28/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053319

Filing Date :21/07/2010

(87) 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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(72)Name of Inventor :

**1)TACK Johannes Willem**

(57) Abstract :

A drive mechanism for generating a negative pressure in a vacuum chamber (32/132) of a breast pump (10/110), the drive mechanism comprising a housing (12/112), a motor (14/114) coupled to a rotatable drive element within the housing, a resilient membrane (28/128) coupled to the housing and, a flexible strap (50/150) coupled between the drive element and the resilient membrane. Rotation of the drive element causes the flexible strap to pull and resiliently deform the resilient membrane to create the negative pressure in a vacuum chamber of a breast pump. Also, a breast pump including such a drive mechanism together with a vacuum chamber (32/132) coupled to the housing (12/112). The vacuum chamber comprises a receptacle and a breast-receiving funnel (40/140) in fluid communication with the receptacle, wherein when a woman<sup>TM</sup>s breast is placed in the breast-receiving funnel, the vacuum chamber is sealed closed such that deformation the resilient membrane (28/128) creates a negative pressure in the vacuum chamber.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1128/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ONCOLOGY THERAPIES EMPLOYING RADIOACTIVE SEEDS

(51) International classification :A61K51/12  
(31) Priority Document No :61/231705  
(32) Priority Date :06/08/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053094  
Filing Date :06/07/2010  
(87) 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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(72)**Name of Inventor :**  
**1)RIBBING Carolina**  
**2)OVERDICK Michael**

(57) Abstract :

An oncology therapy method comprises implanting a radioactive seed (10 20 30 40 50) in an oncology subject (S). In some embodiments the radioactive seed comprises a radioactive material (12 32 33 42) including at least one radioisotope disposed in a biodegradable host (14 24 25 44) configured to biodegrade over a therapy time period when implanted in the oncology subject. In some embodiments the radioactive seed is implanted in soft tissue of an oncology subject (S) and the radioactive seed comprises a radioactive material (12 32 33 42) including at least one radioisotope disposed in a host material (14 24 25 44) having softness comparable with or softer than the soft tissue into which the radioactive seed is implanted.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1129/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SLEEP AIDING DEVICE FOR BABIES AND ITS OPERATION METHOD

(51) International classification

:A47D

(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

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Address of Applicant :30/5, EAST AGRAHAM,  
NANNILAM, THIRUVARUR - 610 105 Tamil Nadu India

(72)**Name of Inventor :**

**1)P. TAMILVANAN**

(57) Abstract :

The present invention discloses a sleep aiding device for babies which comprises a Hammock-type structure, Bassinet (11). The Bassinet (11) is operated via an automated arrangement comprising, an AC Motor(12) of 200 Watts The rotary speed of the AC Motor (12) is decreased from 1400 rpm to 14 rpm using pulleys (13) operating in conjunction with belt drive (14). The rotary motion of the AC Motor (12) is converted into the oscillatory sleep aiding motion by means of pulleys (13) operating in conjunction with belt drive (14). The speed of the sleep aiding device is controllable using fan regulator of the conventional type. Rocking motion of conventional cradle(s) is simulated by transfer of oscillatory motion to rope (16) connected to Bassinet (11).The whole arrangement of motor (12) and pulleys (13) operating in conjunction with belt drive (14) is mounted on platform (15) fixable to a stationary surface e.g., roof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1129/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIQUID DISCHARGE HEAD AND LIQUID DISCHARGE APPARATUS

(51) International classification	:B41J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-079803	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:31/03/2011	Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,
(33) Name of priority country	:Japan	OHTA-KU, TOKYO Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)OOMURA, MASANOBU</b>
(87) International 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 liquid discharge head includes a signal processing circuit which operates with a first voltage, and generates a discharge control signal, a liquid driving circuit including an electrothermal transducer, a driving element which drives the electrothermal transducer, and a control circuit which receives the discharge control signal and outputs, to the driving element, a driving signal having a second voltage higher than the first voltage, and a monitoring circuit which monitors the first voltage and outputs a stop signal upon a drop of the first voltage. The control circuit stops driving the electrothermal transducer by the driving element in accordance with the stop signal. The monitoring circuit includes a transistor including a drain connected to power supply voltage node through a step-down circuit, a source connected to ground side, and a gate receiving the first voltage.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1027/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HOUSING WITH LOCKING STRUCTURE

(51) International classification :H05K5/00  
(31) Priority Document No :09166568.7  
(32) Priority Date :28/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053342  
Filing Date :22/07/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)GERST Kaljopa**

(57) Abstract :

The present invention refers to a housing with a locking structure to connect a first housing part with a second housing part. The locking structure comprises a flexible snap member extending from the first housing part over an inner wall portion of the second housing part and is provided with a first engaging portion. The inner wall portion of the second housing part is provided with a second engaging portion. The first and second engaging portions forming a snap fit connection to be released by lifting said snap member from the inner wall portion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1130/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MOVING A CURSOR ON A SCREEN

(51) International classification :G06F3/048  
(31) Priority Document No :09167552.0  
(32) Priority Date :10/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053398  
Filing Date :27/07/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)Van Den BRINK Hendrikus B.**

(57) Abstract :

The invention provides a system (10) and method for moving a cursor (16) in response to pointing device movements according to a certain transfer function wherein the transfer function is such that when the cursor (16) hits the edge of the screen (12) and the pointing device movement continues further beyond this point in a direction which cannot be followed by the cursor (16) due to reaching the edge of the screen (12) the pointing device movement is remembered and the cursor (16) starts moving away from the edge again when the pointing device (20) is moved back by the same distance as it was moved beyond the time point when the cursor (16) had hit the edge of the screen (12); or wherein the transfer function is variable according to previous pointing device movements

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1131/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ARECANUT DECORNING DEVICE AND ITS OPERATION METHOD

(51) International classification

:B02B

(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)NARASIMHA BHANDARI**

Address of Applicant :C/O M/S SRI DURGA ENGG

WORKS, VINOBA ROAD, NR BUS STAND, VILLAGE:

KOPPA, DISTRICT: CHIKMAGALUR - 577 126 Karnataka

India

(72)Name of Inventor :

**1)NARASIMHA BHANDARI**

(57) Abstract :

The Areca nut decorning device and its operation method as embodied in the present invention is employed for decorning the bunch of Areca nuts. The device comprises a pair of rods provided above the drum (12). Motor (11) and drum (12) are connected to pulley (13) via motor shaft and drum shaft respectively. Belt (14) rotates over the pulley(13). Initially, the bunch of Areca nuts is hung onto the pair of rods (17). The device is operated by initiating the motor (11), causing the belt (14) to rotate on the pulley (13), thereby rotating the drum (12) provided with atleast a plank (15) with spike(s) (16). The rotation of the drum results in continuous hitting/striking action of the bunch of Areca nuts against the spike(s) (16) on the plank (15), provided on the drum (12). This results in decorning of Areca nuts which are collected from the tray (18).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1131/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS FOR MANUFACTURING HONEYCOMB STRUCTURE

(51) International classification	:F01N	(71)Name of Applicant :
(31) Priority Document No	:2011-079456	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:31/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	<b>2)GOSHI GIKEN CO., LTD.</b>
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)HORIMURA, HIROYUKI</b>
(87) International Publication No	: NA	<b>2)KAWAGUCHI, DAIJI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SUWA, SATORU</b>
Filing Date	:NA	<b>4)IWANE, KATSUHIRO</b>
(62) Divisional to Application Number	:NA	<b>5)KOZAIKU, TAKAFUMI</b>
Filing Date	:NA	

(57) Abstract :

An apparatus (20) is designed to manufacture a honeycomb structure (11) for exhaust emission control. The honeycomb structure (11) has a planar sheet and a corrugated sheet (22) disposed on the planar sheet. The planar and corrugated sheets are wound in a spiral fashion. The apparatus (20) includes conveyance gears (43, 44) for engaging and conveying a corrugated sheet (22) and an application gear (41; 42) for applying brazing material to the corrugated sheet (22). The conveyance gears (43, 44) are disposed upstream and downstream of the application gear (41, 42) in the direction of conveyance of the corrugated sheet (22). The apparatus (20) further includes means (61) for supplying a slurry of brazing material to the application gear (41, 42), and winding means for winding in a spiral fashion the corrugated sheet and a planer sheet placed on the corrugated sheet (22) with the brazing material applied to the corrugated sheet (22).

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1028/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DIAGNOSING AND RESOLVING WIRELESS NETWORK MALFUNCTIONS

(51) International classification :H04W24/00

(31) Priority Document No :09166603.2

(32) Priority Date :28/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053298

Filing Date :20/07/2010

(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)SWAMINATHAN Kailash**

(57) Abstract :

A method for detecting a problem in a wireless communication network while a wireless device is newly added to the wireless communication network is disclosed. The method for detecting the problem comprises embedding information associated with the newly added wireless device into a communication protocol the embedded information including information about the errors encountered by the wireless device while the wireless device is newly added to the wireless communication network transmitting the embedded information over the wireless communication network to a diagnostic tool using the communication protocol and analyzing the received embedded information using the diagnostic tool and determining the cause of the problem and the associated solution. The method can be used for diagnosing wireless setup related problems of wireless capable devices.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1029/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE WITH INTEGRATED ULTRASOUND TRANSDUCERS AND FLOW SENSOR

(51) International classification	:A61B8/06	(71)Name of Applicant :
(31) Priority Document No	:09166676.8	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:29/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053377	(72)Name of Inventor :
Filing Date	:26/07/2010	<b>1)KLEE Mareike</b>
(87) International Publication No	: NA	<b>2)VAN HEESCH Christianus Martinus</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DIRKSEN Peter</b>
Filing Date	:NA	<b>4)MAUCZOK Ruediger</b>
(62) Divisional to Application Number	:NA	<b>5)DE WILD Nico Maris Adriaan</b>
Filing Date	:NA	

(57) Abstract :

The invention proposes to equip the tip of a surgical instrument such as a needle or catheter or any other instrument with an ultrasound transducer array to measure flow just in front of the tip by means of time and frequency differences between the sent and received pulses. Since no image is required only a few transducer elements are required. The transducer elements generate a pressure pulses in specific directions and receives its echo<sup>TM</sup>s without the use of imaging techniques and complex driving electronics. Using the frequency shift and time delay of the received signals the proximity and lateral direction of the blood flow may be detected thus identifying blood vessels.

No. of Pages : 24 No. of Claims : 15



(54) Title of the invention : FEED SYSTEM TO BE USED IN A RESIDENCE SUCH AS A MULTI-UNIT APARTMENT COMPLEX

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:JP2011-243003	<b>1)GLOBAL LINK CO., LTD.</b>
(32) Priority Date	:07/11/2011	Address of Applicant :8-7, GINZA 6-CHOME, CHUO-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)TOGASHI, KOJI</b>
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 supply electrical power generated by a photovoltaic array, i which is installed in a balcony or the like by a resident himself /herself of an individual unit, efficiently and at low cost to a plurality of electrical loads of the individual unit in a distributedmanner while ensuring no excess or shortage of electrical power supply and performing electrical power transfer, a photovoltaic array (11) for generating direct current (DC) power by receiving sunlight is installed in a balcony (1) of the individual unit, the DC power is converted by an inverter (13) into alternating-current (AC) power, and the AC power output from the inverter (13) is supplied to the plurality of electrical loads in a distributed manner by a distribution board (38) of the individual unit. On the other hand, a magnitude of DC power generated by the photovoltaic array or a lithiumion battery and a magnitude of electrical power consumed by the electrical loads are compared by an electrical power comparator. Depending on the comparison result, an electrical power switch may supply the DC power via the inverter to the electrical loads or a low-voltage system, or may supply electrical power from the low-voltage system to the electrical loads or the lithiumion battery.

No. of Pages : 29 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1134/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SADDLE-RIDE TYPE VEHICLE

(51) International classification	:F02M, F02B	(71) <b>Name of Applicant :</b> <b>1)HONDA MOTOR CO., LTD.</b>
(31) Priority Document No	:2011- 071575	Address of Applicant :1-1, MINAMI-AOYAMA 2- CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:29/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)TAWARADA, YUICHI</b>
(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 :

To Provide a saddle-ride type vehicle that can reduce the outward protrusion of a drive motor in the vehicle transverse direction.  
[Constitution] A saddle-ride type vehicle includes: an engine 50 in which a crankcase 51 is fixed in the vicinity of a pivot frame 14 of a vehicle body frame 11 and a cylinder block 53 and a cylinder head 54 are provided upward from a front portion of the crankcase 51; an intake passage 60 connected to an intake port formed in a rear surface of the cylinder head 54; and a drive motor unit 72 for opening and closing a throttle valve 70 provided in the intake passage 60, the intake passage 60 is disposed obliquely in plan view of the vehicle to pass by a lateral side of a main frame 13 from the intake port to an air cleaner 64 connected to a rear end of the intake passage, the throttle valve 70 is offset to one side with respect to the center CL of the vehicle body, and a drive motor 73 of the drive motor unit 72 is disposed obliquely to a vehicle transverse direction in plan view of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1132/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATED DEVICE FOR CUTTING SUGARCANE AND ITS OPERATION METHOD

(51) International classification

:F02B

(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)KANDARAJ**

Address of Applicant :51, MELAPONNAGARAM 3RD  
STREET, ARAPALAYAM, MADURAI - 625 016 Tamil Nadu  
India

(72)Name of Inventor :

**1)KANDARAJ**

(57) Abstract :

The present invention comprises of a powering unit (12) being engine of an old automobile engine. Said engine (12) is fitted with an acceleration set up and a rotary disk (17) with rope wound on it. The wound rope is capable of being unwound to enable activation of engine. There is also provided a fuel tank (15) with petrol stored adjacent to the engine (12). In addition, it comprises a valve (16) connected to the engine (12) for exhaust of the burnt fuel. Further, an arm (14), is attached to the engine and the said arm (14) is connected to an 8 inch blade (13)at its end. This blade (14) is rotated via the arm (14) and this rotation causes cutting of the Sugar cane. This entire setup is mounted on a wheel (11) attached with atleast a handle (H) which enables the device to be transported easily.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1132/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INTAKE MANIFOLD FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F16L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-081213	<b>1)KEIHIN CORPORATION</b>
(32) Priority Date	:31/03/2011	Address of Applicant :26-2, NISHISHINJUKU 1-CHOME,
(33) Name of priority country	:Japan	SHINJUKU-KU, TOKYO 163-0539 Japan
(86) International Application No	:NA	<b>2)HONDA MOTOR CO., LTD.</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)FUKUDA, SHOJIRO</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KATAHIRA, TETSUO</b>
Filing Date	:NA	<b>3)MORIYAMA, SATOSHI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An intake manifold (10) is equipped with a plurality of first through fourth branch pipes (12a to 12d). Between the first branch pipe (12a) and the second branch pipe (12b), a bridging section (26a) is formed, which interconnects cover portions (24) of a branch pipe cover (22) installed on main body portions (20) of the first branch pipe (12a) and the second branch pipe (12b). A holder (32), which is capable of retaining a pipe (30), is installed on the bridging section (26a). In addition, the pipe (30) is retained by a retaining section (44) of the holder (32), and is arranged in a space (52) provided between the first branch pipe (12a) and the second branch pipe (12b).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1133/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PORTABLE STEAM BASED BOILER FOR TURMERIC RHIZOMES AND ITS OPERATION METHOD

(51) International classification	:F23K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)R. RAVI</b>
(32) Priority Date	:NA	Address of Applicant :CNC ENGINEERING WORKS,
(33) Name of priority country	:NA	AVAIL POONDHURAI-POST, KANGAYAM ROAD, ERODE
(86) International Application No	:NA	DISTRICT Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)R. RAVI</b>
(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 portable steam based boiler for turmeric rhizomes and its operation method comprising a top container (1), said container has a metal sheet bottom (M) of 5mm thickness. An inner container(2) of predefined dimensions, is connected to container (1) and is capable of storing Steam. Piping system (3) is removably connected to inner container for conveying Steam and is provided with a control valve (4) to control the quantity of steam to be conveyed. Furnace (5) for generating Steam by boiling water of required quantity comprises of inbuilt water tank (5a) capable of holding 1000 liters of water. Further burner (5b) is provided below water tank (5a). Possible over flow of water is controlled by over flow valve (0); exhaust of water is via outlet at the bottom of the furnace. After the steam boiling is completed, the boiled rhiz

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1133/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTOR-DRIVEN COMPRESSOR

(51) International classification	:F04B
(31) Priority Document No	:2011-079837
(32) Priority Date	:31/03/2011
(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

(71)**Name of Applicant :**

**1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI**

Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,  
AICHI-KEN Japan

(72)**Name of Inventor :**

**1)YOKOI, KENJI**

**2)SUITOU, KEN**

(57) Abstract :

A motor-driven compressor includes an electric motor, a compression mechanism, which compresses gas by being driven by the electric motor, and a body accommodating the electric motor and the compression mechanism. The motor-driven compressor includes a motor control section, which drives the electric motor by controlling power supply to the electric motor, a vibration control section, which generates a waveform in a phase opposite to the waveform of vibration predicted to be generated in the body due to the driving of the electric motor, and a vibration applying device, which is located on the body and applies vibration in the opposite phase generated by the vibration control section to the body.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1031/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE AND METHOD FOR HEATING UP A CUP

(51) International classification :A47J31/44

(31) Priority Document No :09166720.4

(32) Priority Date :29/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053215

Filing Date :14/07/2010

(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)NOORDHUIS Joeke**

**2)VAN WIFFEREN Reindert Jannes**

**3)COOMBS James Howard**

(57) Abstract :

A device for heating up a cup comprising a steam conduit (3) for guiding steam into the cup (1) and comprising a water suction conduit (8) for sucking water out of the cup (1). Preferably the water suction conduit (8) is connected with the steam conduit (3) in such a manner that the flow of steam through the steam conduit (3) sucks water and/or air out of the water suction conduit (8).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1032/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : X-RAY EXAMINATION DEVICE AND METHOD

(51) International classification :A61B6/03  
(31) Priority Document No :09166693.3  
(32) Priority Date :29/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053304  
Filing Date :20/07/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)PROKSA Roland**

(57) Abstract :

The present invention relates to an X-ray examination device and a corresponding method. A fast and periodical modulation of the X-ray flux within each detection interval is performed having a low X-ray flux at the beginning of the detection interval to ensure that no detection channel is overloaded. With increasing the X-ray flux particularly the peripheral detection channels will run into saturation which is detected. A saturated detector channel is stopped from further detecting radiation and the time of effective radiation detection without saturation is measured for correcting those detection signals. From all detection signals after any correction of detection signals from saturated detection channels an X-ray image can be reconstructed.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1033/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : STEAM VALVE DEVICE AND STEAM TURBINE PLANT

(51) International classification	:F16K	(71)Name of Applicant :
(31) Priority Document No	:2011-068654	<b>1)KABUSHIKI KAISHA TOSHIBA</b>
(32) Priority Date	:25/03/2011	Address of Applicant :1-1 Shibaura 1-chome Minato-ku
(33) Name of priority country	:Japan	Tokyo Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)TAKEMARU Ryuhei</b>
(87) International Publication No	: NA	<b>2)SHINDO Osamu</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ENDO Toshihiko</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the embodiment a steam valve device has a steam regulating valve and an intermediate flow path connecting the main steam stop valve and the steam regulating valve. The main steam stop valve and the steam regulating valve respectively have: casings where flow paths are formed between horizontal inlet ports and outlet ports opened downward and valve seats are arranged in the flow paths; valve elements movable up and down in the casings; and valve rods for driving the valve elements. The valve rods extend upward and they are pulled off upward in a direction to outside of the casings when opening the flow paths. The intermediate flow path changes the flow direction of main steam flowing out of the outlet port of the main steam stop valve from downward direction to horizontal direction to guide the main steam.

No. of Pages : 39 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1141/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR PRODUCING MODIFIED CONJUGATED DIENE-BASED POLYMER, MODIFIED CONJUGATED DIENE-BASED POLYMER, AND POLYMER COMPOSITION

(51) International classification	:C08C, C08F	(71)Name of Applicant : <b>1)SUMITOMO CHEMICAL COMPANY, LIMITED</b>
(31) Priority Document No	:2011- 078767	Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8260 Japan
(32) Priority Date	:31/03/2011	(72)Name of Inventor :
(33) Name of priority country	:Japan	<b>1)ITO, MANA</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a process for producing a modified conjugated diene-based polymer suitable for preparing a polymer composition excellent in the fuel cost saving effect. The present invention provides a process for producing a modified conjugated diene-based polymer, comprising reacting a conjugated diene-based polymer having a monomer unit based on a conjugated diene compound and a monomer unit based on a compound represented by the following formula (I), with an organometallic compound, and reacting the resulting reaction product with a hydrocarbyloxysilane compound: wherein R11, R12, R13, R14 and R15 each represent a hydrogen atom or an alkyl group, at least one of R11, R12, R13, R14 and R15 is an alkyl group, R16, R and R18 each represent a hydrogen atom or a hydrocarbyl group, R19 represents a hydrocarbylene group, and k represents 0 or 1.

No. of Pages : 98 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1142/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICLE WITH IDLE STOP DEVICE

(51) International classification	:F02N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-076466	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:30/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)NIWA, JUNYA</b>
Filing Date	:NA	<b>2)KATAYAMA, ATSUSHI</b>
(87) International Publication No	: NA	<b>3)NAGATSUYU, TOSHIYA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem] To provide a technology capable of improving convenience of a vehicle in the vehicle with an idle stop device.

[Solution] A motorcycle includes an idle stop device 160 automatically stopping an engine under a predetermined condition and includes a controller 159 performing control to idle-start the engine by a predetermined restart operation during an idle stop and when a gear position detected by a gear position sensor 165 is at a neutral position and control to idle-start the engine by the predetermined restart operation under the condition that a stand is at a storing position by sensing a stand switch 169 during the idle stop and when the gear position is at a non-neutral position.

No. of Pages : 51 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1001/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : BRACELET CLASP

(51) International classification	:A44C
(31) Priority Document No	:11159074.1
(32) Priority Date	:21/03/2011
(33) Name of priority country	:EPO
(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)Omega SA**

Address of Applicant :Rue Stmpfli 96 2500 Biel/Bienne 4  
Switzerland

(72)**Name of Inventor :**

**1)CATANESE Rocco**

(57) Abstract :

The bracelet clasp with an unfolding buckle includes a lever (2) pivotably mounted on a cap (1) by means of a first hinge (3a) said lever controlling a bolt (4) which is in turn mounted on said cap (1) by means of a second hinge (3b) distinct from the first. The bolt (4) is arranged to cooperate with a hook (22) fitted to the first arm (8) of the clasp. Elastic means (5) are arranged for keeping the lever (2) in a non-raised position and the bolt (4) engaged with the hook (22) when the lever is not manually activated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1038/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR THE ANALYSIS OF A BALLISTOCARDIOGRAM SIGNAL

(51) International classification :A61B5/00  
(31) Priority Document No :09166924.2  
(32) Priority Date :31/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053364  
Filing Date :23/07/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)BRUESER Christoph**  
**2)STADLTHANNER Kurt**  
**3)FRIEDRICH David**  
**4)BRAUERS Andreas**

(57) Abstract :

There is provided a method and apparatus for the analysis of a ballistocardiogram signal. The method comprises detecting heart beats in the BCG signal by locating typical features of a heart beat for a user in the BCG signal the typical features of the heart beat having been obtained during a training step.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1039/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING A VALUE OF AN ATTRIBUTE TO BE ASSOCIATED WITH AN IMAGE

(51) International classification	:G06T7/40	(71)Name of Applicant :
(31) Priority Document No	:09166918.4	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:31/07/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053308	(72)Name of Inventor :
Filing Date	:20/07/2010	<b>1)PETERS Marc Andre</b>
(87) International Publication No	: NA	<b>2)FONSECA Pedro</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for determining a value of an attribute to be associated with an image the method comprising the steps of: determining saturation of each of a plurality of pixels of an image; selecting a set of a plurality of pixels from the pixels of the image having a saturation above a predetermined level; determining a value of an attribute on the basis of the selected set of pixels; and associating the determined value of the attribute with the image.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1152/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : REGENERATION AND TRANSFORMATION OF CASSAVA (MANIHOT ESCULENTA CRANTZ)

(51) International classification

:C12N

(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 :

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ATTUR-636141 Tamil Nadu India

(72)Name of Inventor :

**1)MOHANRAJ, JAYAKUMAR**

**2)MARAPPAN, SUBRAMANIAN**

**3)VAIDYANATHAN, SUBRAMANIAN**

**4)MUTHU GOUNDER, RAMASAMI**

(57) Abstract :

A process for calli-mediated in-vitro plant regeneration and transformation of cassava plant is provided herein. The present invention also provides composition for regeneration of cassava plant using various explants. Further, the present invention provides recombinant vector comprising the heterologous gene for cassava transformation, recombinant host cell comprising the recombinant vector and transgenic cassava plant comprising the heterologous polynucleotide encoding protein of interest.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1152/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTOR-DRIVEN COMPRESSOR

(51) International classification :F16F  
(31) Priority Document No :2011-070330  
(32) Priority Date :28/03/2011  
(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

(71)**Name of Applicant :**  
**1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI**  
Address of Applicant :2-1 Toyoda-cho Kariya-shi Aichi-ken Japan  
(72)**Name of Inventor :**  
**1)SUITOU Ken**  
**2)TOZAWA Kosaku**

(57) Abstract :

A motordriven compressor (101) comprises a mounting portion (11) for mounting a housing (2) to a compressor attachment base (62) of a vehicle. The mounting portion (11) includes a tubular member (12) a damping member (13) provided integrally with the tubular member (12) and formed from a resin fixing jigs (14 15) provided integrally with the damping member (13) and mounting the integrated tubular member (12) and damping member (13) to the housing (2). and a fastener (51) mounting the tubular member (12) to the compressor attachment base (62). The damping member (13) is interposed between the tubular member (12) and the fixing jigs (14 15) and the fixing jigs (14 15) are interposed between the housing (2) and the damping member (13).

No. of Pages : 44 No. of Claims : 8



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1153/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTOR-DRIVEN COMPRESSOR

(51) International classification	:F25B
(31) Priority Document No	:2011-070324
(32) Priority Date	:28/03/2011
(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

(71)Name of Applicant :

**1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI**

Address of Applicant :2-1 Toyoda-cho Kariya-shi Aichi-ken Japan

(72)Name of Inventor :

**1)YOKOI Kenji**

**2)SUITOU Ken**

(57) Abstract :

A motor-driven compressor (101) mounted to attachment bases (61, 62) includes a refrigerant compression unit (2), an electric drive unit (3) for the compression unit (2) and a case (10). The case (10) has first and second case portions (11, 12) formed from a resin, which cover at least the compression unit (2). The case (10) also has mounting portions (17, 18, 19) that are provided integrally with the second case portion (12) and configured to be mounted to the attachment bases (61, 62). The mounting portions (17, 18, 19) respectively have tubular members (17a, 18a, 19a) and bolts (51a, 51b, 51c) inserted through the tubular members (17a, 18a, 19a) for mounting them to the attachment bases (61, 62). The second case portion (12) is interposed between the compression unit (2) and the tubular members (17a, 18a, 19a).

No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.110/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND ARRANGEMENT OF PROCESSING A PACKET OF A HARQ SYSTEM

(51) International classification :H04L29/08

(31) Priority Document No :09164942.6

(32) Priority Date :08/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/0595 7

Filing Date :05/07/2010

(87) 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)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)**

Address of Applicant :SE-164 83 Stockholm Sweden

(72)Name of Inventor :

**1)KAMUF Matthias**

**2)LINCOLN Bo**

(57) Abstract :

A method for an electronic receiver of processing a packet of a hybrid automatic repeat request (HARQ) system is disclosed. The method comprises receiving a first transmission of the packet, wherein the first transmission comprises a first plurality of soft symbol values and determining whether the first plurality of soft symbol values meets a stop criterion. If it is determined that the first plurality of soft symbol values does not meet the stop criterion, a subset of the first plurality of soft symbol values is determined, wherein the subset comprises a number of soft symbol values of the first plurality of soft symbol values, the number being greater than zero and less than the first plurality. The subset of the first plurality of soft symbol values is stored in a HARQ buffer. A second plurality of soft symbol values, comprised in a second transmission of the packet received by the electronic receiver, is combined with the stored subset of the first plurality of soft symbol values to produce a third plurality of combined soft symbol values. Corresponding arrangement, receiver, device, and computer program product are also disclosed.

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1100/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DISPLAY CONTROL APPARATUS AND CONTROL METHOD THEREOF

(51) International classification	:G09G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-070369	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:28/03/2011	Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)FUKUSHIMA, YUUKI</b>
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 display control apparatus can quickly switch a state displaying an image without enlargement and a state displaying an image in enlargement display in the least amount of operation effort. When the display control apparatus receives an instruction to start an enlargement mode in a state displaying an image by single display in which an entirety of one image is displayed in the display area of a display unit, the display control apparatus performs control to display a part of the enlarged image in a display area. When the display control apparatus receives an instruction to start the enlargement mode  $\pm 1$  a state displaying an image by multi display where a plurality of images are displayed in the display area, the display control apparatus displays a part of the image more enlarged than a case of the single display in the display area without going through the single display.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1101/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ASSEMBLY OF MAGNETIC PLATES FOR ELECTROMAGNETIC MACHINES, THE ASSEMBLY BEING PROVIDED WITH FIXING MEANS AND A METHOD OF MANUFACTURING SUCH AN ASSEMBLY OF PLATES

(51) International classification	:F16B
(31) Priority Document No	:11 52512
(32) Priority Date	:25/03/2011
(33) Name of priority country	:France
(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)R. BOURGEOIS**  
Address of Applicant :25 RUE DE TREPILOT, 25000,  
BESANCON France  
(72)**Name of Inventor :**  
**1)BOURGEOIS, RAYMOND NICOLAS**

(57) Abstract :

Packet of plates provided with fixing means, characterized in that at least some of the plates have a cut-out to form a housing receiving an insert provided with fixing means and having a fixing axis, the housing having at least one wall cooperating with an exterior surface of the insert to retain the insert along the fixing axis. Method of manufacturing such a packet.

No. of Pages : 15 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.117/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF MEASURING CHARACTERISTICS OF CRITICAL ORIFICE TYPE CONSTANT FLOW RATE INSTRUMENT FOR USE IN MULTISTAGE DILUTION MECHANISM

(51) International classification	:G01N	(71)Name of Applicant :
(31) Priority Document No	:2011-003867	<b>1)HORIBA, LTD.</b>
(32) Priority Date	:12/01/2011	Address of Applicant :2, MIYANOHIGASHI-CHO,
(33) Name of priority country	:Japan	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8510
(86) International Application No	:NA	Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)OTSUKI, YOSHINORI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SHINOHARA, MASAYOSHI</b>
Filing Date	:NA	<b>3)HANADA, KAZUO</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to bring a condition at the time of measuring characteristics of a critical orifice type constant flow rate instrument for use in a multi-stage dilution mechanism near to a condition in actual use as close as possible so as to reduce an error of a dilution ratio, a method of measuring characteristics of the critical orifice type constant flow rate instrument CFO1 is applied to a dilution mechanism 3 including dilution units 31 and 32 in series, wherein diluent gas of one dilution unit 31 and diluent gas of the other dilution unit 32 are kept flowing in a derivation flow passage E1 for deriving redundant gas of the corresponding one dilution unit 31 in a manner that the total flow rate thereof is equal to a prescribed constant flow rate and that the flow rate of the diluent gas from the corresponding dilution unit 31 is equal to the flow rate in use, whereby the flow rate characteristics of the critical orifice type constant flow rate instrument CFO1 are measured based on at least an upstream side pressure of the critical orifice type constant flow rate instrument CFO1 provided in the derivation flow passage E1 at this time. .

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1018/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : DISPLAY CONTROL APPARATUS&NBSP; METHOD FOR CONTROLLING DISPLAY

(51) International classification	:G09G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-064636	<b>1)Canon Kabushiki Kaisha</b>
(32) Priority Date	:23/03/2011	Address of Applicant :3-30-2 Shimomaruko Ohta-ku
(33) Name of priority country	:Japan	Tokyo Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MIGISHIMA Isao</b>
(87) International Publication No	: NA	<b>2)HIROSE Ayako</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A display control apparatus according to the present invention sequentially displays each of a predetermined number of display-target images out of a plurality of image candidates to be displayed on a display screen so that the display-target images are arranged in the display screen in order of arrangement according to a predetermined order of the plurality of images. The display control apparatus determines when the predetermined number of images are set as new display-target images according to the predetermined order the order of displaying the predetermined number of images so that each of the predetermined number of images is arranged in order of arrangement according to the predetermined order to sequentially display the images according to a display order different from the predetermined order. This enables a user to quickly determine whether a desired image is included in the images displayed on the display screen.

No. of Pages : 63 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1063/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : AIR CLEANER STRUCTURE

(51) International classification	:F01M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-065236	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:24/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SHIMIZU, TAKAHIKO</b>
Filing Date	:NA	<b>2)MITSUKAWA, MAKOTO</b>
(87) International 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 :

[Object] When a plurality of functions converge into an air cleaner of a scooter type vehicle, an air cleaner structure enables a reduction in length of piping to an internal combustion engine and the like without degradation in performance of filtering, air suction and the like. [Constitution] In the air cleaner structure, an air cleaner 6 for a scooter type vehicle 1, being mounted on a power unit 5, an air cleaner case 60 is formed in a shape elongated from a side of the internal combustion engine 2 toward a side of the rear wheel, an intake-air outlet passage 100 connected to an upstream end 24a of a connecting tube 24 is formed forward in the front of the air cleaner case, a filter member 76 is placed in the rear of the intake-air outlet passage in the air cleaner case, and a blowby gas return passage 102 connected to a blowby gas return pipe 112 of the internal combustion engine, and another passage 103 are juxtaposed with each other in a vertical direction and formed forward around the intake-air outlet passage in the front of the air cleaner case such that the blowby gas return passage is located below another passage

No. of Pages : 51 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1177/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING PAGING MESSAGE IN WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W	(71)Name of Applicant :
(31) Priority Document No	:61/474,729	<b>1)LG ELECTRONICS INC.</b>
(32) Priority Date	:12/04/2011	Address of Applicant :20 YEOUIDO-DONG,
(33) Name of priority country	:U.S.A.	YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)LEE, JIN</b>
(87) International Publication No	: NA	<b>2)YUK, YOUNG SOO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PARK, GI WON</b>
Filing Date	:NA	<b>4)KIM, JEONG KI</b>
(62) Divisional to Application Number	:NA	<b>5)RYU, KI SEON</b>
Filing Date	:NA	

(57) Abstract :

A method and apparatus for transmitting uplink (UL) data in a wireless communication system is provided. A machine-to-machine (M2M) device receives a deregistration response message including a transmission type and a maximum number of paging cycle during an idle mode entry, waits to receive a paging message for the M2M device to transmit the UL data during a period corresponding to up to (the maximum number of paging cycle x a length of paging cycle), and transmits the UL data.

No. of Pages : 43 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1178/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MANUFACTURING RAW RUBBER STRIP

(51) International classification	:B29C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-127573	<b>1)SUMITOMO RUBBER INDUSTRIES, LTD.</b>
(32) Priority Date	:07/06/2011	Address of Applicant :6-9, WAKINOHAMA-CHO 3-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-0072 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)NAKAMURA, YOSHINOBU</b>
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 intermittently manufacturing a raw rubber strip comprises a screw extruder, an extruder head having a preforming nozzle, a gear pump therebetween, a pair of calender rolls, a roll-gap changer for switching between a close state and an open state of calender rolls, and a controller for controlling the gear pump, the calender rolls and the roll-gap changer to let the calender rolls in the open state prior to the stopping of the rotation of the calender rolls.

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1061/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF LAPATINIB AND THE SALTS THEREOF

(51) International classification	:C07D
(31) Priority Document No	:MI2011A000480
(32) Priority Date	:25/03/2011
(33) Name of priority country	:Italy
(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 :**  
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Address of Applicant :VIALE MILANO, 26, I-36075 ALTE  
DI MONTECCHIO MAGGIORE, VICENZA Italy  
(72)**Name of Inventor :**  
**1)FONTANA, FRENCESCO**

(57) Abstract :

The present invention refers to a new process for the synthesis of the pharmaceutical active ingredient Lapatinib and the salts thereof. In particular, the present synthesis is performed using intermediates in which the hydroxyl function is protected by the tetrahydropyranyl group hence entailing greater solubility of the intermediates in the common organic solvents.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1062/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR PRODUCING MODIFIED PROPYLENE POLYMER

(51) International classification	:C08J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-067567	<b>1)SUMITOMO CHEMICAL COMPANY, LIMITED</b>
(32) Priority Date	:25/03/2011	Address of Applicant :27-1, SHINKAWA 2-CHOME,
(33) Name of priority country	:Japan	CHUO-KU, TOKYO 104-8260 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NAKAJIMA, HIROYOSHI</b>
(87) International Publication No	: NA	<b>2)SHIMANO, MITSUYOSHI</b>
(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 method for producing a modified propylene polymer excellent in the balance between melt tension and flowability, the method involving a heat treatment step of subjecting a mixture comprising 100 parts by weight of a propylene polymer (A) and from 0.01 to 20 parts by weight of an organic peroxide (B) whose decomposition temperature at which the half-life thereof becomes 1 minute is lower than 120°C to heat treatment by using an extruder at a temperature lower than the decomposition temperature of the organic peroxide (B) at which the half-life thereof becomes 1 minute.

No. of Pages : 34 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1119/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTOR-DRIVEN COMPRESSOR

(51) International classification :F16K  
(31) Priority Document No :2011-077020  
(32) Priority Date :31/03/2011  
(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

(71)Name of Applicant :

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AICHI-KEN Japan

(72)Name of Inventor :

**1)OTA, TAKAYUKI**

**2)MURAKAMI, KAZUO**

**3)SUITOU, KEN**

(57) Abstract :

A motor-driven compressor that suppresses the transmission of vibration and noise to the exterior. The motor-driven compressor includes a housing and a compressor mechanism and motor mechanism, which are arranged in the housing. The compressor mechanism draws refrigerant into the housing, compresses the refrigerant, and discharges the refrigerant from the housing. The motor mechanism actuates the compressor mechanism. The housing includes a first housing, in which the compressor mechanism and the motor mechanism are fixed, and a second housing, which includes a mounting portion that can be mounted to another member. An anti-vibration member is arranged between the first housing and the second housing.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1186/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DETECTION REGION EXPANSION APPARATUS, DISPLAY APPARATUS, AND DETECTION REGION EXPANSION METHOD

(51) International classification

:F25B

(31) Priority Document No

:2011-081169

(32) Priority Date

:31/03/2011

(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

(71)Name of Applicant :

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(72)Name of Inventor :

**1)HAMAMOTO, MASAKI**

**2)YAMADA, HIROHISA**

**3)TAJIMA, HIDEHARU**

**4)ETOH, ATSUSHI**

(57) Abstract :

A control section according to the present embodiment is for use in a display apparatus having an input display section capable of detecting a user's input operation and displaying a stereoscopic object. The control section includes a region expanding section for expanding a detection region of the stereoscopic object, so that the detection region becomes larger than a display region of the stereoscopic object, where the detection region is a region in which the user's input operation to select the stereoscopic object is detectable, and the display region is a region in which the stereoscopic object is displayed.

No. of Pages : 95 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1187/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC THREE-WHEELED VEHICLE

(51) International classification	:B60R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-079748	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:31/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)KURAKAWA, YUKINORI</b>
Filing Date	:NA	<b>2)NAKAYAMA, MASARU</b>
(87) International Publication No	: NA	<b>3)HASEGAWA, MAKOTO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide an electric three-wheeled vehicle in which a battery case located on a rear body can be small and the number of components can be decreased. [Constitution] A rear body 12 includes rear body frames 19 attached in a vertically swingable manner with respect to a body frame 2 and a chassis 17 attached to the rear body frames 19 by a pivot shaft 16 on a vehicle forward side in a vertically swingable manner. At least front and rear batteries BF and BR are located on the rear body frames 19 and a motor M and rear wheels WR are supported on the chassis 17. The front and rear batteries BF and BR are housed in a battery case 48 fixed on the rear body frames 19, a PDU 37 as a battery control device is located on a vehicle forward side of the battery case 48. A contactor 18 having a function to open and close the connection between the front and rear batteries BF and BR and the PDU 37 is located on a lateral face of the battery case 48.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1122/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTOR-DRIVEN COMPRESSOR

(51) International classification	:F04B
(31) Priority Document No	:2011-076998
(32) Priority Date	:31/03/2011
(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

(71)Name of Applicant :

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(72)Name of Inventor :

**1)OTA, TAKAYUKI**

**2)MURAKAMI, KAZUO**

**3)SUITOU, KEN**

(57) Abstract :

A motor-driven compressor that suppresses the transmission of vibration and noise to the exterior, while obtaining heating performance that is sufficient for use in a heat pump. The motor-driven compressor includes a compressor mechanism, which compresses a refrigerant, and a motor mechanism, which actuates the compressor mechanism. The motor-driven compressor further includes an inner housing, which accommodates the compressor mechanism and the motor mechanism in a sealed state, and an outer housing, which accommodates the inner housing. The outer housing includes a mounting portion that can be mounted to another member. A first intermediate member is arranged between the inner housing and the outer housing. The first intermediate member includes anti-vibration and thermal insulation properties.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.119/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOCK FOR A DOOR OR THE LIKE AND HAND TOOL FOR A LOCK

(51) International classification	:E05B	(71) <b>Name of Applicant :</b>
	:DE 10	<b>1)DORMA GMBH+CO. KG</b>
(31) Priority Document No	2011 000	Address of Applicant :DORMA PLATZ 1, D-58256
	576.5	ENNEPETAL Germany
(32) Priority Date	:09/02/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Germany	<b>1)HANS-RAINER SPECKAMP</b>
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a lock (1) for a door, a window, a cover element or the like, in which a device (8) for positioning a hand tool (20) within the lock casing (2) of the lock (1) is provided, wherein, in the positioning orientation of the hand tool (20) within the lock casing (2), the hand tool (20) can be brought into engagement with the latch-bolt shaft (5) of the lock (1) in such a way that, by turning the hand tool (20) in the positioning orientation, the latch-bolt (4) can be moved beyond a protracted position out of the lock casing (2) and into a change-over position in which position the latch-bolt (4) is freely and rotationally turnable.

Furthermore, the invention relates to a hand tool (20) for reversing the latch-bolt (4) of a lock (1) for a door, a window, a cover element or the like, as well as a lock unit (30) with a lock (1) and a hand tool (20).

No. of Pages : 21 No. of Claims : 19



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1190/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC THREE-WHEELED VEHICLE

(51) International classification	:B60G	(71)Name of Applicant :
(31) Priority Document No	:2011-080330	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:31/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)SHINDE, YASUO</b>
Filing Date	:NA	<b>2)HONDA, KOICHIRO</b>
(87) International Publication No	: NA	<b>3)KURODA, KAZUNORI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide an electric three-wheeled vehicle in which the locations and arrangement of a battery and various electric components are specially designed to enhance steerability, etc. without an increase in the weight of the vehicle. [Constitution] In an electric three-wheeled vehicle 1 which runs by driving a pair of left and right rear wheels WR by the rotary driving power of a motor M supplied with electric power from a battery 25 with a rear body 30 including the motor M and rear wheels WR attached at the back of a body frame 2 in a vertically swingable and transversely tiltable manner, a battery box 25a for housing at least the battery 25 is supported by a battery box supporting frame 44 joined to the body frame 2 below a seat 21 of the electric three-wheeled vehicle 1. A monitoring board 54 for monitoring the state of the battery 25 is located on the top of the battery 25 and a BMU 24 for collecting information from the monitoring board 54 and a contactor 23 for opening and closing the connection between the battery 25 and a drive circuit for the motor M are housed in the battery box 25a and in front of the battery 25.

No. of Pages : 46 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1191/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING THE PERFORMANCE OF AN ENTERPRISE APPLICATION

(51) International classification

:G06Q

(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)INFOSYS TECHNOLOGIES LIMITED**

Address of Applicant :IP CELL, PLOT NO 44,  
ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560  
100 Karnataka India

(72)Name of Inventor :

**1)SANDEEP BHAGAT**

**2)ASHUTOSH SHINDE**

**3)VENKATA REDDY DONTIREDDY**

(57) Abstract :

The present disclosure relates to a framework to improve the predictability of performance problems in an enterprise application. In one embodiment, the present disclosure produces accurate predictive analysis by taking into consideration all the factors including workload, historical performance etc. which are significant for determining the future performance characteristics of the system. The workload model is co-related with the captured metrics to diagnose performance issues and enable predictive analysis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1003/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD OF CONTROLLING A COOLING DEVICE FOR A MACHINE TOOL

(51) International classification	:F02D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 52424	<b>1)MESSIER-BUGATTI-DOWTY</b>
(32) Priority Date	:23/03/2011	Address of Applicant :Inovel Parc Sud 78140 Velizy
(33) Name of priority country	:France	Villacoublay France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CLAUSMANN Denis</b>
(87) International Publication No	: NA	<b>2)AUGELMANN Laurent</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KEHREN Claude</b>
Filing Date	:NA	<b>4)JOUBERT Christophe</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of controlling a cooling device (1) for cooling a cutting tool (2) in a machine tool (3). The method comprising the steps of: controlling the motor (M) to drive the pump (5) in such a manner that the pump (5) feeds the nozzle (6) with machining fluid at a constant flow rate (D1) that is equal to a first flow rate setpoint; measuring a parameter (P) representative of a fluid outlet pressure from the nozzle (6); and comparing an estimated outlet pressure (Pestim) as estimated from the parameter (P) with a first predetermined pressure threshold (Ps1) and controlling the motor (M) so as to increase the fluid flow rate (D1) as delivered by the pump (5) if the estimated output pressure drops below the first pressure threshold (Ps1).

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1004/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE AND METHOD FOR CONTROLLING FEED OF LAP IN COMBER

(51) International classification	:D01G	(71)Name of Applicant :
(31) Priority Document No	:2011-063201	<b>1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI</b>
(32) Priority Date	:22/03/2011	Address of Applicant :2-1 Toyoda-cho Kariya-shi Aichi-
(33) Name of priority country	:Japan	ken Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SHINOZAKI Yutaka</b>
(87) International Publication No	: NA	<b>2)KOJIMA Naoki</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

As shown in , the comber has a plurality of combing heads (11) each having a lap feeder (12, 12A, 26, 27). The lap feeder (12, 12A, 26, 27) has a motor (26) that can be driven independently of a combing drive device (24, 25). The lap feed control device (28) is characterized in that it includes an arithmetic-logic unit (31) and a control unit (31). When the comber is operated with the motor (26) driven at a constant speed on a trial basis, variation of sliver weight relative to decrease of diameter of the lap roll (L) is measured. The arithmetic-logic unit (31) calculates a speed change pattern of the motor (26) from the measurements to equalize the weight of the sliver or reduce the variation of the weight of the sliver. The control unit (31) controls the motor (26) in accordance with the speed change pattern.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1040/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PERFLUORO COMPOUNDS FOR USE IN IMAGING

(51) International classification :A61K49/10  
(31) Priority Document No :09166955.6  
(32) Priority Date :31/07/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053321  
Filing Date :21/07/2010  
(87) 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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(72)**Name of Inventor :**  
**1)YILDIRIM Muhammed**  
**2)GRUELL Holger**  
**3)LAMERICHs Rudolf Mathias Johannes Nicolaas**

(57) Abstract :

Described is the use of perfluoro-t-butyl cyclohexane in a contrast agent for molecular imaging notably 19F MRI. Particularly the perfluoro-t-butyl cyclohexane is present in the form of an aqueous emulsion of nanoparticles comprising the perfluoro compound as a core and an emulsifying agent such as a phospholipid as a shell. The shell can be functionalized with other moieties that play a role in imaging notably ligands for targeted binding and/or contrast agents or labels with a view to other imaging modalities. The latter particularly refers to 1H MRI contrast agents as well as radiolabels for SPECT.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.116/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING MEDIA OBJECTS IN MOBILE COMMUNICATION DEVICES

(51) International classification	:G06F
(31) Priority Document No	:11150802.4
(32) Priority Date	:13/01/2011
(33) Name of priority country	:EPO
(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)RESEARCH IN MOTION LIMITED**  
Address of Applicant :295 PHILLIP STREET,  
WATERLOO, ONTARIO N2L 3W8 Canada  
(72)**Name of Inventor :**  
**1)VUONG THANH VINH**

(57) Abstract :

A method of managing, or organizing, media objects generated by a plurality of portable electronic devices by defining a project and associating media objects created or stored on the plurality of devices to the project. As media objects are created, the object's metadata can be examined to determine if the media objects satisfy the project criteria, and a project tag can be associated with the media object. A media project can be created for a single type of media object, e.g. photographs, or can encompass multiple media object types, such as digital photographs, video clips, and multimedia objects, in a single media project.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.123/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ILLUMINATION SYSTEM FOR SPOT ILLUMINA

(51) International classification :F21V7/00

(31) Priority Document No :09162852.9

(32) Priority Date :16/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/052559

Filing Date :09/06/2010

(87) 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 :

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(72)Name of Inventor :

**1)TUKKER Teunis Willem**

**2)LENDERIK Egbert**

**3)KURT Ralph**

**4)SPIKES Mark Eduard Johan**

(57) Abstract :

An illumination system (10) for spot illumination comprising a tubular reflector (2) with a reflective inner surface the tubular reflector (2) having an entrance aperture (7) and an exit aperture (8) being larger than the entrance aperture (7); and a light-source array (1) comprising a plurality of light-sources (13a c; 30a d 31a d 32a d) arranged to emit light into the tubular reflector (2) at the entrance aperture (7) thereof. At least one of the tubular reflector (2) and the light-source array (1) is configured in such a way that each symmetry state of the light-source array (1) is different from any symmetry state of the tubular reflector (2). By avoiding coinciding symmetry states the occurrence of preferred directions of the emitted light can be reduced whereby the spatial homogeneity with respect to intensity and where applicable color of the emitted light can be improved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1127/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HYDRAULIC SHOCK ABSORBER

(51) International classification

:F16F

(31) Priority Document No

:2011-082151

(32) Priority Date

:01/04/2011

(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

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**1)SMC CORPORATION**

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(72)Name of Inventor :

**1)MIYASATO, EIKO**

**2)ISHIKAWA, MASAYUKI**

**3)MITA, TSUYOSHI**

**4)HIROKI, AKIRA**

**5)TAKAKUWA, YOUJI**

**6)MATSUZAKI, KOUICHI**

**7)MINAKUCHI, TOSHIO**

**8)KESSOKU, MARIKO**

**9)YOSHINAGA, KODAI**

(57) Abstract :

There is provided a shock absorber which enables stable stop by damping at the terminal of a stroke and which can easily cover demanded impact-absorbing models. The shock absorber has a piston chamber filled with oil and involves, within a stroke range of a piston, a start part in which piston starts to move, a main decelerating part, and an end part in which piston is stopped. In the start part, a curve is formed so as to provide a diameter larger than that of a virtual tapered surface formed within the stroke range of the piston and so as to be outward to the central axis of the piston chamber. In the main decelerating part, a variation of diameter reduction is gradually increased with the result that the diameter becomes smaller than that of the tapered surface, and a curve is formed such that the change in the variation of diameter reduction reaches the maximum variation point and turns from positive to negative. In the end part, the variation of diameter reduction is gradually decreased with the result that a curve which enables piston to be stopped by damping is formed.

No. of Pages : 19 No. of Claims : 8



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1127/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING COMPUTED TOMOGRAPHY IMAGES WITH OFFSET DETECTOR GEOMETRIES

(51) International classification :G06T11/00  
(31) Priority Document No :61/231702  
(32) Priority Date :06/08/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053093  
Filing Date :06/07/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)SOWARDS-EMMERD David**  
**2)NORTMANN Charles**  
**3)HANSIS Eberhard**  
**4)GRASS Michael**

(57) Abstract :

In accordance with one aspect of the invention a method and apparatus for generating complete scout scans with CT imaging devices having offset detector geometries is provided. In accordance with another aspect of the invention a method and apparatus for increasing the reconstructable field of view for CT imaging devices having offset detector geometries is provided. In accordance with another aspect of the invention a method and apparatus for image reconstruction for region of interest and full-body imaging with CT imaging devices having offset detector geometries is provided. In accordance with another aspect of the invention a combined x-ray and SPECT imaging system is provided.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1128/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MEASUREMENT DEVICE FOR DETERMINING STARCH CONTENT IN TAPIOCA AND ITS OPERATION METHOD

(51) International classification :C08B  
(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)S RAJAMANI**  
Address of Applicant :104/1B CINNA GOUNDER  
TOTTAM, PUTHIRAGOUNDAN PALAYALAM (P.O),  
ATTUR, SALEM DISTRICT - 636 119 Tamil Nadu India  
(72)**Name of Inventor :**  
**1)S RAJAMANI**

(57) Abstract :

The present invention discloses, a measurement device for determining Starch content in Tapioca and its operation method. Said device comprises a water bowl (15) fixed with foot pedal (12). It further comprises a hanging basket (13). The Tapioca root is contained within hanging basket (13) and the initial weight is measured and displayed in digital format on the LCD screen (14) provided on a Digital scale (11).Then, the water bowl (15) is raised with the help of foot pedal (12) and the hanging basket (13) containing root is immersed in it. Once the water reaches a certain height it touches the elevated surface of a rod that is connected to tripping switch inside the digital scale(11). A disconnecting element/strain gauge (16) facilitates the device to disconnect the digital scale and measures the specific weight of the root thereby determining the Starch content in the Tapioca.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.126/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SNORING REDUCTION APPARATUS

(51) International classification :A61F5/56  
(31) Priority Document No :09162861.0  
(32) Priority Date :16/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052586  
Filing Date :10/06/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)FLINSENBURG Ingrid Christina Maria**  
**2)AOUN Marc**

(57) Abstract :

The invention relates to a snoring reduction apparatus (1) comprising a position determination unit (3 4) for determining a position of the person an actuation pattern determining unit (5) for determining an actuation pattern according to which the person is to be actuated depending on the determined snoring and the determined position of the person and an actuation unit (6 7) for actuating the person in accordance with the actuation pattern. Since an actuation pattern is determined not only depending on the determined snoring but also depending on the determined position of the person the actuation pattern can be adapted to the current position of the snoring person. The consideration of the position of the person while determining the actuation pattern and the corresponding actuation of the person allow more accurately stimulating a person in order to more effectively reduce snoring of the person.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1111/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING FEVER IN ANIMALS

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)NAICKER, CHINNA GURUSAMY</b>
(32) Priority Date	:NA	Address of Applicant :T. RAMANATHAPURAM
(33) Name of priority country	:NA	TALUKA, PERAIYUR Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)NAICKER, CHINNA GURUSAMY</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of plant extracts of Cadaba fruticosa, Cassia auriculata, Acacia nilotica, Cymbopogon citratus, Cynodon dactylon and Mimosa pudica for use in treating fever in animals. The present invention also relates to a process for the preparation of such composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1112/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TOPICAL HERBAL EXTRACT COMPOSITION FOR USE IN TREATING YOKE-GALL

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)R. PICHANDI</b>
(32) Priority Date	:NA	Address of Applicant :V. SEMBANKANNI, BABANSAN
(33) Name of priority country	:NA	UPPER DAM Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)R. PICHANDI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel synergistic herbal extract topical composition comprising therapeutically effective amounts of extracts of leaves of Corallocarpus epigaus (Rottl.) Clarke, leaves of Chloroxylon swietenia, leaves of Diplocyclos palmatus, leaves of Pupalia lappacea and whole plant of Triumfetta rhomboidea for use in treating or preventing yoke-gall in animals. The present invention also relates to a process for the preparation of such composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1185/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : USE OF WHOLE GRAIN - HYDROCOLLOID COMPLEXES PRODUCED BY HEAT-MOISTURE TREATMENT FOR SATIETY, REDUCTION OF FOOD INTAKE, AND WEIGHT MANAGEMENT

(51) International classification	:A23L
(31) Priority Document No	:13/077,393
(32) Priority Date	:31/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)CORN PRODUCTS DEVELOPMENT, INC.**  
Address of Applicant :5 WESTBROOK CORPORATE  
CENTER, WESTCHESTER, ILLINOIS 60154 U.S.A.  
(72)**Name of Inventor :**  
**1)FINOCCHIARO, EUGENE TERRY**  
**2)JANIK, DANUTA, MARIA**

(57) Abstract :

The present invention relates to whole grain - hydrocolloid complexes, their preparation and their use in foods. The complexes positively impact the foods into which they are incorporated to give longer-lasting and/or more potent satiety, preferably without adversely affecting texture and processing thereby enabling the development of commercially viable ingredients for energy management. The invention further relates to the reduction of food intake and/or management of weight by increasing such satiety.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1258/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPLICATION SHARING IN MULTI HOST COMPUTING SYSTEMS

(51) International classification

:G06F

(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)INEDA SYSTEMS PVT. LTD**

Address of Applicant :8-2-120/115/C, SUDHA ENCLAVE,  
ROAD NO. 2, BANJARA HILLS, HYDERABAD-500 034.  
Andhra Pradesh India

(72)Name of Inventor :

**1)KANIGICHERAL, BALAJI**

**2)ADUSUMILLI, SRIDHAR**

**3)BANDI, SARVESHWAR**

**4)ANNAPUREDDY, NARSI REDDY**

**5)CHETTIAR, CHANDRA KUMAR**

**6)ARUMILLI, KISHOR**

(57) Abstract :

The present subject matter discloses methods and systems of application sharing in multi-host computing system (100) running multiple operating systems. In one embodiment, the method for application sharing in a multi-host computing system (100) comprises receiving a request to launch an application in a first operating system of the multi-host computing system (100) from a second operating system of the multi-host computing system (100), generating an application launch request to launch the application and transmitting the application launch request to a widget daemon running on the first operating system using a PCIe to PCIe application redirection engine. The method further comprises initiating an application sharing session between the first operating system of the multi-host computing system (100) from the second operating system of the multi-host computing system (100).

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1259/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : USB VIRTUALIZATION

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INEDA SYSTEMS PVT. LTD</b>
(32) Priority Date	:NA	Address of Applicant :8-2-120/115/C, SUDHA ENCLAVE,
(33) Name of priority country	:NA	ROAD NO.2, BANJARA HILLS, HYDERABAD-500 034,
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KANIGICHERLA, BALAJI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)VOLETI, SIVA RAGHURAM</b>
Filing Date	:NA	<b>3)DOMMETI, SURYA NARAYANA</b>
(62) Divisional to Application Number	:NA	<b>4)TANDABOINA, KRISHNA MOHAN</b>
Filing Date	:NA	<b>5)LOTTI, RAJANI</b>

(57) Abstract :

Described herein are methods and systems for virtualization of a USB device to enable sharing of the USB device among a plurality of host processors in a multi-processor computing system. A USB virtualization unit for sharing of the USB device include a per-host register unit, each corresponding to a host processor includes one or more of a host register interface, host data interface, configuration registers, and host control registers, configured to receive simultaneous requests from one or more host processors from amongst the plurality of host processors for the USB device. The USB virtualization unit also includes a pre-fetch direct memory access (DMA) configured to pre-fetch DMA descriptors associated with the requests to store in a buffer. The USB virtualization unit further includes an endpoint specific switching decision logic (ESL) configured to schedule data access based on the DMA descriptors from the host processor's local memory corresponding to each request.

No. of Pages : 27 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1135/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : USE OF EXTRUDED STARCH-BASED COMPLEXES FOR SATIETY, REDUCTION OF FOOD INTAKE, AND WEIGHT MANAGEMENT

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:13/077,320	<b>1)CORN PRODUCTS DEVELOPMENT, INC.</b>
(32) Priority Date	:31/03/2011	Address of Applicant :5 WESTBROOK CORPORATE
(33) Name of priority country	:U.S.A.	CENTER, WESTCHESTER, ILLINOIS 60154 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)FINOCCHIARO, EUGENE TERRY</b>
(87) International Publication No	: NA	<b>2)PARK, MATTHEW R.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SHAH, TUSHAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to starch-hydrocolloid complexes, their preparation and their use in foods. The complexes positively impact the foods into which they are incorporated to give longer-lasting and/or more potent satiety, thereby helping energy management. The invention further relates to the reduction of food intake and/or management of weight by increasing such satiety.

No. of Pages : 60 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.120/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWDER COATING COMPOSITIONS CAPABLE OF HAVING A SUBSTANTIALLY NON-ZINC CONTAINING PRIMER•

( 1) International classification :C09D5/03  
(31) Priority Document No :61/229,5 5  
(32) Priority Date :29/07/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/EP2010/060907  
Filing Date :27/07/2010  
(87) 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)AKZO NOBEL COATINGS INTERNATIONAL B.V.**  
Address of Applicant :Velperweg 76 NL-6824 BM  
Arnhem The NETHERLANDS  
(72)**Name of Inventor :**  
**1)LUCAS Chad**

(57) Abstract :

Corrosion and chip-resistant coatings for high tensile steel components such as automotive coil springs can be formed from a coating composition comprising a primer having an epoxy resin with the proviso that the epoxy resin does not have an EEW of about 860 to about 930 a polyhydroxyl functional phenolic curing agent having a HEW of about 200 to about 500 and a platy filler. The primer contains less than 20 wt% zinc. The topcoat includes an epoxy resin having an epoxy equivalent weight of about 450 to about 1400 an elastomer-modified epoxy resin having an epoxy equivalent weight of about 1000 to about 1600 a foaming agent and a reinforcing fiber.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.127/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ILLUMINATION SYSTEM FOR SPOT ILLUMINATION WITH REDUCED SYMMETRY

(51) International classification	:F21V7/00	(71)Name of Applicant :
(31) Priority Document No	:09162852.9	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:16/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052611	(72)Name of Inventor :
Filing Date	:11/06/2010	<b>1)KURT Ralph</b>
(87) International Publication No	: NA	<b>2)TUKKER Teunis Willem</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An illumination system (1; 30; 40; 60; 70; 90) for spot illumination comprising: a tubular reflector (3; 31; 61; 91) with a reflective inner surface, the tubular reflector having an entrance aperture (9), and an exit aperture (10) being larger than the entrance aperture; and a light-source array (2; 33; 41; 63; 71; 93) comprising a plurality of light-sources arranged in a physical light-source configuration to emit light into the tubular reflector at the entrance aperture thereof. The tubular reflector (3; 31; 61; 91) comprises a plurality of reflective surfaces (14a-g) each being arranged to provide a primary mirror image of the light-source array, the primary mirror image having a primary mirror image light-source configuration; and the light-source array (2; 33; 41; 63; 71; 93) is configured in such a way that, for each of the primary mirror image, at least half of all secondary mirror images of the light-source array resulting from reflection of the primary mirror image by the reflective surfaces (14a-g) exhibit secondary mirror image light-source configurations that are different from the physical light-source configuration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1270/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED FIBRE OPENING AND CLEANING APPARATUS IN A TEXTILE MACHINE

(51) International classification	:D01H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)LAKSHMI MACHINE WORKS LTD.</b>
(32) Priority Date	:NA	Address of Applicant :PERIANAICKENPALAYAM,
(33) Name of priority country	:NA	COIMBATORE 641 020 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NARAYANASWAMY KRISHNAKUMAR</b>
(87) International Publication No	: NA	<b>2)GOVINDHARAJULU MANI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RAMASAMY DAKSHINAMOORTHY</b>
Filing Date	:NA	<b>4)SULUR ANGANNAN SARAVANAKUMAR</b>
(62) Divisional to Application Number	:NA	<b>5)NARAYANASAMY KATHIRAVAN</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved fibre opening and cleaning apparatus for use in a textile spinning preparatory machine. Normally opening elements such as plucking teeth, hooks, pins, etc, are fixed over the opening rollers in order to open and clean the textile fibres. This invention proposes to fix the opening elements on both outer and inner periphery of the opening roller. This will be more advantageous since single opening roller can be used for both coarse and fine opening and cleaning operations.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1270/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DISPLAY CONTROL DEVICE, DISPLAY CONTROL METHOD, AND PROGRAM

(51) International classification	:G06T
(31) Priority Document No	:2011086679
(32) Priority Date	:08/04/2011
(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

(71)**Name of Applicant :**  
**1)SONY CORPORATION**  
Address of Applicant :1-7-1 KONAN, MINATO-KU,  
TOKYO Japan  
(72)**Name of Inventor :**  
**1)SHUNICHI KASAHARA**

(57) Abstract :

Aspects of the present invention include a display control device comprising a determining unit configured to determine an orientation of a real object in a real space image. The device may also comprise a control unit configured to select between first and second orientations of a virtual object based on the real object orientation, one of the first or second virtual object orientations aligning the virtual object with the orientation of the real object, and output an image of the virtual object based on the selected orientation, for display on an associated display device.

No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1097/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPACT VEHICLE FRAME STRUCTURE

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:2011-069355	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:28/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)KASHIWAI, MIKIO</b>
Filing Date	:NA	<b>2)KOBAYASHI, HIROYOSHI</b>
(87) International Publication No	: NA	<b>3)SUGITA, HARUOMI</b>
(61) Patent of Addition to Application Number	:NA	<b>4)KIKUCHI, OSAMU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide a compact vehicle frame structure capable of hardly having an influence of external force generated by, for example, impact on a battery while suppressing occurrence of a dramatic weight increase. Constitution] The compact vehicle frame structure includes: a vehicle body frame (20); a floor (30) permitting placement of feet of a driver seated on a seat (31) provided in the vehicle body frame (20); and a battery (B) provided on a bottom side of the floor (30) and supplying electric power to a motor (M) , and the vehicle body frame (20) is provided with: a pair of right and left inner frame members (21) provided on sides of the battery (B) ; and a pair of right and left outer frame members (22) each having a battery protection part (22p) of a hollow shape located on an outer side of the inner frame member (21) and separately from the battery (B).

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1098/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE FOR THE LOW-TEMPERATURE SEPARATION OF AIR

(51) International classification	:F25J
(31) Priority Document No	:102011015233.4
(32) Priority Date	:25/03/2011
(33) Name of priority country	:Germany
(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)LINDE AKTIENGESSELLSCHAFT**  
Address of Applicant :KLOSTERHOFSTR. 1, 80331  
MUNCHEN Germany  
(72)**Name of Inventor :**  
**1)AUGUSTIN, RAMPP**

(57) Abstract :

Device for the low-temperature separation of air The device serves for the low-temperature separation of air and comprises a main heat exchanger (6) which comprises at least two heat-exchanger blocks, a distillation column system for nitrogen-oxygen separation (5) that has at least one high-pressure column, a subcooling-counterflow heat exchanger (2), means for introducing feed air via the main heat exchanger (6) into the high-pressure column, means for introducing a liquid stream from the distillation column system for nitrogen-oxygen separation (5) into the subcooling-counterflow heat exchanger (2) and means for introducing a gas stream (16) from the distillation column system for nitrogen-oxygen separation (5) into the subcooling-counterflow heat exchanger (2). The main heat exchanger (6) and the subcooling-counterflow heat exchanger (2) are arranged in a first cold box (12). The top end of the subcooling-counterflow heat exchanger (2) is arranged below the bottom end of the main heat exchanger (6). The subcooling-counterflow heat exchanger (2), via at least one pipeline (17, 18, 19) which flow-connects main heat exchanger (6) and subcooling-counterflow heat exchanger (2), is suspended on the main heat exchanger (6).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1099/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR PRODUCING OXIME

(51) International classification :C07C  
(31) Priority Document No :2011-069446  
(32) Priority Date :28/03/2011  
(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

(71)**Name of Applicant :**  
**1)SUMITOMO CHEMICAL COMPANY, LIMITED**  
Address of Applicant :27-1, SHINKAWA 2-CHOME,  
CHUO-KU, TOKYO 104-8260 Japan  
(72)**Name of Inventor :**  
**1)TSUJIUCHI, SHO**  
**2)FUKAO, MASAMI**

(57) Abstract :

There is provided a method for producing an oxime compound, which is characterized by the steps of (a) oxidizing cumene to produce cumene hydroperoxide, (b) subjecting the cumene hydroperoxide to an ammoximation reaction with ammonia and a ketone in the presence of a catalyst to produce a reaction mixture containing an oxime compound corresponding to the ketone and 2-phenyl-2-propanol, (c) separating a fraction of 2-phenyl-2-propanol and the oxime compound corresponding to the ketone from the reaction mixture resulting in the step (b), (d) converting 2-phenyl-2-propanol in the fraction to cumene, and (e) recycling at least a portion of the cumene resulting in step(d) to step (a).

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.129/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FUEL ADDITIVES AND GASOLINE CONTAINING THE ADDITIVES

(51) International classification	:C10L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/009,289	<b>1)AFTON CHEMICAL CORPORATION</b>
(32) Priority Date	:19/01/2011	Address of Applicant :330 South Fourth Street Richmond
(33) Name of priority country	:U.S.A.	Virginia-23219 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)FANG Xinggao</b>
(87) International Publication No	: NA	<b>2)LAGONA Jason</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NUCKOLS Michel</b>
Filing Date	:NA	<b>4)THOMAS May Duffield</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a gasoline additive concentrate including a reaction product of (a) 1 8-naphthalic anhydride; and (b) a reaction product of a hydrocarbyl-substituted succinic anhydride with a polyamine. Fuel compositions containing the additive concentrate are also disclosed. Method of reducing greenhouse gas emissions is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1154/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIQUID DISPENSER AND METHOD FOR PREVENTING LIQUID SEGREGATION

(51) International classification	:B67D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/073,252	<b>1)Fluid Management Operations LLC</b>
(32) Priority Date	:28/03/2011	Address of Applicant :1023 Wheeling Road Wheeling
(33) Name of priority country	:U.S.A.	Illinois 60090 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BAAK Mark</b>
(87) International Publication No	: NA	<b>2)PEETERS Bas</b>
(61) Patent of Addition to Application Number	:NA	<b>3)VOSKUIL Marcus Johannes</b>
Filing Date	:NA	<b>4)ENGELS Marcel Hendrikus Petrus</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for selectively dispensing liquids, such as paint colorants. The apparatus comprises container assemblies with a container and a pump. A pump conduit connects the pump to a valve assembly. A recirculation conduit connects the container to the valve assembly bypassing the pump. The valve assembly is configured to be switched between a dispensing position and a recirculation position closing off the dispense conduit. Method of preventing segregation of a multiphase liquid in a pump conduit between a container and a dispense conduit, A valve assembly between the pump conduit and the dispense conduit closes off the dispense conduit while it opens a recirculation conduit between the container and the valve assembly. The liquid is circulated via a circuit formed by the container, the pump conduit, the valve assembly and the recirculation unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1219/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HAND-HELD POWER TOOL AND PRODUCTION METHOD

(51) International classification	:B21D
(31) Priority Document No	:102011007660.3
(32) Priority Date	:19/04/2011
(33) Name of priority country	:Germany
(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)HILTI AKTINENGESSELLSCHAFT**  
Address of Applicant :FELDKIRCHERSTRASSE 100,  
9494 SCHAAN Liechtenstein  
(72)**Name of Inventor :**  
**1)FUNFER, JOSEF**

(57) Abstract :

A production method provides for punching holes in a metal strip, cold-forming the metal strip to form a guide tube, and joining the lengthwise edges of the metal strip to each other by means of a seam so as to create a uniform material. Subsequently, a piston-like striker is inserted into the guide tube.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.122/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CORRECTION METHOD FOR DIFFERENTIAL PHASE CONTRAST IMAGING

(51) International classification	:A61B6/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09162764.6	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:16/06/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/052577	(72) <b>Name of Inventor :</b>
Filing Date	:10/06/2010	<b>1)ENGEL Klaus J.</b>
(87) International Publication No	: NA	<b>2)GELLER Dieter</b>
(61) Patent of Addition to Application Number	:NA	<b>3)VOGTMEIER Gereon</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention generally refers to a correction method for grating- based X-ray differential phase contrast imaging (DPCI) as well as to an apparatus which can advantageously be applied in X-ray radiography and tomography for hard X-ray DPCI of a sample object or an anatomical region of interest to be scanned. More precisely the proposed invention provides a suitable approach that helps to enhance the image quality of an acquired X-ray image which is affected by phase wrapping e.g. in the resulting Moir interference pattern of an emitted X-ray beam in the detector plane of a Talbot-Lau type interferometer after diffracting said X-ray beam at a phase-shifting beam splitter grating.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1220/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : REMOTE ACCESS OF INFORMATION STORED IN A MOBILE PHONE

(51) International classification	:H04M
(31) Priority Document No	:13/299,363
(32) Priority Date	:18/11/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
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Address of Applicant :500 Oracle Parkway M/S 50P7  
Redwood Shores California 94065 U.S.A.  
(72)**Name of Inventor :**  
**1)Usha Rani Bendrum**

(57) Abstract :

A device accessible by a network interface based on cellular telephony receives an SMS (short messaging service) message and in response causes information stored on a mobile phone to be transmitted to a server system. A user can thereafter access the data by interfacing with the server system using protocols such as IP. In an embodiment the device is the mobile phone which on receipt of the SMS message transmits the data to a server system. In another embodiment the device is a server system which initiates communication with the mobile phone to cause the data to be transferred.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.13/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ROTARY ELECTRIC MACHINE

(51) International classification	:H02M	(71)Name of Applicant :
(31) Priority Document No	:2011-195074	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:07/09/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)KAGAWA, RYUTA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MATSUURA, KENJI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Problem to be solved] To provide a rotating electrical machine capable of preventing a refrigerant leaked from a refrigerant flow path from entering the inside of a frame even when the refrigerant leaks from an opening leading to the refrigerant flow path.

[Solution] A rotating electrical machine according to an embodiment includes a rotor rotatable around a rotation shaft, a stator arranged to face the rotor, and a frame 2 which accommodates the rotor and the stator and in which a refrigerant flow path 22 is formed in a sidewall 20. The frame includes a through hole 26 that penetrates from the refrigerant flow path 22 to an outer periphery of the sidewall and is covered by a lid member 27.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.132/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : TORQUE-LIMITED ATTACHMENT DEVICE

(51) International classification	:F16L
(31) Priority Document No	:102011003835.3
(32) Priority Date	:09/02/2011
(33) Name of priority country	:Germany
(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 :**  
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9494 SCHAAN Liechtenstein  
(72)**Name of Inventor :**  
**1)SCHAEFFER, MARC**  
**2)SELB, MICHAEL**  
**3)GOLDT, MATHIAS**

(57) Abstract :

The invention relates to a torque-limited attachment device, having a first head piece with at least one shaped element for the purpose of establishing a positive-fit connection to an attachment tool, and having a second head piece which has at least one threading, wherein both head pieces are connected to each other, forming at least one predetermined breaking point which breaks at a limit torque between the two head pieces such that a first breakaway surface, the same being functionally assigned to the first head piece, and a second breakaway surface, the same being functionally assigned to the second head piece, are created, and wherein at least the second head piece has a base material inside, the same having a corrosion-resistant surface coating. The invention is characterized in that at least the breakaway surface which is functionally assigned to the second head piece has a higher resistance to corrosion than an uncoated surface of the base material of the second head piece.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1320/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SPINNING MACHINE AND A METHOD THEREOF

(51) International classification	:D01H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)AMIRTHA LINGAM JOTHI MURUGAN</b>
(32) Priority Date	:NA	Address of Applicant :2/245 B, II STREET, TEACHERS
(33) Name of priority country	:NA	COLONY, V.K. ROAD, CHERANMA NAGAR(PO),
(86) International Application No	:NA	COIMBATORE Tamil Nadu India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)AMIRTHA LINGAM JOTHI MURUGAN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the spinning of textile yarns and is particularly concerned with a method of and apparatus for the spinning of textile yams from the waste generated by the spinning preparatory machines such as combing machine. The basic object of the present invention is to produce yarn from the short fibre waste generated by the spinning preparatory machines by providing yarn forming apparatus with fibre opening and or drafting, twisting means and yam winding means in the spinning preparatory machines.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1320/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DRIVE SYSTEM OF THE ENGINE COOLING SYSTEM FOR MOTOR VEHICLES

(51) International classification	:F16F 15/00	(71) <b>Name of Applicant :</b> <b>1)MAN TRUCK &amp; BUS AG</b> Address of Applicant :DACHAUER STR. 667, 80995 MUNCHEN Germany
(31) Priority Document No	:10 2011 016 204.6	(72) <b>Name of Inventor :</b> <b>1)LECHNER, MATTHIAS</b>
(32) Priority Date	:06/04/2011	
(33) Name of priority country	:Germany	
(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 drive system for a fan 5 of an engine cooling system in a motor vehicle, wherein the motor vehicle has a radiator 2 for re-cooling a cooling medium for cooling an internal combustion engine 3, and wherein a fan 5 which is driven by means of a driveshaft 4 of the internal combustion engine 3 and which serves for cooling the engine cooling medium is arranged between the radiator 2 and the internal combustion engine 3. The drive system 1 has a viscous coupling 6 and a vibration damper 7 which comprises an elastic element and which dampens and/or decouples the vibrations between the driveshaft-side output A of the internal combustion engine 3 and the fan 5. The viscous coupling 6 and the vibration damper 7 are arranged between the internal combustion engine 3 and the fan 5, wherein the vibration damper 7 is arranged between the fan 5 and the viscous coupling 6 and dampens and/or decouples vibrations acting between the fan 5 and the viscous coupling 6.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1320/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PEPTIDE AND A METHOD FOR PURIFYING PERTUSSIS TOXIN

(51) International classification :C07K14/00  
(31) Priority Document No :60/523,881  
(32) Priority Date :20/11/2003  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2004/38700  
Filing Date :18/11/2004  
(87) International Publication No :WO/2005/051985  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :1787/CHENP/2006  
Filed on :18/11/2004

(71)**Name of Applicant :**  
**1)SANOFI PASTEUR, INC.**  
Address of Applicant :DISCOVERY DRIVE,  
SWIFTWATER, PA 18370 U.S.A.  
(72)**Name of Inventor :**  
**1)JUNGBLUTH, ANDREAS**  
**2)SCHNEIDER, EBERHARD**  
**3)WAGNER, PETER**

(57) Abstract :

The present invention relates to a peptide having the ability to bind pertussis toxin, the peptide comprising the amino acid sequence MGRGS-HHHHHH-ARS-XXXXXXXXXXXXXXXXXXXXXXXXXXXX-DANAPK-ASAI wherein X is any amino acid. The present invention also relates to a method for purifying pertussis toxin, the method comprising contacting a biological solution comprising pertussis toxin with the claimed peptide to form a complex and isolating the complex.

No. of Pages : 229 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1321/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN INTELLIGENT POWER MIXER FOR USE WITH RENEWABLE ENERGY SOURCE HAVING STORAGE SYSTEMS

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MR. SUDHAKAR GANGANNA</b>
(32) Priority Date	:NA	Address of Applicant :NO. 01, GUNASHEELA LAYOUT,
(33) Name of priority country	:NA	19TH CROSS, 24TH MAIN, JP NAGAR V PHASE,
(86) International Application No	:NA	BANGALORE - 560 078 Karnataka India
Filing Date	:NA	<b>2)MR. YOGESH ULHAS KAMAT MHAMAI</b>
(87) International Publication No	: NA	<b>3)MR. KARTHIK SRINIVASAN</b>
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MR. SUDHAKAR GANGANNA</b>
(62) Divisional to Application Number	:NA	<b>2)MR. YOGESH ULHAS KAMAT MHAMAI</b>
Filing Date	:NA	<b>3)MR. KARTHIK SRINIVASAN</b>

(57) Abstract :

The present invention discloses a device that enables to maximize the usage of an installed renewable energy generating source by the use of locally isolated synchronization with utility grid power. The device comprises of a Power bridge 11 which includes a renewable energy charger and inverter that maximizes the usage of the installed renewable energy. It also incorporates an optional local grid isolator 13. Power Bridge ensures that the batteries are kept charged with a combination of grid and usage of the energy from the grid using the available solar power. This results in increasing the returns from the investment in solar energy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1260/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOW PIN COUNT CONTROLLER

(51) International classification

:G10L

(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 :

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Andhra Pradesh India

(72)Name of Inventor :

**1)KANIGICHERLA, BALAJI**

**2)VOLETI, SIVA RAGHURAM**

**3)LOTTI, RAJANI**

**4)TANDABOINA, KRISHNA MOHAN**

(57) Abstract :

Described herein is a system havirvg a multi-host low pin count (LPC) controller (100) configured to facilitate sharing of common peripheral devices by multiple hosts (115) of a multi-host computing system (110). In one implementation, the multi-host LPC controller (100) interfaces with the hosts (115) via an ON-chip bus or an LPC-IN-chip bus. Further, the multi-host LPC controller (100) includes a LPC-IN controller (160) and a microcontroller (155) to moderate among requests generated by the hosts (115). The requests can be target accesses, DMA accesses, and BM accesses. Also, the multi-host LPC controller (100) is configured to operate in a software mode and an auto mode. Based on the mode the multi-host LPC controller (100) is operating in, the requests generated by the various hosts are moderated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1261/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-HOST SATA CONTROLLER

(51) International classification	:G06F
(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

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**2)TANDABOINA, KRISHNA MOHAN**

**3)VOLETI, SIVA RAGHURAM**

**4)YADAV, KARAMVEER**

(57) Abstract :

Described herein is a system having a multi-host SATA controller (102) configured to provide communication and control between two or more independent host processors (104) and a single SATA device (108). In one implementation, the multi-host SATA controller (102) includes the device switching layer (206), the device control layer (208), the link layer (210), and the physical layer (212). The device switching layer (206) allows the host processors (104) to issue commands concurrently rather than in sequential order. For this, the device switching layer (206) has independent set of host device registers (214) corresponding to each of the host processors (104). The device switching layer (206) also has independent DMA engines (216) to perform a command pre-fetching from respective host system memories (105). Further, a command switch engine (220) may arbitrate commands in case both the host processors (104) wish to access the SATA device (108) simultaneously.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1262/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUDIO CONTROLLER

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INEDA SYSTEMS PVT. LTD</b>
(32) Priority Date	:NA	Address of Applicant :8-2-120/115/C, SUDHA ENCLAVE,
(33) Name of priority country	:NA	ROAD NO.2, BANJARA HILLS, HYDERABAD-500 034,
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KANIGICHERLA, BALAJI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)VOLETI, SIVA RAGHURAM</b>
Filing Date	:NA	<b>3)KOTTA, MANOHAR</b>
(62) Divisional to Application Number	:NA	<b>4)DHULIPALA, MURTHY</b>
Filing Date	:NA	<b>5)KOPPARAPU, SUMAN</b>

(57) Abstract :

Described herein is a multi-host computing system (100) having multiple host processors running different operating systems. In one implementation, a method of playing audio streams received from a plurality of hosts of a multi-host computing system (100), the method comprising receiving a second audio stream from a second host, and changing audio stream parameters associated with the second audio stream from second host to match the corresponding parameter values associated with a first audio stream received from a first host to generate an updated second audio stream. The method further comprises mixing the updated second audio stream with the first audio stream to generate a combined audio stream, and playing the combined audio stream using at least one audio codec (104) of the multi-host computing system (100).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.133/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : OIL SUPPLY DEVICE FOR AN INTERNAL COMBUSTION ENGINE, IN PARTICULAR FOR A CRANKCASE OF AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F01M	(71)Name of Applicant :
(31) Priority Document No	:10 2011	<b>1)MAN TRUCK &amp; BUS AG</b>
(32) Priority Date	008 680.3	Address of Applicant :DACHAUER STR. 667, 80995
(33) Name of priority country	:15/01/2011	MUNCHEN Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)TURK, JENS</b>
(87) International Publication No	: NA	<b>2)ZEMCZAK, FRANCO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ZIMMERMANN, MARK</b>
Filing Date	:NA	<b>4)BOHM, MARTIN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An oil supply device for an internal combustion engine, in particular for a crankcase of an internal combustion engine, having at least one oil reservoir and having at least one delivery device by means of which oil is conducted from the oil reservoir via at least one flow duct to at least one main oil duct of a crankcase of the internal combustion engine, wherein multiple oil filter units are provided in the flow path of the oil from the oil reservoir to the at least one main oil duct, and wherein furthermore a filter switching device is provided by means of which the oil filter units can be selectively connected into the flow path of the oil to the main oil duct such that only one proportion of the oil filter units, as at least one active oil filter unit, is traversed by a flow of the oil, and the other proportion of the oil filter units, as at least one passive oil filter unit, is not traversed by a flow of the oil, characterized in that, in the flow path from the oil reservoir (3) to the oil filter units (11, 17), there is provided a switching unit (7) which, in at least one proportion of those switching positions of the filter switching device (14) in which one proportion of the oil filter units (11, 17) is switched into an active state and another proportion of the oil filter units (11, 17) is switched into a passive state, opens up a first pressurized oil flow path from the oil reservoir (3) to the at least one active oil filter unit (11, 17) and also produces a second drainage flow path between the at least one passive oil filter unit (11, 17) and a drainage duct (20), wherein the drainage duct (20) is assigned a drainage device, in particular an evacuation device (21), by means of which the oil which has accumulated in the region of the at least one passive oil filter unit (11, 17) can be drained, in particular evacuated.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.118/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPROVED PROCESS FOR PREPARING 1-(6-METHYLPYRIDIN-3-YL)-2-[4-(METHYLSULFONYL)PHENYL]ETHANONE, AN INTERMEDIATE OF ETORICOXIB

(51) International classification	:C07D
(31) Priority Document No	:MI2011A000362
(32) Priority Date	:09/03/2011
(33) Name of priority country	:Italy
(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)F.I.S. FABBRICA ITALIANA SINTETICI S.P.A.**  
Address of Applicant :VIALE MILANO, 26, I-36075 ALTE  
DI MONTECCHIO MAGGIORE, VICENZA Italy  
(72)**Name of Inventor :**  
**1)CASTELLIN, ANDREA**  
**2)STABILE, PAOLO**

(57) Abstract :

The present invention relates to a process for preparing 1-(6-methylpyridin-3-yl)-2-[4- (methylsulfonyl)phenyl]ethanone, an intermediate of the synthesis of Etoricoxib. The synthesis of the intermediates useful for such preparation is also described.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.125/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ILLUMINATION SYSTEM FOR SPOT ILLUMINATION

(51) International classification :F21V3/04  
(31) Priority Document No :09162821.4  
(32) Priority Date :16/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052628  
Filing Date :14/06/2010  
(87) 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 :**  
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**2)BOONEKAMP Erik**  
**3)KURT Ralph**  
**4)SPIKES Mark Eduard Johan**

(57) Abstract :

An illumination system (10) for spot illumination comprising a tubular reflector (2) with a reflective inner surface the tubular reflector (2) having an entrance aperture (7) and an exit aperture (8) being larger than the entrance aperture (7); a light-source array (1) comprising a plurality of light-sources (13a c; 30a d 31a d 32a d) arranged to emit light into the tubular reflector (2) at the entrance aperture thereof; and a light-diffusing optical member (9) arranged to diffuse light emitted by the illumination system (10). The light-diffusing member (9) is configured to exhibit an increasing diffusing capability with increasing distance from an optic axis (12) of the illumination system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1251/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING QUINOLINE DERIVATIVE

(51) International classification	:A61K31/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)AUROBINDO PHARMA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038. Andhra Pradesh India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SUKUMAR NANDI</b>
(87) International Publication No	: NA	<b>2)GONA BALANARASIMHA REDDY</b>
(61) Patent of Addition to Application Number	:NA	<b>3)AKKINA NARESH</b>
Filing Date	:NA	<b>4)MEENAKSHISUNDERAM SIVAKUMARAN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel process for preparing Pitavastatin calcium salt of formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1252/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING TIANEPTINE

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)RA CHEM PHARMA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.26 & 27, TIE
(33) Name of priority country	:NA	BALANAGAR, HYDERABAD-500 037. Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)VIJAYA RAJESH KUMAR YELCHURI</b>
(87) International Publication No	: NA	<b>2)MUNIYAPPAN THILEK KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)BALASUBRAMANIAM JAGADISH</b>
Filing Date	:NA	<b>4)SIRISH KUMAR RAVULA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pharmaceutical composition comprising an uncoated immediate release dosage form comprising Tianeptine and its pharmaceutically acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1327/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC VEHICLE

(51) International classification	:B60G	(71)Name of Applicant :
(31) Priority Document No	:2011-081249	<b>1)HONDA MOTOR CO. LTD</b>
(32) Priority Date	:31/03/2011	Address of Applicant :1-1 Minami-Aoyama 2-chome
(33) Name of priority country	:Japan	Minato-ku Tokyo 107-8556 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)NAKASHIMA Masahiro</b>
(87) International 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 :

[Problem to be Solved] To provide an electric vehicle in which weight balance is easily achieved and a drive system such as a motor can be compactly disposed on a wheel. [Solution] An electric vehicle (10) includes an axle (52) that is a hollow cylindrical shaft. A motor shaft (1Ea) is inserted into a hollow portion of the axle (52) substantially coaxially with the axle (52). In this case on one side of a wheel (90) a motor (16) is connected to a base end of the motor shaft (1Ea) extending from one end of the axle (52). Also on the other side of the wheel (90) a reduction mechanism (160) is connected to a leading end of the motor shaft (1Ea) extending from the other end of the axle (52)

No. of Pages : 62 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1328/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTROL METHOD OF ELECTRIC POWER STEERING APPARATUS

(51) International classification	:B62D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-079855	<b>1)HONDA MOTOR CO. LTD</b>
(32) Priority Date	:31/03/2011	Address of Applicant :1-1 Minami-Aoyama 2-chome
(33) Name of priority country	:Japan	Minato-ku Tokyo 107-8556 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KOIBUCHI Hiroyuki</b>
(87) International Publication No	: NA	<b>2)ASANO Kouichi</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MORIKAMI Tomohiro</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is an object to improve an operation feeling of an electric power steering apparatus and a resistance against variation in a power source. [RESOLVING MEASURES] The control unit 10 of the electric power steering apparatus 1 can cope with a phenomenon that a duty ratio-motor current value characteristic varies with variation in an output voltage value of the power source 50. More specifically the F/F duty limit value setting unit 53 estimates a duty ratio at a bending point indicating a region where a feedforward control is performed with an output of the power source 50 measured by the voltage value measuring unit 51. In addition the gain correction value setting unit 54 estimates a correction value of a gain in a feedback control on the basis of the output of the power source 50 to cope with variation in inclination after the bending point.

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1268/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CIRCUIT BREAKER

(51) International classification	:H02K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-237327	<b>1)MITSUBISHI ELECTRIC CORPORATION</b>
(32) Priority Date	:28/10/2011	Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
(33) Name of priority country	:Japan	CHIYODA-KU, TOKYO 100-8310 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HIGAKI, JUNICHI</b>
(87) International Publication No	: NA	<b>2)TAKAHASHI, SUSUMU</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A circuit breaker includes: a movable contact terminal; a power source side fixed contact terminal and a load side fixed contact terminal; a rotor; and a contact pressure spring, which is provided to the rotor, and which is configured to apply the contact pressure to the movable contact terminal wherein the contact pressure spring is configured as a single set of pull springs, in which ends of the one side of two coils are connected to each other at a connecting portion and ends of the other side of the two coils are provided with a hook respectively, wherein respective coil portions of the pull springs is provided on respective sides of an axial direction of a rotating shaft of the movable contact terminal across the opposite face, wherein the hook is directly latched to a rib formed on the rotor so that the contact pressure is applied.

No. of Pages : 27 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1268/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A DOUBLE-LAYERED FOAMING PELLET

(51) International classification :B29C44/04  
(31) Priority Document No :2003-389941  
(32) Priority Date :17/10/2003  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP04/15228  
Filing Date :15/10/2004  
(87) International Publication No :WO/2005/037518  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :1710/CHENP/2006  
Filed on :15/10/2004

(71)Name of Applicant :

**1)SHIINA KASEI CO.**

Address of Applicant :11-9, OKANO 2-CHOME, NISHIKU, YOKOHAMA-SHI, KANAGAWA 220-0073 Japan

(72)Name of Inventor :

**1)SEKIGUCHI, HIDEO**

**2)SHIINA, NAONORI**

**3)NAKANO, SUSUMU**

**4)KITAICHI, AKIRA**

**5)HORIE, TOSHIO**

**6)MIYAIRI, HIROO**

(57) Abstract :

The present invention relates to a double-layered foaming pellet comprising a rod of polyolefin and a plastic covering wherein the rod of polyolefin is cross-linkable and foamable, the double-layered foaming pellet is suitable for producing a foam composite having a skin and foamed bodies covered with reinforcing members which connect to each other in three dimensions, the rod of polyolefin is covered in a whole surface with the plastic covering, both edges of the double-layered foaming pellet are compressed and cut, a center of the double-layered foaming pellet is bulged and the edges of the double-layered foaming pellet are flattened, when the double-layered foaming pellet is seen from a side, the double-layered foaming pellet has a length of from 3 to 15 mm, the center of the rod of polyolefin has a diameter of from 2 to 10 mm, the plastic covering, at the center of the rod of polyolefin, has a thickness of from 0.5 to 5 mm, and the edges have a thickness of 0.3 mm or more.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.127/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CHARGING APPARATUS AND OPERATING TOOL

(51) International classification	:H02J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-007005	<b>1)KABUSHI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:17/01/2011	Address of Applicant :2-1, KUROSAI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KAZUO OKABAYASHI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)YASUJI FUKUDA</b>
Filing Date	:NA	<b>3)KENGO NAGAMITSU</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A charging apparatus holding an added value besides a charging function is provided. The charging apparatus 10 for charging electric power supplied from a power source to a charging target includes an operating tool 50 configured to operate charging to the charging target. The operating tool 50 includes: a region A indicating a step of connecting a connector, which is to be connected to the charging target, to the charging target; a region B indicating a step of operating a start switch to start charging to the charging target; a region C indicating a charged state of the charging target; and a region D indicating a step of removing the connector from the charging target. These regions are arranged along a first direction.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1341/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : SAW-TOOTH CLOTHING

(51) International classification

:D01G  
15/00

(31) Priority Document No

:00632/11

(32) Priority Date

:08/04/2011

(33) Name of priority country

:Switzerland

(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)GRAF+CIE AG**

Address of Applicant :BILDAUSTRASSE 6, CH-8640,  
RAPPERSWIL Switzerland

(72)Name of Inventor :

**1)ITEN, JOSEF**

**2)HASLER, FELIX**

**3)PAVLOU, NIKOLAOS**

(57) Abstract :

The invention relates to a saw-tooth clothing for rollers of a carding machine or a carder. The saw-tooth clothing has a multiplicity of successively arranged teeth, wherein each tooth has a tooth front and a tooth back and a tooth tip. The tooth backs of the teeth have in each case a certain distance from the tooth front of the in each case following tooth and form a tooth space which extends from a tooth root to the tooth tips. Between the tooth tips and the tooth root, the teeth have in each case on their tooth back and on their tooth front at least one embossment which reduces the distance between the tooth back of the teeth and the tooth front of the in each case following tooth.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1125/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BANANA FIBER PROCESSING MACHINE AND ITS OPERATION METHOD

(51) International classification

:A23N

(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)MURUGESAN**

Address of Applicant :ROPE PRODUCTION CENTRE,  
3/43, MAIN ROAD, MELLAKKAL, MADURAI - 625 234  
Tamil Nadu India

(72)**Name of Inventor :**

**1)MURUGESAN**

(57) Abstract :

The present invention discloses a Banana fiber processing machine and its operation method. The said machine has a surface which is provided with a number of sharp pointed projection(s) on at least one of its edges. Said pointed projection(s) are provided of predetermined dimension and at predetermined distance. The sharp pointed projections(s) are implemented as serrations in the present invention. The number of serrations (11) ranges between 16-20 serrations. The said serrations are of the dimensions 2X1.5 cm. The serrations are used to separate fiber from Banana sheath in an efficient and non-cumbersome manner. The machine used in the present invention is an automated mechanical tool. The operation method of the said processing machine involves striking the extracted sheath for processing against the surface of automated mechanical tool. It is processed by passing it through the serrations to extract fiber which is converted into ropes, handbags, doormats and the like.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1336/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWER MANAGEMENT IN MULTI HOST COMPUTING SYSTEMS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INEDA SYSTEMS PVT. LTD</b>
(32) Priority Date	:NA	Address of Applicant :8-2-120/115/C, SUDHA ENCLAVE,
(33) Name of priority country	:NA	ROAD NO. 2, BANJARA HILLS, HYDERABAD - 500 034
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)KANIGICHERLA, BALAJI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)VOLETI, SIVA RAGHURAM</b>
Filing Date	:NA	<b>3)GUTTA, SRINIVASA</b>
(62) Divisional to Application Number	:NA	<b>4)DOMMETI, SURYA NARAYANA</b>
Filing Date	:NA	<b>5)ANNAPUREDDY, NARSI REDDY</b>
		<b>6)ANNAPURNA, SARADA</b>
		<b>7)TANDABOINA, KRISHNA MOHAN</b>

(57) Abstract :

The present subject matter discloses methods and systems of power management in multiple host computing system (100) running multiple operating systems. In one embodiment, a multi host platform management module (126) facilitates power management in multi host computing system (100). In said implementation, the multi host platform management module (126) includes an arbitration and interpreter module (128) to intercept and arbitrate power management commands issued by any of the hosts of the multi host computing system (100).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1337/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROCESSING CONTENT WRITTEN IN AN APPLICATION FORM USING AN E-PEN

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Jeswill Hitech Solutions Pvt. Ltd.</b>
(32) Priority Date	:NA	Address of Applicant :3524/1 2nd Floor Service Road
(33) Name of priority country	:NA	HAL 2nd stage Indiranagar Bangalore 560008 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Parthasarathy Srinivasa Moorthy</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Pailla Balakrishna Reddy</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and apparatus for processing content written in an application form, according to one embodiment. In one embodiment, stroke data corresponding to content written in fields of an application form is obtained from an e-pen. Then, words corresponding to the written content are extracted from the stroke data and confidence value is assigned to each of the words with respect to each of fields in the template application form. Each of the words corresponding to the written content is mapped to one of the fields in the template application form based on the confidence value assigned to each of the words. Moreover, a tag is assigned to each of the words indicating a mapping between each of the words and one of the fields, and the words along with the assigned tags are stored in the storage unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1338/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM FOR COLLECTING AND RECOVERING SPOOLING SCRAPS

(51) International classification	:B65H 3/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:MI2011A	<b>1)SAVIO MACCHINE TESSILI S.P.A.</b>
	000585	Address of Applicant :VIA UDINE 105, PORDENONE
(32) Priority Date	:08/04/2011	Italy
(33) Name of priority country	:Italy	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)BADIALI, ROBERTO</b>
Filing Date	:NA	<b>2)CEOLIN, MAURO</b>
(87) International Publication No	: NA	<b>3)COLOMBEROTTO, GIORGIO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Device for collecting the scraps produced by a spooler both for dust removal and for the pieces of yarn, wherein the spooling units are served by single aspirators that individually equip each spooling unit, and are each equipped with a separating filter for the dust and for the pieces of yarn, which collects both materials. All of the filters are connected through a common duct to a common suctioning filter for collecting the spooling scraps that, periodically treating an individual filter at a time, discharges and receives without selection the material retained by such individual filters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1129/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR DETERMINING AT LEAST ONE ELECTROMAGNETIC QUANTITY

(51) International classification :A61B5/05  
(31) Priority Document No :09167496.0  
(32) Priority Date :07/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053497  
Filing Date :02/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)Name of Inventor :  
**1)VERNICKEL Peter**  
**2)KATSCHER Ulrich**  
**3)GLEICH Bernhard**  
**4)RAHMER Jurgen Erwin**

(57) Abstract :

The present invention relates to an apparatus (100) for determining at least one electromagnetic quantity characterizing an electromagnetic property of an object, in particular a human body, wherein said object contains magnetic particles. The apparatus (100) applying the known principle of Magnetic Particle Imaging (MPI) comprises selection means for generating a magnetic selection field (50) having the known field pattern showing a field free point (FFP), drive means for changing the position in space of the FFP by means of a magnetic drive field, receiving means for acquiring detection signals depending on the magnetization of the magnetic particles within a field of view (28) and a reconstruction unit (152) for reconstructing a particle distribution quantity depending on the detection signals. The apparatus (100) further comprises a control unit (150) for controlling the receiving means for acquiring a first set of detection signals corresponding to a first drive field frequency and a second set of detection signals corresponding to a second drive field frequency, with both drive field frequencies differing from each other. The control unit (15) further controls the reconstruction unit (152) for reconstructing a first particle distribution quantity depending on the first set of detection signals and a second particle distribution quantity depending on the second set of detection signals. The apparatus (100) further comprises a determination unit (160) for determining the electromagnetic quantity depending on the first and second particle distribution quantity. The present invention further relates to a corresponding method as well as to a computer program.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1130/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HONEYCOMB UNIT FOR EXHAUST EMISSION CONTROL

(51) International classification	:F01N	(71)Name of Applicant :
(31) Priority Document No	:2011-079744	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:31/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	<b>2)GOSHI GIKEN CO., LTD.</b>
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)HORIMURA, HIROYUKI</b>
(87) International Publication No	: NA	<b>2)KAWAGUCHI, DAIJI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SUWA, SATORU</b>
Filing Date	:NA	<b>4)IWANE, KATSUHIRO</b>
(62) Divisional to Application Number	:NA	<b>5)KOZAIKU, TAKAFUMI</b>
Filing Date	:NA	

(57) Abstract :

A metal honeycomb structure (II) includes planar and corrugated sheets (15, 16) brazed together at first and second joining portions (17A, 17B) made of brazing materials applied to the corrugated sheet (16). The first and second joining portions (17A, 17B) are located proximate exhaust inlet and outlet (21, 22) of the honeycomb structure (II). The honeycomb further includes a joining strip (18) joined to a metal outer tube (12). The joining strip (18) is made of a brazing material (25) applied to an inner wall of the metal outer tube (12). The second joining portion (17B) overlaps the joining strip (18) and has a brazing length larger than a brazing length of the first joining portion (17A) which does not overlap the joining strip (18).

No. of Pages : 36 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1274/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF RIVASTIGMINE

(51) International classification

:C07C

(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)MYLAN LABORATORIES LIMITED**

Address of Applicant :R&D CENTER,PLOT.NO:34A,  
ANRICH INDUSTRIAL ESTATE,  
BOLLARAM(PT),JINNARAM(MD),  
MEDAK(DT),HYDERABAD,A.P-502 325 India

(72)Name of Inventor :

**1)SETHI, MADHURESH KUMAR**

**2)BHANDYA, SOMASHEKAR RUDRAPPA**

**3)MADDUR, NAGARAJ**

**4)SHUKLA, ROHIT**

**5)ANISH KUMAR**

**6)POTLURI, SUSHMITHA**

**7)V S N JAYALAKSHMI**

(57) Abstract :

The present invention related to a novel biocatalytic process for the preparation of (S) C1-C4 carboxylic acid, 1-(3-methoxy-phenyl)-ethyl ester of formula (II) and its further conversion into (S)-Rivastigmine or pharmaceutically acceptable salts thereof

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1342/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-SPECTRAL IMAGING

(51) International classification :G01G3/28  
(31) Priority Document No :09167624.7  
(32) Priority Date :11/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053602  
Filing Date :10/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)VLUTTERS Ruud**  
**2)MULJS Remco Theodorus Johannes**  
**3)SCHMEITZ Harold Agnes Wilhelmus**

(57) Abstract :

A multi-spectral camera comprises a blocking element (201) having at least one hole (203) allowing light to pass through. A dispersive element (205) spreads light from the at least one hole (203) in different wavelength dependent directions and a lens (207) focuses light from the dispersive element (205) on an image plane (209). A microlens array (211) receives light from the lens (207) and an image sensor (213) receives the light from the microlens array (211) and generates a pixel value signal which comprises incident light values for the pixels of the image sensor (213). A processor then generates a multi-spectral image from the pixel value signal. The approach may allow a single instantaneous sensor measurement to provide a multi-spectral image comprising at least one spatial dimension and one spectral dimension. The multi-spectral image may be generated by post-processing of the sensor output and no physical filtering or moving parts are necessary.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1271/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED OPENING AND CLEANING APPARATUS FOR TEXTILE FIBRES

(51) International classification	:D01G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)LAKSHMI MACHINE WORKS LTD.</b>
(32) Priority Date	:NA	Address of Applicant :PERIANAICKENPALAYAM,
(33) Name of priority country	:NA	COIMBATORE 641 020 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NARAYANASWAMY KRISHNAKUMAR</b>
(87) International Publication No	: NA	<b>2)GOVINDHARAJULU MANI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RAMASAMY DAKSHINAMOORTHY</b>
Filing Date	:NA	<b>4)SULUR ANGANNAN SARAVANAKUMAR</b>
(62) Divisional to Application Number	:NA	<b>5)RAJAGOPAL SAMBATHKUMAR</b>
Filing Date	:NA	

(57) Abstract :

According to the present invention, the improved opening and cleaning apparatus comprises one coarse opener and one fine opener in a single machine unit. Said coarse opener is provided with coarse opening roller and the fine opener is provided with fine opening roller. Coarse opener removes the heavy/coarse impurities from cotton fibre tufts and delivers coarse tufts. Whereas the fine opener removes the light/fine impurities from cotton and delivers fine tufts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1271/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND COMPUTER-READABLE STORAGE MEDIUM

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:2011084128	<b>1)SONY CORPORATION</b>
(32) Priority Date	:06/04/2011	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(33) Name of priority country	:Japan	TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SELJI SUZUKI</b>
(87) International Publication No	: NA	<b>2)TAKURO NODA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)IKUO YAMANO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is provided for issuing a command for executing a process according to a selected input. The method comprises receiving input data corresponding to operating member inputs from a plurality of input units. The method further comprises selecting one of the inputs based on priorities assigned to the input units. The method also comprises issuing a command for executing a process according to the selected input.

No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1272/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIFT AXLE CONTROL VALVE FOR A MOTOR VEHICLE

(51) International classification	:B60G	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)WABCO-TVS (INDIA) LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :BRAKES DIVISION: PLANT L,
(33) Name of priority country	:NA	PLOT NO.3, (SP), THIRD MAIN ROAD, INDUSTRIAL
(86) International Application No	:NA	ESTATE, AMBATTUR CHENNAI 600 058 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SUNDARAMAHALINGAM SELVAMANI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)NARAYANAN SREENIVASAN</b>
Filing Date	:NA	<b>3)ARUMUGHAM GANESAMOORTHY</b>
(62) Divisional to Application Number	:NA	<b>4)SAHUL HAMEED THAMEESDEEN</b>
Filing Date	:NA	<b>5)VEERAMUTHU BABU</b>

(57) Abstract :

Lift axle control valve for a motor vehicle wherein the Spool valve and pressure differential valve are integrated into a single body, receiving the relay, two solenoid valve and damping reservoir with a multilayer construction, the layers being flat bodies with cavities and passages, such that the layers permit flexibility in connecting the air passages between the relay valve, spool valve and Solenoid valves.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1272/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, AND COMPUTER-READABLE STORAGE MEDIUM

(51) International classification	:G06F
(31) Priority Document No	:2011084127
(32) Priority Date	:06/04/2011
(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

(71)**Name of Applicant :**  
**1)SONY CORPORATION**  
Address of Applicant :1-7-1 KONAN, MINATO-KU,  
TOKYO Japan  
(72)**Name of Inventor :**  
**1)SELJI SUZUKI**  
**2)TAKURO NODA**  
**3)IKUO YAMANO**

(57) Abstract :

A method is provided for generating a command for executing a process according to analyzed input data. The method comprises calculating a movement speed of a plurality of operating members based on input data corresponding to input operations of the operating members. The method further comprises analyzing the input data based on the movement speed. The method also comprises generating a command for executing a process according to the analyzed input data.

No. of Pages : 61 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1346/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SECURE DIGITAL HOST CONTROLLER VIRTUALIZATION

(51) International classification :G06F  
(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)INEDA SYSTEMS PVT. LTD**

Address of Applicant :8-2-120/115/C, SUDHA ENCLAVE,  
ROAD NO.2, BANJARA HILLS, HYDERABAD - 500 034  
Andhra Pradesh India

(72)**Name of Inventor :**

**1)KANIGICHERLA, BALAJI**

**2)VOLETI, SIVA RAGHURAM**

**3)PASUMARTHY, DHANUMJAI**

(57) Abstract :

Described herein are methods and system for virtualization of the secure digital (SD) host controller to enable sharing a SD device among various multiple host processors in a multi-processor computing system. In one implementation the method of sharing a SD device amongst a plurality of hosts of a multi-host computing system comprises detecting the SD device on occurrence of a reset event, receiving an enumeration request, from at least a first host and a second host of the plurality of hosts, to enumerate the SD device with respect to the second host, enumerating the SD device with respect to the second host, and initiating data exchange between the SD device and each of the plurality of hosts.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1346/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING AN IMAGE FOR DISPLAY

(51) International classification :G06T3/40  
(31) Priority Document No :09167596.7  
(32) Priority Date :11/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053625  
Filing Date :11/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)FONSECA Pedro**  
**2)PETERS Marc Andre**

(57) Abstract :

At least one region of interest within an image is determined step 201. The image is resized to a target image size step 207. If at least one region of interest is determined the image is cropped to each of the at least one region of interest step 205 and the cropped at least one region of interest is resized to the target image size. The resized image and the resized cropped at least one region of interest are stored for display step 209

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1207/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DRINKING WATER SUPPLY SYSTEM

(51) International classification	:C02F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-082362	<b>1)HITACHI PLANT TECHNOLOGIES</b>
(32) Priority Date	:04/04/2011	Address of Applicant :5-2, HIGASHI-IKEBUKURO 4-
(33) Name of priority country	:Japan	CHOME, TOSHIMA-KU, TOKYO 170-8466 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)TSUYOSHI TAKAMORI</b>
(87) International Publication No	: NA	<b>2)NAOKI OHKUMA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NAOKI ABE</b>
Filing Date	:NA	<b>4)YINENG GU</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A drinking water supply system (S) supplies drinking water prepared from water. The drinking water supply system (S) includes a water purification device (Sa) that purifies the water and includes at least one of an NF membrane (7a) and a UF membrane (7b) that filter the water.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.128/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ENCODING A SIGNAL INTO A SCALABLE BITSTREAM AND DECODING SUCH BITSTREAM

(51) International classification :H04N7/26  
(31) Priority Document No :09162838.8  
(32) Priority Date :16/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052540  
Filing Date :08/06/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)VAN DER VLEUTEN Renatus Josephus**  
**2)DRIESEN Bas**

(57) Abstract :

The invention relates to a bit-plane coding method of signals for example an image or video signal in the DCT transform domain. The bit planes of the DCT blocks are transmitted bit-plane by bit-plane in order of significance. As each plane contains more signal energy than the lower significant layers together the resulting bitstream is scalable in the sense that it may be truncated at any position. The later the bitstream is truncated the smaller the residual error when the image is reconstructed. For each bit plane a zone or partition of bit plane is created that encompasses all the non-zero bits of the DCT coefficients in that bit plane.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : TEMPERATURE ADAPTED SOLID OXIDE FUEL CELL SYSTEM

(51) International classification	:H02M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:PA 2011	<b>1)TOPSOE FUEL CELL A/S</b>
(32) Priority Date	00256	Address of Applicant :NYMOLLEVEJ 66, DK-2800 KGS.
(33) Name of priority country	:04/04/2011	LYNGBY Denmark
(86) International Application No	:Denmark	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KRESTEN JUUL NIKOLAJ LAUT JENSEN</b>
(87) International Publication No	:NA	<b>2)JENS ULRIK NIELSEN</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solid oxide fuel cell system is adapted to operate with high electric efficiency en a wide temperature interval by sections adapted to operate optimal at different temperature intervals, the sections are either integrated in each fuel cell or separated in separate fuel cells and fuel cell stacks.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SENSOR HOUSING AND LATCHING MECHANISM FOR SENSOR HOUSING

(51) International classification	:F16L
(31) Priority Document No	:61/470,838
(32) Priority Date	:01/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)TI GROUP AUTOMOTIVE SYSTEMS, LLC**  
Address of Applicant :1272 DORIS RD., AUBURN HILLS,  
MICHIGAN-48326 U.S.A.  
(72)**Name of Inventor :**  
**1)KERIN, JIM**  
**2)PEPE, RICHARD, M.**  
**3)GUNDERSON, STEPHEN, H.**

(57) Abstract :

A removable sensor housing for connection to a structure in a fluid system such as a quick connector body. The sensor housing removably attaches to a mating portion on the other structure. It includes a shaft inserted in a bore on the other structure with an interposed seal. An attachment mechanism is used to secure the sensor housing to the structure. Alternative mechanisms are disclosed. In certain forms, the sensor housing is configured to be positioned in fixed relation to the other structure.

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1350/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE COMPRISING A SOURCE FOR EMITTING ULTRAVIOLET LIGHT

(51) International classification	:C02F1/32	(71)Name of Applicant :
(31) Priority Document No	:09167768.2	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:13/08/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053650	(72)Name of Inventor :
Filing Date	:12/08/2010	<b>1)DUINEVELD Paulus Cornelis</b>
(87) International Publication No	: NA	<b>2)MONDT Eva</b>
(61) Patent of Addition to Application Number	:NA	<b>3)TAEKEMA Harko Jan</b>
Filing Date	:NA	<b>4)WIJMA Willem Sjouke</b>
(62) Divisional to Application Number	:NA	<b>5)PASTOORS Marc Alexander</b>
Filing Date	:NA	<b>6)BRUGGINK Wilhelmus Hendrikus Maria</b>

(57) Abstract :

A device (1) comprises a source (20) for emitting ultraviolet light, an inlet (30) for letting in fluid to the device (1), an outlet (40) for letting out fluid from the device (1), and means (51, 52) for performing a straightening action of a flow of fluid through the device (1). The flow straightening means comprise at least one flow straightening element (51, 52) having inlet openings for letting in fluid at one side and outlet openings for letting out fluid at another side, wherein each inlet opening is in communication with a plurality of outlet openings, and wherein the element (51, 52) comprises a maze of randomly arranged, interconnected holes. In such a structure, a water element that is moving from one side of the element (51, 52) to another side may take one of various paths, as a result of which variations in inlet conditions can be dampened.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1351/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE COMPRISING MEANS FOR GUIDING FLUID FROM AN INLET TO AN OUTLET

(51) International classification :C02F1/32  
(31) Priority Document No :09167767.4  
(32) Priority Date :13/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053514  
Filing Date :03/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)MONDT Eva**  
**2)DUINEVELD Paulus Cornelis**

(57) Abstract :

A device comprises a housing (10) having an interior space (11) for containing fluid an inlet for letting in fluid to the housing (10) an outlet for letting out fluid from the housing (10) an element (20) which is arranged inside the housing (10) and means (31 32) which are arranged in the housing (10) as well and which serve for guiding the fluid from the inlet side of the housing (10) to the outlet side of the housing (10) around the element (20). The fluid guiding means comprise two zigzag-shaped components (31 32) extending along at least a portion of the element (20) and as a combination providing complete coverage of the element (20) in a circumferential direction i.e. a direction around the element (20) wherein the zigzag-shaped components (31 32) partly overlap in the circumferential direction.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1144/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DECENTRALIZED TREATMENT SYSTEM

(51) International classification	:C02F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)PRAVINJITH.K.P</b>
(32) Priority Date	:NA	Address of Applicant :G1, LUMBINI APARTMENTS, 32,
(33) Name of priority country	:NA	VENKATAPURA MAIN ROAD, KORAMANGALA 1ST
(86) International Application No	:NA	BLOCK, BANGALORE 560 034. Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)PRAVINJITH.K.P</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention describes an innovative method of wastewater recycling by a Decentralised Treatment System, which is based on the construction of Modules and a specific method comprising of a primary, secondary and tertiary on reactors and by using biological methods to purify and reuse domestic wastewater, which would otherwise be wasted. Such an invention is effective based on its effective arrangement and construction method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1144/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC THREE-WHEELED VEHICLE

(51) International classification	:B60K	(71)Name of Applicant :
(31) Priority Document No	:2011-080329	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:31/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)MIMURA, MASAHIDE</b>
Filing Date	:NA	<b>2)NABEYA, SHIN</b>
(87) International Publication No	: NA	<b>3)NIIZUMA, KEIICHIRO</b>
(61) Patent of Addition to Application Number	:NA	<b>4)SUZUKI, HITOSHI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Object] To provide an electric three-wheeled vehicle in which the axial arrangement of a drive system is specially designed to reduce the size of a power unit. [Constitution] In an electric three-wheeled vehicle 1 in which a rear body 30 including a motor M as a source of power and a pair of left and right rear wheels WR is attached at the back of a body frame 2, the rotary driving power of the motor M is transmitted from a motor output shaft 36 to axles 40 of the rear wheels WR through a counter shaft 38. A centrifugal clutch 80 which transmits the rotary driving power to the counter shaft 38 when the revolution speed of the motor M exceeds a prescribed value is coaxially located at one end of the motor output shaft 36. The counter shaft 38 is located inside the outside diameter of the motor M in a side view of the vehicle. The motor output shaft 36, counter shaft 38, and axles 40 are arranged from a vehicle forward side in the order of mention. The axis center 38a of the counter shaft 38 is located below a line L connecting the axis center 36a of the motor output shaft 36 and the axis center 40a of the axle 40 in a side view of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1283/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MECHANISED MULTILEVEL PARKING UNITS FOR TWO AND THREE WHEELERS

(51) International classification	:E04H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)H. RAJA SIMHA</b>
(32) Priority Date	:NA	Address of Applicant :61, ITI LAYOUT, NEW BEL
(33) Name of priority country	:NA	ROAD, BANGALORE 560 054 Karnataka India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)H. RAJA SIMHA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multi level elevated two wheeler parking system comprises a parking tower or lot erected with plurality of slots for parking the two wheeler, and the parking lot executed on a stand alone mode in vacant land or over footpath has multilevel metallic structures formed such that there will not be any hindrance or obstacle for the foot path users and parking slots situated one over the other and/or besides the other. A cage for adapting the two wheeled vehicle is provided. The cage includes jammers and buggers for rigid and safe holding of the two wheeled vehicle inside the cage. A launcher for lifting and positioning of the two wheeler to an available parking position, wherein the launcher load the two wheeler to park within a storage facility and retrieves by unloading the two wheeler from the storage facility in the parking lot. A control system is provided for controlling the process of loading and unloading of the two wheelers to and from the parking lot.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1357/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED FEMALE CONDOM AND PROCESS OF MANUFACTURING THE SAME USING NATURAL RUBBER LATEX

(51) International classification	:C08C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)HLL LIFECARE LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :LATEX BHAVAN POOJAPURA
(33) Name of priority country	:NA	THIRUVANANTHAPURAM - 695 012 Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MRS. RESMY RACHEL THOMAS</b>
(87) International Publication No	: NA	<b>2)MRS. SUJA B</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MRS. NISHA U</b>
Filing Date	:NA	<b>4)MRS. PREETHALEKSHMI A.P</b>
(62) Divisional to Application Number	:NA	<b>5)DR. ABI SANTHOSH APREM</b>
Filing Date	:NA	

(57) Abstract :

The invention provides a new and an improved female condom product and a method for manufacturing the same. The female condom product assembly includes a tubular sheath, an exterior bead and a retention device. The tubular sheath is manufactured by dipping process and an exterior bead is formed by rolling the tubular sheath itself. The bead has sufficient thickness such that it will not unroll. The ring shaped retention device is prepared by foaming process using foaming agents or by moulding process. The female condom is made from natural latex so that it is soft and very comfortable to use. It has highly elastic modules and good storage stability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1095/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MODIFIED PROPYLENE POLYMER

(51) International classification	:C08L
(31) Priority Document No	:2011-067569
(32) Priority Date	:25/03/2011
(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

(71)**Name of Applicant :**  
**1)SUMITOMO CHEMICAL COMPANY, LIMITED**  
Address of Applicant :27-1, SHINKAWA 2-CHOME,  
CHUO-KU, TOKYO 104-8260 Japan  
(72)**Name of Inventor :**  
**1)NAKAJIMA, HIROYOSHI**  
**2)SHIMANO, MITSUYKOSHI**

(57) Abstract :

Disclosed is a modified propylene polymer excellent in the balance between melt tension and flowability, the modified propylene polymer being obtainable by reacting 100 parts by weight of a propylene polymers (A) , from 0 .1 to 50 parts by weight of an ethylenically unsaturated bond-containing compounds (B) , and from 0.01 to 20 parts by weight of an organic peroxide (C) , wherein a melt flow rate measured at 230°C under a load of 2.16 kg and a melt tension measured at 190°C satisfy the following formula (1):

No. of Pages : 38 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1096/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF FLATNESS CONTROL OF A STRIP AND A CONTROL SYSTEM THEREFOR

(51) International classification	:B21B
(31) Priority Document No	:11160050.8
(32) Priority Date	:28/03/2011
(33) Name of priority country	:EPO
(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)ABB RESEARCH LTD.**  
Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland  
(72)**Name of Inventor :**  
**1)HOLM, MARKUS**  
**2)MODEN PER-ERIK**

(57) Abstract :

The present invention relates to a method of providing flatness control for rolling a strip in a mill comprising a plurality of rolls controllable by means of actuators. The method comprises the steps of: receiving (S1) flatness measurement data pertaining to a flatness of the strip; determining (S2) a flatness error as a difference between a reference flatness of the strip and the flatness measurement data; determining (S3) an adjusted flatness error based on the flatness error and weights for actuator position combinations which provide a flatness effect below a threshold value; and utilizing (S4) the adjusted flatness error for the control units to control the actuators to thereby control the flatness of the strip. A computer program product and a control system for carrying out the above method are also presented herein.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1225/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HYDRAULIC ACTUATOR WITH AUTOMATIC PURGING AT THE END OF ITS STROKE

(51) International classification	:F15B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 52770	<b>1)MESSIER-BUGATTI-DOWTY</b>
(32) Priority Date	:31/03/2011	Address of Applicant :INOVEL PARC SUD, 78140
(33) Name of priority country	:France	VELIZY VILLACOUBLAY France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JUBERT, XAVIER</b>
(87) International Publication No	: NA	<b>2)DUFAY, LUDOVIC</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ERNIS, SEBASTIEN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a hydraulic actuator comprising a hollow body (1, 3) defining a cylindrical cavity and a rod (5) which is mounted so as to be able to slide within the body along a sliding axis between two end positions and which is integral with a piston sliding in a sealed manner within the cylindrical cavity of the body in order to define two chambers (C1, C2) therein. According to the invention, the rod defines an interior passage connecting the two chambers, this passage being equipped with a valve (2 0) comprising a shut-off member (21) which is returned towards a seat (22) and which engages with the latter to close the passage, the rod receiving a push member (15, 2 6) which can move relative to the rod between a position in which it is moved apart from the shut-off member (21) of the valve and a position in which it forces the shut-off member to open, the push member being constrained in the latter position when the rod reaches the end of its stroke in one of its end positions as a result of the push member engaging with a portion (3) of the hollow body.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1303/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF TOLVAPTAN

(51) International classification	:C07D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MATRIX LABORATORIES LTD</b>
(32) Priority Date	:NA	Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM
(33) Name of priority country	:NA	TOWERS, ALEXANDER ROAD, SECUNDERABAD - 500
(86) International Application No	:NA	003 Andhra Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SETHI, MADHURESH KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RAWAT, VIJENDRASINGH</b>
Filing Date	:NA	<b>3)THIRUNAVUKARASU, JAYAPRAKASH</b>
(62) Divisional to Application Number	:NA	<b>4)YERRAMALA, RAJA KRISHNA</b>
Filing Date	:NA	<b>5)ANISH KUMAR</b>

(57) Abstract :

The present invention relates to an improved process for the preparation of Tolvaptan. The present invention further relates to a process for the preparation of Tolvaptan by using Keto protected intermediate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1377/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A STEERING SYSTEM

(51) International classification	:B62D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)BAJAJ AUTO LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NEW NO. 6, OLD NO. 157, II
(33) Name of priority country	:NA	FLOOR, HABIBULLAH ROAD, T. NAGAR, CHENNAI - 600
(86) International Application No	:NA	017 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)UPADHYAY PRASHANT PREMNATH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SHARAN ADITYA ARUN</b>
Filing Date	:NA	<b>3)PITALE ROHIT SANJAY</b>
(62) Divisional to Application Number	:NA	<b>4)GUPTA GAURAV ARUN</b>
Filing Date	:NA	

(57) Abstract :

A steering system (10) of centre take off type comprises a steering rack (2,5) including a rack portion (2) provided with a plurality of teeth and a rack tube (5). A plurality of ball joints (7) comprising ball pins (3) is provided for connecting the steering rack (2,5) to tie rods (4) of the steering system (10). Both the rack portion (2) and rack tube (5) are connected together through at least one module (6), comprising the inner ball joints (7), this module (6) being located - in the steering system (10) - proximate to a vehicle longitudinal centre plane in vehicle straight ahead condition based on suspension and steering kinematic characteristics. The module (6) allows easier assembly of the steering system (10) with the pivot points of the ball joints (7), the steering rack portion (2) and rack tube (5) being located along a common transverse axis.

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

(54) Title of the invention : VALVE CONTROL VALVE CIRCUIT FOR OPERATING A SINGLE ACTING HYDRAULIC CYLINDER

(51) International classification	:F15B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/006123	<b>1)HUSCO INTERNATIONAL, INC.</b>
(32) Priority Date	:13/01/2011	Address of Applicant :2239 PEWAUKEE ROAD,
(33) Name of priority country	:U.S.A.	WAUKESHA WI 53187 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)GREENWOOD, JASON</b>
(87) International Publication No	: NA	<b>2)RADES, MATTHEW J.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SCHEDGICK, DAVID J.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for operating a single acting hydraulic cylinder includes a directional valve that has one extreme position in which a workport is connected to a tank return conduit, another extreme position where the workport is connected to a pump supply conduit, and a closed intermediate a position where the workport is disconnected from both the pump and the tank. The directional valve is pilot operated and is biased toward the one extreme position by a spring. An electrically operated primary applies pilot pressure to the directional valve alternately from the pump supply conduit and the tank return conduit. A pilot operated check valve has a first state which restricts fluid flow only from the workport toward the chamber and a second state in which fluid can flows from the chamber to the workport. The system has a pressure compensation that also provides self priming of the directional valve.

No. of Pages : 33 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1237/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MOBILE SCALDING TANK FOR SCALDING BRIDS

(51) International classification

:A22C

(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)TAMILNADU VETERINARY AND ANIMAL**

**SCIENCES UNIVERSITY**

Address of Applicant :MADHAVARAM MILK COLONY,  
MADHAVARAM, CHENNAI - 600 051 Tamil Nadu India

(72)Name of Inventor :

**1)ROBINSON JJ ABRAHAM**

**2)R. NARENDRA BABU**

**3)V. APPA RAO**

(57) Abstract :

This invention relates to a mobile scalding tank for scalding birds comprising of a double jacketed tank with a heating element and temperature regulator. The tank is advantageous over circular scalding tanks that, it is effective in heating the water maintaining temperature of scalding water for hygienic defeathering of birds. The scalding tank maintains the temperature very well and water can be changed frequently. So that, cleanliness of water can be maintained to produce wholesome chicken carcass by eliminating most of the pathogens.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1238/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL EXPRESSION AND SECRETION VECTOR SYSTEMS FOR HETEROLOGOUS PROTEIN PRODUCTION IN ESCHERICHIA COLI

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)ANTHEM BIOSCIENCES PVT LTD</b>
(32) Priority Date	:NA	Address of Applicant :#49, CANARA BANK ROAD,
(33) Name of priority country	:NA	BOMMASANDRA INDUSTRIAL AREA PHASE I
(86) International Application No	:NA	BOMMASANDRA, HOSUR ROAD, BANGALORE - 560 099
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)NAIR AYYAPPAN</b>
Filing Date	:NA	<b>2)SUKUMARAN SUNIL KUMAR</b>
(62) Divisional to Application Number	:NA	<b>3)SAMANT SHALAKA</b>
Filing Date	:NA	<b>4)GUPTA GUNJA</b>
		<b>5)PICHAIMUTHU SUTHAKARAN</b>
		<b>6)SAMBASIVAM GANESH</b>

(57) Abstract :

The present invention relates to a recombinant DNA expression/secretion system in E. coli wherein the said system combines the potential of signal peptide-based translocation of recombinant proteins to the periplasmic space of E. coli with membrane defective mutants of E. coli to further aid secretion into the extracellular space. The present invention further relates to the expression system which furthermore includes a helper plasmid to drive the expression of translocons to facilitate improved periplasmic secretion of the over-expressed recombinant protein. In addition, this system also facilitates efficient production of specific proteins of interest in E. coli.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1239/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IN VITRO METHOD FOR HIGH THROUGHPUT SCREENING OF GENOTOXIC AGENTS IN EUKARYOTIC CELLS

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANTHEM BIOSCIENCES PVT LTD
(32) Priority Date	:NA	Address of Applicant :#49, CANARA BANK ROAD,
(33) Name of priority country	:NA	BOMMASANDRA INDUSTRIAL AREA PHASE I
(86) International Application No	:NA	BOMMASANDRA, HOSUR ROAD, BANGALORE - 560 099
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NAIR AYYAPPAN
Filing Date	:NA	2)SUKUMARAN SUNIL KUMAR
(62) Divisional to Application Number	:NA	3)SUBBIAH MADHURI
Filing Date	:NA	4)GUPTA GUNJA
		5)RAJAKRISHNA LAKSHMI
		6)RAGHAVENDRA PRADEEP SAVANOOR
		7)KARTHIKEYAN SUBBULAKSHMI
		8)UNNI SALINI KRISHNAN
		9)SAMBASIVAM GANESH

(57) Abstract :

The present invention relates to a novel method for high throughput detection of wide range of genotoxins in eukaryotic cells wherein the eukaryotic cell based tool combines the ability to detect a broad spectrum of genotoxic signaling events and a simple and reproducible assay technique. The present invention further comprises expression cassettes, vectors, and eukaryotic cell lines for the same.

No. of Pages : 46 No. of Claims : 15

(54) Title of the invention : A PROCESS FOR PREPARATION OF 4-FLUORO- - [2-METHYL-1-OXOPROPYL] - -OXO-N- - DI HENYLBENZENE BUTANE AMIDE

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)VIJAYASRI ORGANICS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO 39, 1ST FLOOR,
(33) Name of priority country	:NA	VIJAYASRI ENCLAVE VIKASPURI, HYDERABAD - 500
(86) International Application No	:NA	038 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SRIVATSAVAYI JAGAPATHI RAJU</b>
(61) Patent of Addition to Application Number	:NA	<b>2)POTHUKUCHI SAIRAM</b>
Filing Date	:NA	<b>3)RANI SRINIVASA SASTRY</b>
(62) Divisional to Application Number	:NA	<b>4)CHIKKA MALLIKARJUNA RAO</b>
Filing Date	:NA	<b>5)CHEEKATI CHIRANJEEVI</b>
		<b>6)GUTTHI MALLIKARJUNA RAO</b>
		<b>7)SINGAVARAPU TRIMURTHULU</b>
		<b>8)THIMMAIPALLY VENKAT REDDY</b>
		<b>9)TADANKI VENKATESWARA RAO</b>

## (57) Abstract :

A process for preparation of 4-fluoro- -[2-methyl-1-oxopropyl]-Y-oxo-N- - diphenylbenzene butane amide also known as a diketone intermediate of atorvastatin, completely devoid of impurities 3,4-difluoro- -[2-methyl-1-oxopropyl]-y-oxo-n- - diphenylbenzene butane amide; methyl, 2{-2[-(4-fluorophenyl)-2-oxo-1-phenyl ethyl]} -4-methyl-3-oxo pentanoate; 1,4-bis(4-fluorophenyl)-2,3-diphenylbutane-1,4-dione, 1-(4-fluorophenyl)-2-phenyl ethanone; 1-(4-fluorophenyl)-2-phenyl ethanone and containing about 0.05% or less of 2-methyl-1-oxopropyl]-Y-oxo-N- - diphenylbenzene butane amide. In that process the said diketone intermediate of formula I is obtained by maintaining temperature -25° C to 50° C during Friedel-Crafts acylation, in situ halogenation of formula II in presence of a solvent and nucleophilic substitution from a compound of formula III with formula IV in presence of a base.

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1106/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMMIGRATION CONTROL SYSTEM•

(51) International classification	:G04G	(71)Name of Applicant :
(31) Priority Document No	:2011-151366	<b>1)HITACHI LTD.</b>
(32) Priority Date	:08/07/2011	Address of Applicant :6-6 Marunouchi 1-chome Chiyoda-
(33) Name of priority country	:Japan	ku Tokyo 100-8280 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Osamu TAKATA</b>
(87) International Publication No	: NA	<b>2)Yosuke KAGA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Yoshiaki ISOBE</b>
Filing Date	:NA	<b>4)Takuya KUSUNOKI</b>
(62) Divisional to Application Number	:NA	<b>5)Nobuo TAKAHASHI</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a system and a method for speeding up mmigration. In first immigration first biometric information is stored in a immigration biometric information DB. A normal immigration client terminal displays a first result of comparing an ID information watch list with a biometric information watch list. In subsequent second immigration the first biometric information in the immigration biometric information DB is compared with second biometric information obtained by a simplified immigration client terminal. Then the simplified immigration client terminal displays a second result of comparing the first biometric information with the watch list information that is added after the first comparison is done. Thus even if the number of registrations in a watch list database is large a small amount of similar watch list information is displayed reducing the time for checking the results by the operator.

No. of Pages : 69 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.124/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : TILTED GRATINGS AND METHOD FOR PRODUCTION OF TILTED GRATINGS

(51) International classification :G02B5/18  
(31) Priority Document No :09162787.7  
(32) Priority Date :16/06/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/052555  
Filing Date :09/06/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)VOGTMEIER Gereon**  
**2)ENGEL Klaus J.**  
**3)KOEHLER Thomas**  
**4)ROESSL Ewald**  
**5)SCHLOMKA Jens-Peter**

(57) Abstract :

The present invention relates to phase-contrast imaging which visualizes the phase information of coherent radiation passing a scanned object. Focused gratings are used which reduce the creation of trapezoid profile in a projection with a particular angle to the optical axis. A laser supported method is used in combination with a dedicating etching process for creating such focused grating structures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1317/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TECHNIQUES FOR BUFFERLESS LYSING OF CELLS AND SEPARATION OF CELLULAR COMPONENTS USING MODIFIED MEMBRANES

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Indian Institute of Science</b>
(32) Priority Date	:NA	Address of Applicant :Indian Institute of Science C.V.
(33) Name of priority country	:NA	Raman Avenue Bangalore-560012 INDIA Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Siva Rama Krishna Vanjari</b>
(87) International Publication No	: NA	<b>2)Navakanta Bhat</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SampathSrinivasan</b>
Filing Date	:NA	<b>4)Bharadwaj Amrutur</b>
(62) Divisional to Application Number	:NA	<b>5)Sandeep Keshavan Reddy</b>
Filing Date	:NA	<b>6)Deepthi Indukuri</b>

(57) Abstract :

A porous membrane for lysis of a cell population enriched from a biological sample, and isolation of cellular components is provided. The porous membrane contains embedded lysing agents to perform lysing. The biological sample is brought into contact with the membrane. Lysis occurs through the action of the embedded lysing agents on the biological sample. The pores of the porous membrane are designed to have dimensions to allow only a desired type of cellular component(s) resulting from lysis to pass through the membrane, thereby achieving isolation of the desired cellular component(s). The action of lysing agents is combined with the filtration properties of porous membranes resulting in an easy-to-use and cost-effective technique.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1318/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : LOW COST ELECTROCHEMICAL DISPOSABLE SENSOR FOR MEASURING GLYCATED HEMOGLOBIN

(51) International classification

:G01N

(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)Indian Institute of Science**

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**1)Siva Rama Krishna Vanjari**

**2)Navakanta Bhat**

**3)Sampath Srinivasan**

**4)Bharadwaj Amrutur**

**5)Chakrapani Kalapu**

(57) Abstract :

Design of a disposable screen printed electrode (SPE) for sensing percentage glycated hemoglobin using electrochemistry is disclosed. SPE has four electrodes, one working electrode for the detection of glycated hemoglobin, one working electrode for the detection of hemoglobin and the other two electrodes are counter and reference electrodes that are common for both detection schemes. It also has a cellulose acetate membrane with lysis agents and surfactant embedded in it. Lysis agents lyse erythrocytes and release hemoglobin. Surfactants modify hemoglobin structure and enhance the rate the electron transfer and thereby the output signal during the electrochemical analysis. The SPE is low cost and user friendly. The only input from the user is a drop of blood.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1387/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-ROOT PERIPHERAL CONNECT INTERFACE MANAGER

(51) International classification

:G06F

(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)INEDA SYSTEMS PVT. LTD**

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ROAD NO.2, BANJARA HILLS, HYDERABAD 500 034  
Andhra Pradesh India

(72)Name of Inventor :

**1)KANIGICHERLA, BALAJI**

**2)PASUMARTHY, DHANUMJAI**

**3)MEDEME, NAGA MURALI**

**4)HAIDER, SHABBIR**

**5)MAILAPALLI, RAJA BABU**

**6)ARUMILLI, KISHOR**

**7)CHETTIAR, CHANDRA KUMAR**

(57) Abstract :

Described herein is a detachable multi-host computing system (100) having multiple host processors running different operating systems. In one implementation, the multi-host computing system (100) includes a detachable unit (102) and a base unit (104). Each of the detachable unit (102) and the base unit (104) includes an MR-IOV switch and a MR-PCIM for controlling the MR-IOV switch. In one embodiment, the MR-PCIM for both the detachable unit (102) and the base unit (104) is configured such that a single MR-PCIM switch may be used for enumerating peripheral devices connected to the detachable unit (102) and the base unit (104) when the detachable unit (102) and the base unit (104) are in an attached mode.

No. of Pages : 28 No. of Claims : 16



(12) PATENT APPLICATION PUBLICATION

(21) Application No.130/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : OIL-FREE LOW PRESSURE WATER VAPOR BLOWER

(51) International classification	:F04D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/251,582	<b>1)R&amp;D Dynamics Corporation</b>
(32) Priority Date	:03/10/2011	Address of Applicant :49 West Dudley Town Road
(33) Name of priority country	:U.S.A.	Bloomfield Connecticut-06002 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)AGRAWAL Giridhari L.</b>
(87) International Publication No	: NA	<b>2)BUCKLEY Charles W.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KNECHEL Jared</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A high-speed single-stage motor-driven blower designed to move water vapor includes an axial flow compressor and a rotating assembly supported by gas foil bearings and driven by a brushless permanent magnet synchronous motor utilizing a remotely mounted variable frequency drive. The blower is immersed in a water vapor flow for operation. Accordingly the blower comprises an outer blower housing and an inner blower housing defining an annular cavity therebetween wherein the inner blower housing is held within the outer blower housing by seals and contains and protects the motor components and the bearings against water damage and contamination. A cooling flow may be leaked through the inner blower housing to cool the internal operational components of the blower and to capture heat therefrom which can be added to the water vapor flow moving through the blower.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1369/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : TEXTILE MACHINE AND INFORMATION TRANSMISSION SYSTEM FOR TEXTILE MACHINE

(51) International classification	:G05B19/05	(71)Name of Applicant :
(31) Priority Document No	:2011-183057	<b>1)MURATA MACHINERY, LTD.</b>
(32) Priority Date	:24/08/2011	Address of Applicant :3 MINAMI OCHIAI-CHO,
(33) Name of priority country	:Japan	KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(86) International Application No	:NA	Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)HIROYUKI SUSAMI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KEIGO MATSUMOTO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automatic winder (1) includes an AC-DC converter board (62), on which an electric circuit is formed by mounting electronic components, sensors (62a, 62c, and 62c) that detect a temperature, a voltage, and an electric current which are loads on the AC-DC converter board (62), and an information storing section (61a) that accumulates and stores therein the temperature values, voltage values, and electric current values detected at different points in time as load log information. .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1441/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF ETRAVIRINE

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MYLAN LABORATORIES LTD,</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)GORE, VINAYAK</b>
(61) Patent of Addition to Application Number	:NA	<b>2)BHARATI, CHOUDHARI</b>
Filing Date	:NA	<b>3)HUBLIKAR, MAHESH</b>
(62) Divisional to Application Number	:NA	<b>4)BANSODE, PRAKASH</b>
Filing Date	:NA	<b>5)SINORE, SANDIP</b>

(57) Abstract :

The present invention relates to a novel process for the preparation of Etravirine, comprises; condensing ethyl cyanoacetate with N-cyanophenylguanidine to obtain -OH compound of formula (II), which is further converted to a leaving group of formula (HI). Compound of formula (III) is optionally protected and brominated to yield compound of formula (IV). Condensation of formula (IV) with 3,5-dimethyl-4-hydroxybenzonitrile gives formula (VI), and an optional deprotection of formula (VI) results into Etravirine. The present invention further relates to process for purifying Etravirine. The present invention also provides novel intermediates of Etravirine.

No. of Pages : 22 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1441/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYNTHESIS OF C-3 COUPLED BIFLAVONOIDS AND C-3 COUPLED BIFLAVONOID ANALOGUES•

(51) International classification :C07D311/28	(71)Name of Applicant :
(31) Priority Document No :2009/05765	<b>1)UNIVERSITY OF THE FREE STATE</b>
(32) Priority Date :19/08/2009	Address of Applicant :Department of Chemistry Nelson
(33) Name of priority country :South Africa	Mandela Drive 9301 Bloemfontein South Africa
(86) International Application No :PCT/I 2010/053755	(72)Name of Inventor :
Filing Date :19/08/2010	<b>1)VAN DER WESTHUIZEN Jan Hendrik</b>
(87) International Publication No : NA	<b>2)BONNET Susanna Lucia</b>
(61) Patent of Addition to Application Number :NA	<b>3)ACHILONU Mathew</b>
Filing Date :NA	<b>4)SISA Miroslav</b>
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The invention relates to methods for the preparation of an optically inactive and optically active compounds which are selected from the group consisting of C-3 coupled biflavonoids and C-3 coupled biflavonoid analogues from a starting material or intermediate which are respectively selected from the group consisting of optically inactive or optically active flavan-3-ols and optically active flavan-3-ones the method comprising the steps of (a) providing an optically inactive or active compound having a flavan-3-ol structure or a compound which is a flavan-3-one (b) if a compound having a flavan-3-ol structure with a hydroxy group on the C-3 carbon is selected as starting material converting the hydroxy group on the C-3 carbon of the compound having the flavan-3-ol structure to an oxo group to form a flavan-.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1443/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ENZYMATIC PROCESS FOR THE PREPARATION OF MIGLITOL AND ITS INTERMEDIATES THEREOF

(51) International classification	:C12P	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MATRIX LABORATORIES LTD,</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERBAD-500 033 Andhra Pradesh India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SETHI, MADHURESH KUMAR</b>
(87) International Publication No	: NA	<b>2)BHANDYA, SOMASHEKHAR RUDRAPPA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MADDUR, NAGARAJ</b>
Filing Date	:NA	<b>4)SHUKLA, ROHIT</b>
(62) Divisional to Application Number	:NA	<b>5)ANISH KUMAR</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel enzymatic process for the preparation of Miglitol and deoxynorjorimycin hydrochloride, a key intermediate of Miglitol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1321/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : TORQUE LIMITING ENGINE ROTATION TOOL

(51) International classification	:B25B 23/00	(71) <b>Name of Applicant :</b> <b>1)INTERANATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC</b>
(31) Priority Document No	:13/080,147	Address of Applicant :4201 WINFIELD ROAD, LEGAL
(32) Priority Date	:05/04/2011	DEPT., WARRENVILLE, IL 60555 U.S.A.
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)EHLERS, MARK</b>
Filing Date	:NA	<b>2)REITH, KARL</b>
(87) International 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 torque limiting engine rotation tool for rotating a crankshaft of an engine, where the engine rotation tool is configured to be operated with a socket wrench or non-impacting tool and is configured to engage an accessory drive pulley bolt or any other bolt that causes the crankshaft to rotate, includes a socket body. The socket body has a driving portion coupled to a bolt-torquing portion with a shear pin. A receiving recess is defined by the driving portion and is configured to receive the socket wrench or non-impacting tool. A female socket recess is defined by the bolt-torquing portion and is configured to engage the bolt. The amount of torque applied by the socket wrench or non-impacting tool to the bolt is limited by the shear strength of the shear pin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1322/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR REMOTE CONTROL OF AN ELECTRIC EQUIPMENT UNIT AND CONTROL DEVICE FOR IMPLEMENTATION OF SUCH A METHOD

(51) International classification	:G08C 17/00	(71)Name of Applicant : <b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(31) Priority Document No	:1101078	Address of Applicant :35, RUE JOSEPH MONIER, F- 92500 RUEIL MALMAISON France
(32) Priority Date	:08/04/2011	(72)Name of Inventor : <b>1)VIGOUROUX, DIDIER</b>
(33) Name of priority country	:France	
(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 a method for remote control of an electric equipment unit, and to a device for implementation of this method. This method is characterized in that it comprises a first sequence called first actuation sequence of a generator and a second sequence called second actuation sequence of said generator, in that in the course of the first sequence, actuation of the generator enables the energy of the first actuation to be stored and stores the information of a control order to be sent to the equipment unit, and in the course of the second sequence, second actuation of the generator stores the energy of this second actuation and enables the control order to be sent to the equipment unit via the information of a control order to be sent stored in the first sequence, and enables the information of effective transmission of the control order to be sent to indicating means. The device mainly comprises a control interface designed to be placed in the equipment unit, a remote control (1) comprising two actuating buttons (5,6), a dongle (2) which can be detached to be temporarily inserted in the control interface, and means for forcing the operator to reposition the dongle (2) inside the housing of the remote control (1) after use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1465/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MUSICAL KEYBOARD WITH RAAGA SETTING FEATURE

(51) International classification

:G10G

(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)MAHESHA PADYANA**

Address of Applicant :757/C12, 10TH CROSS, BOGADI II  
STAGE -MYSORE-57002 Karnataka India

(72)Name of Inventor :

**1)MAHESHA PADYANA**

(57) Abstract :

A musical keyboard is presented. The musical keyboard includes different features as compared to the existing musical keyboards, such as setting of raaga, configuration to disable notes based on a raaga, including a database of raaga and corresponding scale, and configuration to capture and set the raaga dynamically. Further, the musical keyboard is configured to illuminate the notes that are not disabled and to enable the disabled notes temporarily by altering the frequency. Further, a volume adjustment and Portamento feature on every note using touch switches is described. A musical keyboard with all notes arranged in one row and provision to set the note width dynamically is presented.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1466/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PORTABLE WIND POWER GENERATOR SYSTEM WITH ADJUSTABLE VANES USING WIND DRAFT FROM VEHICULAR TRAFFIC

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SRIKANTH N. SEELIN</b>
(32) Priority Date	:NA	Address of Applicant :151/44, 2ND CROSS, 8TH NAIN,
(33) Name of priority country	:NA	VASANTH NAGAR BANGALORE - 560 052 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SRIKANTH N. SEELIN</b>
(87) International 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 various embodiments herein provide a portable wind power generator provided with a wind turbine rotating in a cylindrical wind tunnel body and capable of generating high output power by accelerating wind flow. The blade surface of the turbine is partially exposed to the wind flow to increase the torque of the rotating blades thereby increasing the power output. The wind power generating system uses a high wind pressure generated by fast moving vehicles by channeling the induced wind in the direction of the wind turbine. The system is installed along a traffic divider line provided at the middle of a roadway. The system includes a rotating wind turbine capable of generating high output power by accelerating an air flow and a set of air ducts arranged opposite to each other for channelizing an air flow.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1330/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : WIRELESS INTERFACE SHARING

(51) International classification

:H04L

(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)INEDA SYSTEMS PVT. LTD**

Address of Applicant :8-2-120/115/C, SUDHA ENCLAVE,  
ROAD NO. 2, BANJARA HILLS, HYDERABAD - 500 034  
Andhra Pradesh India

(72)Name of Inventor :

**1)KANIGICHERLA, BALAJI**

**2)VOLETI, SIVA RAGHURAM**

**3)TANDABOINA, KRISHNA MOHAN**

**4)KOPPARAPU, SUMAN**

**5)BANDI, SARVESHWAR**

**6)HALI, KAPIL**

(57) Abstract :

Described herein are methods and system for sharing a wireless interface (102) among various multiple host processors in a multi-processor computing system (100) to provide simultaneous access of a wireless network to the host processors. In one implementation the multi-host computing system (100), comprises a wireless interface (102) configured to connect to at least one of a plurality of wireless networks; and a wireless network access virtualization (WNAV) processor (108) communicatively coupled to the wireless interface (102), wherein the WNAV processor (108) is configured to multiplex data packets received from the plurality of hosts, transmit the multiplexed data packets to at least one of the plurality of wireless networks through the wireless interface (102), receive data packets from one of the plurality of wireless network through the wireless interface (102) and route the data packets to each of the plurality of hosts based on a media access control (MAC) address associated with each of the plurality of hosts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1331/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NETWORK INTERFACE SHARING IN MULTI HOST COMPUTING SYSTEMS

(51) International classification

:G06F

(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)INEDA SYSTEMS PVT. LTD**

Address of Applicant :8-2-120/115/C, SUDHA ENCLAVE,  
ROAD NO. 2, BANJARA HILLS, HYDERABAD - 500 034  
Andhra Pradesh India

(72)Name of Inventor :

**1)KANIGICHERLA, BALAJI**

**2)VOLETI, SIVA RAGHURAM**

**3)TANDABOINA, KRISHNA MOHAN**

**4)KOPPARAPU, SUMAN**

**5)BANDI, SARVESHWAR**

**6)HALI, KAPIL**

(57) Abstract :

The present subject matter discloses methods and systems of network interface sharing in multiple host computing system (100) running multiple operating systems. In one embodiment, the multi-host computing system (100) comprises a network interface controller (118) configured to provide access to at least one communication network to a plurality of hosts of the multi-host computing system (100), a device interconnect logic (DIL) unit (120), communicatively coupled to the network interface controller (118), wherein the DIL unit (120) is configured to determine a first host, from amongst the plurality of hosts, wherein the first host controls the network interface controller (118), and a peripheral component interconnect express (PCIe)-to-PCIe network redirection engine (134) configured to transmit data between the plurality of hosts, based in part on control signals generated by the first host.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1332/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-HOST ETHERNET CONTROLLER

(51) International classification	:H04L	(71) <b>Name of Applicant :</b> <b>1)INEDA SYSTEMS PVT. LTD</b> Address of Applicant :8-2-120/115/C, SUDHA ENCLAVE, ROAD NO. 2, BANJARA HILLS, HYDERABAD - 500 034 Andhra Pradesh India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)KANIGICHERLA, BALAJI</b>
(33) Name of priority country	:NA	<b>2)TANDABOINA, KRISHNA MOHAN</b>
(86) International Application No	:NA	<b>3)YAKKALA, LAXMI NARAYANA</b>
Filing Date	:NA	<b>4)BANDA, SITARAM</b>
(87) International Publication No	: NA	<b>5)K, CHAITANYA</b>
(61) Patent of Addition to Application Number	:NA	<b>6)KOLUGURI, HARI PRASAD</b>
Filing Date	:NA	<b>7)ALURU, RAVIKANTH</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described herein is a system having a multi-host Ethernet controller (102) configured to provide communication and control between two or more independent host processors (104) and a network device. In one implementation, the multi host Ethernet controller (102), having an integrated L2 switch (110) to enable a plurality of independent host systems to access same physical gigabit network port concurrently. Each host processor (104) sees the controller as PCI based independent network controller and accesses the controller using its own mini-port driver. The common programming parameters such as Link Speed or Inter Packet Gap (IPG) are programmed by a virtualization engine. Packets from network (LAN) are switched based on MAC destination address and sent to corresponding host based on MAC destination address. Packets from each host processor (104) are forwarded to network interface or other host processor (104) based on MAC destination address.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1470/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS AND APPARATUS FOR USE IN EFFICIENTLY SCANNING FOR WIRELESS NETWORKS BASED ON MOBILE DEVICE VELOCITY

(51) International classification	:H04W 84/00	(71)Name of Applicant : <b>1)RESEARCH IN MOTION LIMITED</b>
(31) Priority Document No	:11162672.7	Address of Applicant :295 PHILLIP STREET,
(32) Priority Date	:15/04/2011	WATERLOO, ONTARIO, N2L 3W8 Canada
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)KHOLAIF AHMAD MOHAMMAD MOHAMMAD</b>
Filing Date	:NA	<b>2)RAWLINS RUDY EUGENE</b>
(87) International 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 :

Techniques for efficient scanning for WLANs based on mobile device velocity are described. In one illustrative example, a mobile device identifies whether its velocity is less than or greater than a threshold value. While it is identified that the velocity of the mobile device is less than the threshold value, the mobile device scans to search for one or more WLANs identified in a first subset of WLAN profiles (e.g. stationary WLANs). While it is identified that the velocity of the mobile device is greater than the threshold value, the mobile device scans to search for the one or more WLANs identified in a second subset of WLAN profiles (e.g. mobile WLANs). Advantageously, a suitable WLAN may be more efficiently identified with use of a technique which reduces power consumption of the mobile device.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1343/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MAGNETIC RESONANCE PH MEASUREMENTS USING LIGHT ENDOWED WITH ORBITAL ANGULAR MOMENTUM

(51) International classification	:G01R33/28	(71)Name of Applicant :
(31) Priority Document No	:61/232814	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:11/08/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053147	(72)Name of Inventor :
Filing Date	:09/07/2010	<b>1)ELGORT Daniel</b>
(87) International Publication No	: NA	<b>2)ALBU Remus</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a pH measurement system a magnet defines a B0 magnetic field with which selected dipoles preferentially align in an examination region. A orbital angular momentum system endows electromagnetic (EM) radiation with orbital angular momentum (OAM) and transmits the OAM endowed EM radiation to the examination region to at least one of (1) enhance the preferential alignment of the selected dipoles with the B0 magnetic field and (2) excite the aligned dipoles to resonate. A receive coil receives resonance signals from the resonating dipoles. An analysis or measurement unit determines a pH in the examination region by analyzing the resonance signals.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1344/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR MANUFACTURING NEGATIVE ELECTRODE ACTIVE MATERIAL FOR USE IN NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY, NEGATIVE ELECTRODE MATERIAL FOR USE IN NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY AND NON-AQUEOUS ELECTROLYTE SECONDARY BATTERY

(51) International classification	:H01M 4/00	(71)Name of Applicant : <b>1)SHIN-ETSU CHEMICAL CO., LTD.</b>
(31) Priority Document No	:2011- 086694	Address of Applicant :6-1, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO Japan
(32) Priority Date	:08/04/2011	(72)Name of Inventor :
(33) Name of priority country	:Japan	<b>1)NAKANISHI, TETSUO</b>
(86) International Application No	:NA	<b>2)IKEDA, TATSUHIKO</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method for manufacturing a carbon-coated negative electrode active material for use in a non-aqueous electrolyte secondary battery, wherein a negative electrode active raw material including at least one of silicon oxide powder and silicon powder is coated with carbon by a catalytic CVD method. The present invention also provides a negative electrode material for use in a non-aqueous electrolyte secondary battery and a non-aqueous electrolyte secondary battery using the negative electrode active material. As a result, there is provided a method for manufacturing a negative electrode active material for use in a non-aqueous electrolyte secondary battery in which high battery capacity given by the silicon-based active material is maintained and a volume expansion and a break in the active material are suppressed.

No. of Pages : 48 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1344/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MRI BY DIRECT TRANSVERSE HYPERPOLARIZATION USING LIGHT ENDOWED WITH ORBITAL ANGULAR MOMENTUM

(51) International classification :G01N24/08  
(31) Priority Document No :61/232817  
(32) Priority Date :11/08/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053150  
Filing Date :09/07/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
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EINDHOVEN 5621 BA NETHERLANDS  
(72)Name of Inventor :  
**1)ELGORT Daniel**  
**2)ALBU Remus**

(57) Abstract :

A magnetic resonance system includes a main magnet (12 12<sup>TM</sup> 12<sup>TMTM</sup>) which generates a static magnetic field B0 in an examination region (14 14<sup>TM</sup> 14<sup>TMTM</sup>). A hyperpolarization device (26 26<sup>TM</sup> 26<sup>TMTM</sup>) directly hyperpolarizes nuclear spins via electromagnetic radiation endowed with orbital angular momentum transverse to the static magnetic field B0 for inducing magnetic resonance. The hyperpolarization device includes an orientation tracking unit (100) which determines an orientation of the endowed photon beam relative to a predefined external coordinate system. An orientation modifier (104) adjusts the orientation of the endowed photon beam to an optimal orientation according to the determined relative orientation.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1487/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HYBRID SYSTEM OF GASEOUS REGENERATIVE FUEL CELL AND COMPRESSION MECHANISM

(51) International classification	:B60W
(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)KURTKOTI VARUN**  
Address of Applicant :#1, DESAI COLONY, SRINAGAR,  
DHARWAD-580 003 Karnataka India  
(72)**Name of Inventor :**  
**1)KURTKOTI VARUN**

(57) Abstract :

A hybrid system of gaseous regenerative fuel cell and compression mechanism is disclosed that involves oxidation of Sulphur dioxide using electrochemical processes inside an electrochemical cell. After oxidation, Sulphur trioxide is produced which reacts with Sulphuric acid exothermically. The energy liberated by the exothermic reaction is absorbed by another working fuel which expands and performs mechanical work in another power cycle. The invented system basically runs on a reversible chemical reaction, with work being done by the energy released by the reactions. The forward reaction liberates energy and during reversible reaction, the energy is absorbed by another fluid with a lower heat capacity. After work is performed, the original reactants are regenerated using thermal and electric methods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1429/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SYSTEM AND METHOD TO PROVIDE A WEATHER RESISTANT DISPLAY POUCH

(51) International classification	:G09G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SRINATH VELLORE</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.7, JAINAGAR COLONY,
(33) Name of priority country	:NA	SIKH VILLAGE, SECUNDRABAD - 500 009 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SRINATH VELLORE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for rendering an assembly of components of a display pouch for effective exhibition of displayed information minimizing harsh effect of water or weather on the information displayed where the content can be replaced. The display pouch is embedded with a plurality of LEDs along the peripheral edge of the envelope which emits light thereby increasing the visibility of display content when intensity of light is less and visibility of display content is lower.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.143/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC-ACTUATED CONTROL VALVE OF A UNIT FUEL INJECTOR

(51) International classification	:F01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/010,980	<b>1)International Engine Intellectual Property Company</b>
(32) Priority Date	:21/01/2011	<b>LLC</b>
(33) Name of priority country	:Argentina	Address of Applicant :4201 Winfield Road Warrenville
(86) International Application No	:NA	Illinois 60555 U.S.A.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)EL-BESHBESHY Mahmoud S.</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SIUCHTA Grzegorz</b>
Filing Date	:NA	<b>3)MALHOTRA Rakesh</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A unit fuel injector (10) has a control valve (40) in which a valve spool (92) is displaceable within a bore (91) of a valve body (90) between a limit of displacement that fully opens an oil outlet port (42) to an oil inlet port (44) while closing an oil drain port (106) to the oil outlet port and a limit of displacement that closes the oil outlet port to the oil inlet port while opening the oil outlet port to the oil drain port. The valve spool has a spool body (96) whose geometry defines an exterior envelope of the valve spool. Permanent magnets (98 100) are disposed within a bore of the spool body inside of the exterior envelope and electromagnets (102 104) are electromagnetically coupled with the permanent magnets for displacing the valve spool within the valve body bore.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.15/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : WARP FEEDING METHOD AND WARP FEEDING DEVICE IN LOOM

(51) International classification	:D03D	(71)Name of Applicant :
(31) Priority Document No	:2011-010858	1)TSUDAKOMA KOGYO KABUSHIKI KAISHA
(32) Priority Date	:21/01/2011	Address of Applicant :18-18, NOMACHI 5-CHOME,
(33) Name of priority country	:Japan	KANAZAWA-SHI, ISHIKAWA-KEN 921-8650 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ITOU, NAOYUKI
(87) International Publication No	: NA	2)TANIDA, NOBUO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A warp feeding method in a loom in which a let-off device (5) and a take-up device (8) have a let-off motor (5c) and a take-up motor (8c) as driving sources, respectively, is provided. The let-off motor (5c) and the take-up motor (8c) are independent of a main driving motor of the loom. The method includes the steps of performing a warp feeding operation by driving the let-off motor (5c) and the take-up motor (8c) while the main driving motor is stopped; during the warp feeding operation, detecting a tension of a warp; comparing a warp tension value that is based on the detection with a previously set reference value of the tension of the warp; and if the warp tension value is not the reference value, performing tension control for returning the tension of the warp to the reference value in accordance with a previously set control mode in which the let-off motor (5c) and the take-up motor (8c) are control objects.

No. of Pages : 46 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.150/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTROL SYSTEM FOR MAKING AN INPUT POWER VARY WITH LOAD AND ROTATING SPEED CONCURRENTLY BY DRAGGING MULTIPLE MOTORS WITH ONE INVERTER BRIDGE

(51) International classification	:H02P
(31) Priority Document No	:201110231539.4
(32) Priority Date	:11/08/2011
(33) Name of priority country	:China
(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)ZHOU, SHUNXIN**

Address of Applicant :5-1-311 SHANGGANG ROAD,  
XILING DISTRICT, YICHANG, HUBEI PROVINCE China

(72)Name of Inventor :

**1)ZHOU, SHUNXIN**

(57) Abstract :

The present invention discloses a control system for making an input power vary with load and rotating speed concurrently by dragging multiple motors with one inverter bridge, which is consisted of a stator voltage-regulating unit, an electric motor unit, a rotor speed-regulating unit, an inverter bridge unit, a controlling and driving unit and a signal processing unit. In the invention, by setting a power factor sensor, the phase voltage and phase current of a motor stator are collected as a control signal to regulate an input power and make it vary with the load; at the same time, by setting a voltage sensor and a current sensor, the motor rotor phase voltage, the rectifier output voltage, the over voltage protection current and the chopper working current are respectively collected as a control signal to regulate the input power and make it vary with the rotating speed. In the invention, a plurality of microprocessors are employed for operating and controlling, a structural design of shunting function-modularized circuit is developed, the interface standard and the interpolated signal processing technology are specified, therefore, by combining simple and clear mechanical structures and system software, the effective feedback of energy can be realized, and the object of saving power sources can be obtained.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1091/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DISTRIBUTED FILE SYSTEM

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-072790	<b>1)NEC CORPORATION</b>
(32) Priority Date	:29/03/2011	Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU TOKYO 108-8001 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)TAKEMOTO, TAIRA</b>
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 computer node connected with an upstream computer node and a downstream computer node so as to be capable of communicating therewith has a replication file system of a master file system, a storing unit, and a controlling unit. The controlling unit receives incremental data showing a changed part of the master file system from the upstream computer node, stores the incremental data into the storing unit, reflects the incremental data on the file system, and transfers the incremental data to the downstream computer node. Moreover, in a case that incremental data for plural times having received from the upstream computer node and having not transferred to the downstream computer node yet are accumulated in the storing unit, the controlling unit merges, with last received incremental data among the incremental data for plural times, the rest of the incremental data for plural times.

No. of Pages : 58 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1367/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : SELF-ALIGNING COUPLING FOR LIFT GUIDES

(51) International classification	:F16B 21/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:P201130614	<b>1)S.A. DE VERA (SAVERA)</b>
(32) Priority Date	:18/04/2011	Address of Applicant :BARRIO DE ZALAIN, 31780 VERA
(33) Name of priority country	:Spain	DE BIDASOA (NAVARRA) Spain
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SANZ GAMBOA, JESUS</b>
(87) International 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 self-aligning coupling for lift guides, which consists of a core-mushroom element (13) and wings (14). Each wing (14) carries a through hole (141) in its coupling zone and there are: - under the wings (14) an extra-flat plate (2) provided with four through holes (21) in correspondence with the orifices (141) of two guides (1) to be joined; - on top of the wings (14), two extra-flat plates (3), each provided with two through holes (31) in correspondence with two orifices (141) of two guides (1) to be joined. - in said orifices (141), (31) and (21) retaining screws (41) fastened with nuts (42); said screws presenting (41) a conical head (411). The orifices (31) of the plates (3) are of greater diameter than the orifices (141) of the wings (14). The distance between the orifices (31) of the plates (3) is shorter than the distance between the two orifices (141) of the wings (14) of the same side.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1436/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRONIC GAME MACHINE AND ITS PROGRAM

(51) International classification	:G06T 17/00	(71) <b>Name of Applicant :</b> <b>1)KASAI, KAZUHIKO</b>
(31) Priority Document No	:2011- 121855	Address of Applicant :916-1, SAWANOBORI, MINAMIARUPUSU-SHI, YAMANASHI-400-0302 Japan
(32) Priority Date	:31/05/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)KASAI, KAZUHIKO</b>
(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 :

There are provided an electronic game machine and a program which is capable of improving elegance and tastefulness of a game and of spreading the game widely. The electronic game machine comprises a game board displaying means 31 to display the game board on a display, a game piece deployment controlling means 32, a game piece movement permitting means 33 to permit the movement of a solid game piece or a hollow game piece, a game piece reversal permitting means 34 to permit the reversal of the solid game piece or the hollow game piece, a game piece uniting judging means 35 to judge whether the solid game piece or hollow game piece move to unite with other game piece, an intersected line number calculating means 36 to calculate the number of intersected lines at an intersection point at which a united game piece is put, a doubly uniting judging means 37 to judge existence or nonexistence of a doubly united game piece wherein uniting between graphics occur simultaneously, a score summing -up means 38 to sum up a total score of a game piece having each color, and a fighting result judging means 39 to certify a game player having selected a game piece having a color wherein a total score of the game piece having the color first reaches a predetermined minimum score, as a winner.

No. of Pages : 175 No. of Claims : 7



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1506/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING SKILL MATRIX

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INFOSYS TECHNOLOGIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.44 ELECTRONICS CITY
(33) Name of priority country	:NA	HOSUR ROAD BANGALORE-560 100 Karnataka India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BHOSE, RAJARSHI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a system for determining a skill matrix of an employee is provided. The method comprises analyzing the employee's folksonomic behavior and consequently creating the skill matrix of the employee. Folksonomy comprises creating one or more tags to annotate and categorize web content. The system includes a Tag Cloud Management Module, a Tag Cluster Generator Module and a Skill Matrix Generator Module. The Tag Cloud Management Module is configured to generate a tag cloud, wherein the tag cloud includes one or more tags created by the employee while browsing content of interest. The Tag Cluster Generator Module is configured to create one or more groups/clusters of one or more tags included in the tag cloud, based on one or more technologies related to the one or more tags. The Skill Matrix Generator Module is configured to analyze the created one or more clusters of tags to determine the skill matrix of the employee.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.106/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : RECEIVER CIRCUITS AND SYSTEMS FOR RECEIVING MEDIUM WAVE AND SHORT WAVE SIGNALS

(51) International classification	:H03H
(31) Priority Document No	:13/007,572
(32) Priority Date	:14/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)SILICON LABORATORIES INC.**  
Address of Applicant :400 W. CESAR CHAVEZ, AUSTIN,  
TX 78701 U.S.A.  
(72)**Name of Inventor :**  
**1)WILLINGHAM, SCOTT**  
**2)SARDA, VIVEK**

(57) Abstract :

A receiver includes a first terminal for receiving an RF signal having a frequency of less than approximately 60 MHz, a second terminal, and a receive path having an input coupled to the first terminal and an output for providing a demodulated RF signal. The receiver further includes a detector coupled to the receive path for detecting a signal parameter in the RF signal and a controller coupled to the detector and to the second terminal. The controller provides the multiplex signal in a tuning state to the second terminal to selectively provide one of a first RF signal and a second RF signal to the first terminal and to determine at least one of a first parameter of the first RF signal and a second parameter of the second RF signal. The controller provides the multiplex signal in an operating state based on the first parameter and the second parameter.

No. of Pages : 36 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1311/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AUTOMATIC CAMERA SELECTION FOR VIDEOCONFERENCING

(51) International classification	:H04N 7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/163,837	<b>1)POLYCOM, INC.</b>
(32) Priority Date	:20/06/2011	Address of Applicant :4750 WILLOW ROAD,
(33) Name of priority country	:U.S.A.	PLEASANTON, CALIFORNIA 94588 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHU, PETER L.</b>
(87) International Publication No	: NA	<b>2)FENG, JINWEI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SAI, KRISHNA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In videoconference camera selection, audio inputs associated with cameras for a videoconference are each processed into first and second audio energies respectively for first and second frequency ranges. The selection then determines which of the audio inputs has a greatest ratio of the first audio energy to the second audio energy and selects the associated camera view for outputting video for the videoconference. The selection can also process video inputs from the cameras either alone or in combination with the audio processing. Either way, the selection processes each of the video inputs for at least one facial characteristic and determines which of the video inputs has a greatest likelihood of framing a human face. In the end, the selection selects the associated camera view for outputting video for the videoconference based at least in part on this video-based determination.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1454/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FLOOR SLAB FOR CONSTRUCTION PLANT

(51) International classification	:E04B5/19
(31) Priority Document No	:U200901142
(32) Priority Date	:17/07/2009
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2010/000303
Filing Date	:14/07/2010
(87) 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)GARCIA SANTIAGO Isidro**

Address of Applicant :Valencia 11 - 3º dcha. E-03690 San Vicente del Raspeig (Alicanta) Spain

**2)NOALES OLIVER Jos Ram³n**

(72)Name of Inventor :

**1)NOALES OLIVER Jos Ram³n**

**2)NU'EZ CANO Daniel**

(57) Abstract :

Top slab for building floors made up of modular parts that comprise a block (1) of expanded polystyrene with sides that have tongues (8) and reciprocal grooves (7) where said block (1) has a longitudinal channel (2) with a mass (5) of concrete adhesive and a fastened lattice structure (6) while across the block (1) in alternate positions there are deep grooves (3) and shallow grooves (4).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1457/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPRESSED AIR DRIVEN PICO HYDRO TURBINE TO MAKE LOW PRESSURE  
COMPRESSED AIR ENERGY STORAGE ECONOMICALLY VIABLE

(51) International classification	:F03B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)M/S HARITHA ECO TRUST</b>
(32) Priority Date	:NA	Address of Applicant :HARITHAPURI, BCM ROAD,
(33) Name of priority country	:NA	PALONCHA, KHAMMAM(DT.) - 507 115 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)ADITHYA DAHAGAMA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides for a system with hydro turbine to generate electricity operating from low grade compressed air at less than a few bar of pressure. The system comprises of a storage tank for compressed air, water tanks with air inlet and water outlet ports, a hydel turbine, direction control valve for air, water inlets for water tanks, air exhaust ports at the top of water tanks and non-returns valves at the water connection lines from water tanks to turbine and from turbine to water tanks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1523/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : REMOTE CONTROL OF A PLURALITY OF DEVICES

(51) International classification :G08C25/02  
(31) Priority Document No :09168589.1  
(32) Priority Date :25/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053747  
Filing Date :19/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)GEERAERTS Sam**

(57) Abstract :

A system and method are described for controlling a plurality of devices (150) by a remote control apparatus (105). The remote control apparatus (105) transmits a same sequence of commands individually to each of the plurality of devices (150) to execute a relative increase or decrease of a parameter thereof with a certain value. There is two-way communication between the remote control apparatus (105) and the devices (150). The devices (150) acknowledge the correct reception of a command by transmitting an acknowledgement message to the remote control apparatus (105). The remote control apparatus (105) repeats the transmission of a command to a device (150) in case of not receiving an acknowledgement message from the device (150). In this way it is guaranteed that all controlled devices (150) receive the same commands and the controlled parameters thereof are kept in synchronization.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1447/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A NOVEL PROCESS FOR THE PREPARATION OF AMORPHOUS PITAVASTATIN CALCIUM

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)AUROBINDO PHARMA LTD</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SUKUMAR NANDI</b>
(87) International Publication No	: NA	<b>2)GONA BALANARASIMHA REDDY</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ANANTA RANI</b>
Filing Date	:NA	<b>4)JOSEPH PRABAHAR KOILPILLAI</b>
(62) Divisional to Application Number	:NA	<b>5)MEENAKSHISUNDERAM SIVAKUMARAN</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel process for preparing amorphous Pitavastatin calcium salt of formula I from C1-4 alkyl ester of Pitavastatin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1513/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : TUBULAR REACTOR WITH JET IMPINGEMENT HEAT TRANSFER

(51) International classification	:B01J8/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/092,378	<b>1)AIR PRODUCTS AND CHEMICALS, INC.</b>
(32) Priority Date	:22/04/2011	Address of Applicant :7201 HAMILTON BOULEVARD,
(33) Name of priority country	:U.S.A.	ALLENTOWN, PA 18195-1501 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JIN, BO</b>
(87) International Publication No	: NA	<b>2)BROEKHUIS, ROBERT ROGER</b>
(61) Patent of Addition to Application Number	:NA	<b>3)HE, XIAOYI</b>
Filing Date	:NA	<b>4)NATARAJ, SHANKAR</b>
(62) Divisional to Application Number	:NA	<b>5)LICHT, WILLIAM ROBERT</b>
Filing Date	:NA	<b>6)GARD, DIWAKAR</b>

(57) Abstract :

A tubular reactor for producing a product mixture in a tubular reactor where the tubular reactor comprises an internal catalytic insert with cup-shaped structures having orifices for forming fluid jets for impinging the fluid on the tube wall. Jet impingement is used to improve heat transfer between the fluid in the tube and the tube wall in a non-adiabatic reactor. The tubular reactor and method may be used for endothermic reactions such as steam methane reforming and for exothermic reactions such as methanation.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1513/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD OF REMOTELY MONITORING AND/OR MANAGING THE TREATMENT OF A PLURALITY OF SUBJECTS WITH AEROSOLIZED MEDICAMENT

(51) International classification :G06F19/00

(31) Priority Document No :61/234264

(32) Priority Date :15/08/2009

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

(86) International Application No :PCT/IB2010/053206

Filing Date :13/07/2010

(87) 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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(72)Name of Inventor :

**1)DENYER Jonathan S. H.**

**2)PRINCE Ivan Richard**

**3)DYCHE Anthony**

(57) Abstract :

Therapy regimes of a plurality of subjects are remotely monitored and/or managed wherein the therapy regimes include reception of aerosolized medicament. This enables users such as medical care providers researchers clinic administrators and/or other users to monitor and/or manage the therapy regimes of the plurality of subjects through a centralized access point. This reduces physical requirements of proximity for the users and/or the subjects alleviates the administrative the burden placed on the users to manage and/or monitor individual therapy regimes and/or provides other enhancements over convention systems.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1514/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ENABLING THERAPEUTIC DELIVERY OF AEROSOLIZED MEDICAMENT TO A PLURALITY OF SUBJECTS TO BE MONITORED

(51) International classification :G06F19/00  
(31) Priority Document No :61/234265  
(32) Priority Date :15/08/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053185  
Filing Date :12/07/2010  
(87) 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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**1)DENYER Jonathan S. H.**  
**2)LEPPARD Michael James Robbert**  
**3)RABBETTS Ian Philip**  
**4)DYCHE Anthony**

(57) Abstract :

A server is configured to be communicatively linked with drug delivery devices used by a plurality of different subjects to receive aerosolized medicament as part of a therapy regime. The server provides a user with a user interface that enables the user to access therapy information related to the therapy of a plurality of different subjects. This may facilitate the monitoring of therapy received by the plurality of subjects enhance communication between a caregiver or researcher and the individual subjects and/or enable updates to software related to the operation of the drug delivery devices to be distributed more efficiently.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1515/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR TRANSMITTING DATA IN A WIRELESS NETWORK&NBSP; AND WIRELESS NETWORK THEREFOR

(51) International classification :H04W74/08  
(31) Priority Document No :09305760.2  
(32) Priority Date :17/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053397  
Filing Date :27/07/2010  
(87) 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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(72)**Name of Inventor :**  
**1)PANDHARIPANDE Ashish Vijay**  
**2)FLACK Thomas**

(57) Abstract :

Method for transmitting data from a resource-constrained transmitter to a receiver in a wireless network comprising the following steps: - the resource-constrained transmitter (21a 21b 21c) sending a channel request message to the receiver (22) - the receiver determining communication channel availability based on the result of a sensing step and broadcasting channel information - the resource-constrained transmitter listening to the information and transmitting data on the corresponding channel to the receiver - the receiver going into a power saving mode in case no channel request (4 14) is received. The invention also relates to a wireless network.

No. of Pages : 13 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1516/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR OPERATING A RADIO STATION IN A MOBILE NETWORK

(51) International classification :H04L27/26  
(31) Priority Document No :09168118.9  
(32) Priority Date :18/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053433  
Filing Date :28/07/2010  
(87) 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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**1)MOULSLEY Timothy James**  
**2)TESANOVIC Milos**  
**3)CHIAU Choo Chiap**  
**4)DAVIES Robert James**

(57) Abstract :

The present invention relates to a secondary station comprising means for communicating with at least one primary station the secondary station comprising means for receiving from the primary station a subset of reference symbols selected out a set of possible reference symbols the reference symbols of the subset being associated with a spatial channel wherein a transmission characteristic of the subset of reference symbols depends on the spatial channel.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : EXPANSION PLUG

(51) International classification	:F16B 29/00
(31) Priority Document No	:102011007570.4
(32) Priority Date	:18/04/2011
(33) Name of priority country	:Germany
(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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(72)**Name of Inventor :**  
**1)SCHAEFFER, MARC**  
**2)OBERNDORFER, GEORG**

(57) Abstract :

When it comes to an expansion plug (1) comprising an anchor bolt (2) with an expansion element (3) on a first end section (6) of the anchor bolt (2) having a longitudinal axis (10), preferably also comprising at least one force-applying means (20) on the anchor bolt (2) in order to hold loads, and also comprising an expansion sleeve (4) surrounding the anchor bolt (2), the objective is to avoid an axial movement of the expansion sleeve (14), especially in the case of a drilled hole diameter in the lower tolerance range or in the case of a hollow space. This objective is achieved in that the expansion plug (1) has at least one eccentric geometry, so that an expansion of the expansion sleeve (4) can be achieved by means of a rotational movement of the anchor bolt (2), especially around the longitudinal axis (10) as the axis of rotation (9).

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1520/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : RECONSTRUCTION OF A REGION-OF-INTEREST IMAGE

(51) International classification :G06T11/00

(31) Priority Document No :61/235373

(32) Priority Date :20/08/2009

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

(86) International Application No :PCT/IB2010/053155

Filing Date :09/07/2010

(87) 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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**1)KOEHLER Thomas**

**2)BONTUS Claas**

(57) Abstract :

A method and system to perform region-of-interest (ROI) reconstruction is provided even if the original projection data are truncated. The reconstruction is performed on a superset of the ROI including the ROI as well as other areas which are outside the scan field-of-view of the imaging system but still within the imaging bore.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1521/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DETECTION OF DIFFERENT TARGET COMPONENTS BY CLUSTER FORMATION

(51) International classification :G01N33/543  
(31) Priority Document No :09168150.2  
(32) Priority Date :19/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053690  
Filing Date :16/08/2010  
(87) 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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(72)**Name of Inventor :**  
**1)RANZONI Andrea**  
**2)OVSYANKO Mikhail Mikhaylovich**  
**3)PRINS Menno Willem Jose**

(57) Abstract :

The invention relates to a method, a test kit, and an apparatus (100) for detecting a plurality of different species of target components (T1, T2) in a sample. This is achieved by using a plurality of classes of label particles (1, 2), wherein at least one of the label particles (1, 2) in each class is a magnetic particle, and wherein label particles (1, 2) from each class can bind to each other via the same class-specific species of target component. Clusters of label particles (1, 2) can then form in which binding to specific target components (T1, T2) is accompanied by characteristic properties, for example magnetic susceptibilities of the associated label particles (1, 2). The selective actuation of such clusters by a magnetic field (B) with at least one oscillating component and a variable field amplitude together with the detection of such selectively actuated clusters will hence allow to specifically detect the clusters. This provides information about the different target components (T1, T2) in the sample.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1522/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR GENERATING AND MOVING A MAGNETIC FIELD HAVING A FIELD FREE LINE

(51) International classification :A61B5/05  
(31) Priority Document No :09168383.9  
(32) Priority Date :21/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053749  
Filing Date :19/08/2010  
(87) 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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(72)Name of Inventor :  
**1)KNOPP Tobias**  
**2)SATTEL Timo Frederik**  
**3)BIEDERER Sven**  
**4)BUZUG Thorsten Manuel**

(57) Abstract :

The present invention relates to an apparatus and a method for generating and changing a magnetic field in a field of view (28), said magnetic field having a, in particular ball-shaped or line-shaped, first sub-zone (62) having a low magnetic field strength and a second sub-zone (64) having a higher magnetic field strength. The proposed apparatus comprises at least three pairs of first coils (136a 136d), wherein the coils are arranged along a ring around the field of view and wherein the two coils of each pair are oppositely arranged on opposite sides of the field of view, at least one pair of second coils (116) oppositely arranged on opposite sides of the field of view at the open sides of said ring, generator means (110, 130) for generating current signals for provision to said first and second coils for generating the desired magnetic fields by said first and second coils, and control means (150) for controlling said generator means.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1385/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification

:F01L

(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 :

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(72)Name of Inventor :

**1)NAGARAJA, KRISHNABHATTA**

(57) Abstract :

An internal combustion engine (100) is described herein. In an embodiment, the internal combustion engine (100) includes a first engine casing (102) and a second engine casing (104) detachably coupled to the first engine casing (102). The first engine casing (102) houses a crankshaft (114) and a camshaft (150). The crankshaft (114) is coupled to the camshaft (150) to drive the camshaft (150). The second engine casing (104) houses a transmission assembly (173) coupled to the camshaft (150) to receive a drive from the camshaft (150). Further, an output shaft (172) of the transmission assembly (173) provides an output drive.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1386/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPTIMIZED MULTI-ROOT INPUT OUTPUT VIRTUALIZATION AWARE SWITCH

(51) International classification

:H04L

(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

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Filing Date

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**4)MEDEME, NAGA MURALI**

**5)KANAKARAJ, PAULRAJ**

**6)VAIDYA, TAPAN**

(57) Abstract :

In one implementation, an optimized multi-root input-output virtualization (MRIOV) aware switch configured to route data between multiple root complexes and I/O devices is described. The MRIOV aware switch may include two or more upstream ports and one or more downstream ports. Each of an upstream port and a downstream port may include a media access controller (MAC) configured to negotiate link width and link speed for exchange of data packets between the multiple root complexes and the I/O devices. Each of an upstream port and a downstream port may further include a clocking module configured to dynamically configure a clock rate of processing data packets based one or more negotiated link width and negotiated link speed, and a data link layer (DLL) coupled to the MAC configured to operate at the clock rate, wherein the clock rate is indicative of processing speed.

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1458/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PREPARATION OF BAZEDOXIFENE AND ITS SALTS

(51) International classification :C07D

(31) Priority Document No :1996/CHE/2009

(32) Priority Date :21/08/2009

(33) Name of priority country :India

(86) International Application No :PCT/US2010/046091

Filing Date :20/08/2010

(87) 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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**5)China Malakondaiah Golla**

**6)Vagwala Raghunath**

**7)Karri Vijaya Kumar**

**8)Akula Swapna**

(57) Abstract :

Processes for preparing bazedoxifene and its pharmaceutically acceptable salts substantially free from process related impurities and process intermediates.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1527/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING DIMMING LEVELS OF LEDS

(51) International classification :H05B33/08

(31) Priority Document No :61/236998

(32) Priority Date :26/08/2009

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

(86) International Application No :PCT/IB2010/053729

Filing Date :18/08/2010

(87) 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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**1)CLAUBERG Bernd**

**2)GREISCHAR Richard**

**3)SHROTRIYA Ameya**

(57) Abstract :

Circuits useful in achieving efficient current control of LEDs based on a dimming control input are described. The circuits use a combination of PWM dimming and analog dimming to achieve a highly efficient LED driver over a wide range of dimming from near 0% to 100% light output.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1528/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : COGNITIVE IDENTIFIER ASSIGNMENT FOR LIGHT SOURCE CONTROL

(51) International classification :H05B37/02

(31) Priority Document No :09168837.4

(32) Priority Date :27/08/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053819

Filing Date :25/08/2010

(87) 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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**3)PENNING DEVRIES Hendricus Theodorus Gerardus  
Maria**

**4)FERI Lorenzo**

(57) Abstract :

Coded light has been proposed to enable advanced control of light sources and transmit information using light sources. Methods devices and systems configured to operate a coded lighting control system which is robust to interference from other sources of light are proposed. The method is based on sensing the light by a remote control device and based on the sensing result adapting the identifiers used by the different light sources. By assigning a code identifier to the light source based on light received by the light receiver the code identifiers may be selected such that the influence of light interfering with the light source identifiers may be mitigated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1529/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A CATHETER FOR OPEN-LOOP IRRIGATED ABLATION OF TISSUE

(51) International classification :A61B18/14  
(31) Priority Document No :09168911.7  
(32) Priority Date :28/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053834  
Filing Date :26/08/2010  
(87) 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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**3)BIERHOFF Waltherus Cornelis Jozef**  
**4)DELADI Szabolcs**  
**5)HARKS Godefridus Antonius**

(57) Abstract :

The present invention relates to a catheter (20) adapted for open-loop irrigated ablation such as RF ablation of a tissue (40). Said catheter has a distal tip (22) with an ablation entity (15) adapted for performing ablation of the tissue an irrigation hole (21) and an ultrasound transducer (5) adapted for transmitting and/or receiving ultrasonic waves. The ultrasound transducer is disposed behind or in the irrigation hole of the catheter so as to allow an irrigation fluid to flow out of the irrigation hole and so as to allow transmitting and/or receiving the ultrasonic waves through the irrigation hole. The invention also relates to an imaging system and to a corresponding method for operating a catheter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1178/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : TREATING PATIENTS WITH INTRAVENOUS IBUPROFEN

(51) International classification :A61K31/19

(31) Priority Document No :61/225,778

(32) Priority Date :15/07/2009

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

(86) International Application No :PCT/US2010/036015

Filing Date :25/05/2010

(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

(71)**Name of Applicant :**

**1)CUMBERLAND PHARMACEUTICALS INC.**

Address of Applicant :2525 West End Ave. Ste. 950  
Nashville TN 37203 U.S.A.

(72)**Name of Inventor :**

**1)Leo PAVLIV**

**2)Amy Dix ROCK**

(57) Abstract :

Methods of treating a patient in need thereof, comprising administering to the critically ill patient an intravenous pharmaceutical composition comprising ibuprofen in an amount effective to treat at least one condition in the patient chosen from pain, inflammation, and fever and to provide a clinically relevant effect on mean arterial pressure of the patients during the dosage interval comprising no increase or no statistically significant increase in mean arterial pressure..

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.125/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CHARGING APPARATUS

(51) International classification	:H01H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-007016	<b>1)KABUSHI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:17/01/2011	Address of Applicant :2-1, KUROSAKI-SHIROISHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)KAZUO OKABAYASHI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)YASUJI FUKUDA</b>
Filing Date	:NA	<b>3)KENGO NAGAMITSU</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A charging apparatus holding an added value besides a charging function is provided. The charging apparatus 10 for charging electric power supplied from a power source to a charging target includes a station section 30 configured to supply the electric power to the charging target. The station section 30 includes a base 32 extending in a vertical direction and a protrusion 34 fixed to a part of the base 32 and protruding frontward than the base 32. Space FS for disposing at least one article is formed on at least one of the upper side and the lower side of the protrusion 34.

No. of Pages : 31 No. of Claims : 8



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1323/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : REMOTE CONTROL DEVICE OF AN ELECTRIC EQUIPMENT UNIT AND METHOD FOR IMPLEMENTATION OF THIS DEVICE

(51) International classification	:G08C 17/00	(71) <b>Name of Applicant :</b> <b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(31) Priority Document No	:11 01077	Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France
(32) Priority Date	:08/04/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:France	<b>1)VIGOUROUX, DIDIER</b>
(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 object of the present invention is to provide a remote control device of an electric equipment unit comprising a remote control (1) comprising at least one actuating button (5,6) of the mechanism of the equipment unit by means of transmission means provided partly in the remote control (1) and partly in the control interface of the equipment unit. This device is characterized in that it comprises a dongle (2) designed to be inserted in the control interface of the equipment unit to be connected to the mechanism by a connector, said dongle being commanded by the remote control (1) and being designed to transmit the control orders between the remote control and the mechanism of the equipment unit, said dongle being stowed in a location (7) provided for this purpose inside the remote control housing after use.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS AND APPARATUS FOR USE IN EFFICIENTLY SCANNING FOR WIRELESS NETWORKS BASED ON APPLICATION TYPE

(51) International classification	:H04W 84/00	(71)Name of Applicant : <b>1)RESEARCH IN MOTION LIMITED</b>
(31) Priority Document No	:11162666.9	Address of Applicant :295 PHILLIP STREET,
(32) Priority Date	:15/04/2011	WATERLOO, ONTARIO, N2L 3W8 Canada
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)KHOLAIF AHMAD MOHAMMAD MOHAMMAD</b>
Filing Date	:NA	<b>2)RAWLINS RUDY EUGENE</b>
(87) International 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 mobile communication device invokes a first application or a second application. When the first application is invoked, the mobile device scans to search for one or more WLANs identified in a first subset of WLAN profiles. When the second application is invoked, the mobile device scans to search for one or more WLANs identified in a second subset of WLAN profiles. The first application may be a messaging application, such as a personal information manager (PIM) application, which may utilize WLANs having external network connectivity. The second application may be a streaming media application, which may utilize WLAN appliances having no external network connectivity. Alternatively, the second application may be a conference meeting application or military application which may utilize ad hoc networks having no external network connectivity.

No. of Pages : 40 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1535/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CALCULATING LAYER 2 LOAD CONDITIONS IN A WIRELESS COMMUNICATION NETWORK

(51) International classification :H04W  
(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)SAMSUNG INDIA SOFTWARE OPERATIONS  
PRIVATE LIMITED**  
Address of Applicant :Bagmane Lakeview Block B No.  
66/1 Bagmane Tech Park C V Raman Nagar Byrasandra  
Bangalore 560093 Karnataka India

(72)**Name of Inventor :**  
**1)JAMADAGNI Nanjunda Swamy Satish**  
**2)JEONG Kyeong in**  
**3)LIESHOUT Gert-Jan van**

(57) Abstract :

The present invention provides a system and method for calculating Layer 2 load conditions in a wireless communication network. In one embodiment, Layer 2 load conditions are measured based on multi-media broadcast over a single frequency network (MBSFN) subframe, absolute blank subframe (ABS) and relay node (RN) configurations information. The present method provides L2 measurements based on RN as the physical resource blocks (PRB) usage measurements for different traffic classes are separated for RNs and UEs in the Donor eNodeB (DeNB).

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1449/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF SILODOSIN

(51) International classification	:C07D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ORCHID CHEMICALS &amp; PHARMACEUTICALS</b>
(32) Priority Date	:NA	<b>LTD</b>
(33) Name of priority country	:NA	Address of Applicant :ORCHID TOWERS, 313,
(86) International Application No	:NA	VALLUVAR KOTTAM HIGH ROAD, NUNGAMBAKKAM,
Filing Date	:NA	CHENNAI - 600 034 Tamil Nadu India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)REGURI BUCHI REDDY</b>
Filing Date	:NA	<b>2)VENKATESWAR GOUD</b>
(62) Divisional to Application Number	:NA	<b>3)NAGABUSHANAM NAGAMANI</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of Silodosin of formula (I). More particularly, the present invention provides the process for preparation of tartrate salt of 3-[7-cyano-5[(2R)-2-({2-[2-(2,2,2-trifluoroethoxy)phenoxy]ethyl}amino)propyl]-2,3-dihydro-1H-indol-1-yl}propyl benzoate of formula (IV), which is a precursor in the preparation of Silodosin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1517/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD FOR OPERATING A RADIO STATION IN A MOBILE NETWORK

(51) International classification :H04L5/00  
(31) Priority Document No :09168117.1  
(32) Priority Date :18/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053431  
Filing Date :28/07/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
**2)SHARP KABUSHIKI KAISHA**  
(72)**Name of Inventor :**  
**1)MOULSLEY Timothy James**  
**2)TESANOVIC Milos**  
**3)CHIAU Choo Chiap**  
**4)DAVIES Robert James**

(57) Abstract :

The present invention relates to a method for operating a secondary station comprising means for communicating with a primary station the method comprising receiving from the primary station an interference status report said interference status report comprising an spatial indication being representative of a spatial characteristic of the interference measuring channel characteristics on reference symbols and interpreting the measured channel characteristics with help of the interference status report.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1518/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : A LIGHTING DEVICE AND A LENS SUITABLE FOR SUCH A LIGHTING DEVICE

(51) International classification	:F21V7/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09168138.7	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:19/08/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053647	(72) <b>Name of Inventor :</b>
Filing Date	:12/08/2010	<b>1)HOLTEN Petrus Adrianus Josephus</b>
(87) International Publication No	: NA	<b>2)TORDINI Giorgia</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lighting device (1) comprises a light source (2) and a lens (3, 23, 33, 43, 53, 63) positioned in front of the light source (2). The lens (3, 23, 33, 43, 53, 63) is provided with a light entrance surface on a side facing the light source (2) and a light exit surface (14, 38) on a side remote from the light source (2). The lens (3, 23, 33, 43, 53, 63) comprises a number of strip-shaped interconnected elongated light guiding elements (4, 24, 34, 54, 64), of which first ends (7, 27, 37, 57) and spaced apart second ends (5, 25, 35, 55, 65) comprise the light entrance surface and light exit surface, respectively. Light beams emitted by the light source (2) are transmitted by total internal reflection in the elongated light guiding elements (4, 24, 34, 54, 64) from the first ends (7, 27, 37, 57) to the spaced apart second ends (5, 25, 35, 55, 65).

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1519/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN ELECTRONIC DEVICE AND A SUCTION CUP SUITABLE FOR SUCH AN ELECTRONIC DEVICE

(51) International classification	:F16B47/00
(31) Priority Document No	:09168126.2
(32) Priority Date	:19/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053740
Filing Date	:19/08/2010
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)VERHOEVEN Mark Johannes Antonius**  
**2)VAN HOOFF Willem Piet**

(57) Abstract :

An electronic device (21 31 41 51 61) comprises at least an electronic element (22 23) and at least a suction cup (1 52) for releasably attaching the electronic device (21 31 41 51 61) to a wall. The suction cup (1 52) comprises at least a flexible plastic cup (2 12) and at least one electromagnetic coil which is electrically connected to the electronic element. The flexible plastic cup (2 12) and the electromagnetic coil (3 13) are preferably concentric

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1583/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : THERMOPLASTIC RESIN SHEET AND LAMINATE

(51) International classification :B32B27/00  
(31) Priority Document No :2004-290488  
(32) Priority Date :01/10/2004  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2005/06673  
Filing Date :05/04/2005  
(87) International Publication No :WO/2006/038332  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :1345/CHENP/2007  
Filed on :05/04/2005

(71)Name of Applicant :

**1)SEKISUI CHEMICAL CO., LTD.**

Address of Applicant :4-4, NISHITEMMA 2-CHOME,  
KITA-KU, OSAKA-SHI, OSAKA 530-8565 Japan

(72)Name of Inventor :

**1)MATSUDO, MASAKI**

(57) Abstract :

The present invention relates to a thermoplastic resin sheet having a laminated structure including a first polyvinyl acetal resin layer (A) and a second polyvinyl acetal resin layer (B), characterized in that said first polyvinyl acetal resin layer(A) contains a plasticizer and a first polyvinyl acetal resin obtained via acetalization of polyvinyl alcohol with at least one aldehyde (a) selected from the group consisting of aldehydes having 4 -6 carbon atoms said second polyvinyl acetal resin layer (B) contains a plasticizer and a second polyvinyl acetal resin obtained via acetalization of polyvinyl alcohol with at least one aldehyde (b) selected from the group consisting of aldehydes having 1-3 carbon atoms said thermoplastic resin sheet has such a structure that the first polyvinyl acetal resin layer (A) is provided on each side of at least one second polyvinyl acetal resin layer (B); and said second polyvinyl acetal resin layer (B) has a degree of acetalization of at least 55 mole %.

No. of Pages : 86 No. of Claims : 24



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1587/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NASAL IRRIGATION DEVICE

(51) International classification

:A10G

(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)SHIH-KANG MEDICAL INSTRUMENTS CO., LTD.**

Address of Applicant :NO.13, LANE 187, MINQUAN RD.,  
DANSHUI DIST., NEW TAIPEI CITY, R.O.C. Taiwan

(72)Name of Inventor :

**1)HUANG, KO-WEN**

(57) Abstract :

The nasal irrigation device has a container (10), a cover (20), a spout (30) and a cap (33). The container (10) has a neck (11) and a tail (12). The cover (20) is mounted detachably on the neck (11) of the container (10) and has a pressure adjusting hole (21). The spout (30) is mounted detachably on the tail (12) of the container (10) and has a connecting tube (31) connected to a guiding tube (32). The guiding tube (32) has a nozzle (320). The cap (33) is mounted detachably on the nozzle (320) of the guiding tube (32) of the spout (30). Therefore, the nasal irrigation device can be cleaned conveniently because all the components can be easily disassembled. Besides, the cap (33) can plug the nozzle (320) to stop a saline solution inside the container (10) from spouting out and also can keep the nozzle (320) clean.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1587/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ILLUMINATION DEVICE WITH POWER SOURCE

(51) International classification :H01L27/32  
(31) Priority Document No :09169124.6  
(32) Priority Date :01/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053874  
Filing Date :30/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)PASVEER Willem F.**  
**2)LIFKA Herbert**

(57) Abstract :

The invention relates to an illumination device (1000) comprising an at least partially transparent solar cell (200) that is arranged at the back side of an at least partially transparent light source (100). Preferably the light source (100) is an OLED that is structured into a plurality of electroluminescent zones (131) and inactive zones (132). The electroluminescent zones are preferably aligned with reflective zones (311) of a mirror layer (310) that is disposed between the light source (100) and the solar cell (200).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1588/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HIGH SPECTRAL RESOLUTION COLOR SENSOR USING NON-DISPERSIVE ELEMENTS

(51) International classification	:G01J3/36	(71)Name of Applicant :
(31) Priority Document No	:09169140.2	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:01/09/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053809	(72)Name of Inventor :
Filing Date	:25/08/2010	<b>1)GOMMANS Hendrikus H. P.</b>
(87) International Publication No	: NA	<b>2)KRIJN Marcellinus P. C. M.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)CORNELISSEN Hugo J.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes a light sensor (1) comprising a filter arrangement (11), which filter arrangement (11) comprises a number of spectral filters (F1, F2, ..., Fn) for filtering incident light (L), wherein a spectral filter (F1, F2, ..., Fn) is realized to pass a distinct component of the incident light (L), an aperture arrangement (12) for admitting a fraction of the incident light (L), and a sensor arrangement (13) realized to collect the admitted filtered light (L'), which sensor arrangement (13) comprises an array of sensor elements (130) for generating image-related signals (S, S1, S2, ..., Sn) and which sensor array is sub-divided into a number of regions (R1, R2, ..., Rn), wherein a region (R1, R2, ..., Rn) of the sensor array is allocated to a corresponding spectral filter (F1, F2, ..., Fn) such that an image-related signal (S) generated by a sensor element (130) of a particular region (R1, R2, ..., Rn) comprises information pertaining to the direction of origin and/or the spectral composition of the light passed by the corresponding spectral filter (F1, F2, ..., Fn). The invention further describes a light sensor device (10) for determining the direction of origin and/or the spectral composition of light (L) incident at the light sensor device (10), a method of collecting incident light (L), and a method of determining the direction of origin and/or the spectral composition of incident light (L).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1589/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOUNTING STRUCTURE FOR AN OIL LEVEL GAUGE

(51) International classification	:G01L 19/00	(71)Name of Applicant : <b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2- CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(31) Priority Document No	:2011- 096773	(72)Name of Inventor : <b>1)AKIYAMA, YOSHIHIRO</b> <b>2)MATSUOKA, TAKAHIRO</b>
(32) Priority Date	:25/04/2011	
(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 :

The invention provides a mounting structure for an oil level gauge that can avoid the damaging of a seal section of the level gauge insertion hole. The level gauge insertion hole (15) includes an introduction section (41), a seal section (42) and a reduced diameter section (45) in that order from an outer open end thereof. The seal section consists of a smooth hole having a constant inner diameter D2 which is greater than the outer diameter (Di) of the insertion portion (34) and small than the outer diameter DO of an O-ring (25) which is fitted around the insertion portion. The inner peripheral surface of the seal section (42) is located outside of a tapered conical plane (St) defined by connecting an outer open end (41a) of the introduction section (41) and an inner edge (43a) of the reduced diameter section (43).

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1188/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC VEHICLE

(51) International classification	:B60G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-081259	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:31/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-
(33) Name of priority country	:Japan	CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KAWAGUCHI, ATSUSHI</b>
(87) International Publication No	: NA	<b>2)KOBAYASHI, YOSHITAKA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NAKASHIMA, MASAHIRO</b>
Filing Date	:NA	<b>4)TOMINAGA, TAKASHI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To provide an electric vehicle in which weight balance is easily achieved and which allows an improvement in the operational efficiency of mounting, removal, and replacement of a wheel and a motor. [Solution] An electric vehicle (10) includes a double-sided swing arm (14) that supports a motor shaft (16a), an axle (52), and a wheel (90) by supporting a motor (16) on one side of the wheel (90) and a reduction mechanism (160) on the other side of the wheel (90) . In this case, the swing arm (14) is composed of, on the one side of the wheel (90), plural separable arm portions (42, 44, 44a, 44b, 92, 94) . The arm portions (42, 44, 44a, 44b, 92, 94) have respective separation points on an outside or outer periphery of a rear wheel (WR) including at least the wheel (90).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1189/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC VEHICLE

(51) International classification	:B60G	(71)Name of Applicant :
(31) Priority Document No	:2011-081263	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:31/03/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)NAKASHIMA, MASAHIRO</b>
Filing Date	:NA	<b>2)KAWAGUCHI, ATSUSHI</b>
(87) International 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 :

[Problem to be Solved] To provide an electric vehicle capable of Protections a coupling portion between a wheel and an axle from disturbance [Solution] An electric vehicle (10) includes an axle (52) that is hollow cylindrical shaft passing substantially coaxially through a wheel (90) in a manner extending from both sides of the wheel (90) . A motor shaft (16a) is inserted into a hollow portion of the axle (52) substantially coaxially with the axle (52) in a manner extending from both ends of the axle (52) . In this case a motor (16) is connected to a base end of the motor shaft (16a) extending from one end of the axle (52) . Between the wheel (90) and the motor (16) , there are provided a coupling portion (192) for coupling between the one end of the axle (52) and the wheel (90) , and a labyrinth structure (190) for sealing between the wheel (90) and the motor (16) in a manner surrounding the coupling portion (192).

No. of Pages : 67 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1411/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A WEARABLE ARTICLE HAVING A STRETCHABLE SEGMENT

(51) International classification	:A43B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)THAIKATTIL JOSE</b>
(32) Priority Date	:NA	Address of Applicant :THAIKATTIL HOUSE,
(33) Name of priority country	:NA	TIRURANGADI P.O. Kerala India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)THAIKATTIL JOSE</b>
(87) International 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 enables strong elastic members to be used along with wearable articles such as footwear. This is achieved by providing stopper means that halts the contraction of the elastic provided on the wearable article.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1412/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION FROVATRIPTAN

(51) International classification

:C07D

(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

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**1)ORCHID CHEMICALS & PHARMACEUTICALS LTD**

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(72)**Name of Inventor :**

**1)REGURI BUCHI REDDY**

**2)UPPARAPALLI SAMPATH KUMAR**

**3)KUNCHITHAPATHAM THIRUMURUGAN**

**4)SAMBASHIVAM THIYAGARAJAN**

**5)MUNUSAMY SURESH**

(57) Abstract :

The present invention relates to an improved process for the preparation of Frovatriptan of formula (I) and its enantiomers, particularly R-enantiomer.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1593/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT-EMITTING ELECTRONIC TEXTILE WITH IMPROVED LIGHT DIFFUSION

(51) International classification :G09F21/02

(31) Priority Document No :09169404.2

(32) Priority Date :03/09/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053679

Filing Date :16/08/2010

(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)UBAGHS Guy Wilhelmus Marie**

**2)BHATTACHARYA Rabin**

(57) Abstract :

A light-emitting electronic textile (2) comprising a flexible component carrier (3) having a plurality of light-sources (4a c) arranged thereon; a cover textile (5) arranged to allow passage through the cover textile (5) of light emitted by the light-sources (4a c); and a light-diffusing member (6) arranged between the light-sources (4a c) and the cover textile (5). The light-diffusing member (6) comprises a layered structure formed by a plurality of light-diffusing layers (12a c; 16a b; 19a c) wherein adjacent light-diffusing layers in the layered structure are spaced apart at least in portions of the light-diffusing member (6) corresponding to positions of the light-sources (4a c).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1347/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PERIPHERAL DEVICE SHARING IN MULTI HOST COMPUTING SYSTEMS

(51) International classification

:G06F

(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 :

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Andhra Pradesh India

(72)Name of Inventor :

**1)KANIGICHERLA, BALAJI**

**2)TANDABOINA, KRISHNA MOHAN**

**3)VOLETI, SIVA RAGHURAM**

**4)CHETTIAR, CHANDRA KUMAR**

**5)DOMMETI, SURYA NARAYANA**

**6)ARUMILLI, KISHOR**

(57) Abstract :

The present subject matter discloses methods and systems of sharing of peripheral devices in multi host computing systems (100). In one implementation, the method of sharing a peripheral device (116) amongst a plurality of hosts of the multi-host computing system (100) comprises receiving a request to switch the peripheral device (116) from a first operating system running on a first host from amongst the plurality of hosts to a second operating system running on a second host from amongst the plurality of hosts; generating a request for the first operating system to relinquish control of the peripheral device (116); determining the status of the relinquishment based on response generated by the first operating system; initiating a request for the second operating system to install a device driver for the peripheral device (116) upon determining successful relinquishment; and transferring ownership of the peripheral device (116) to the second operating system.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1347/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : NON-MAGNETIC HIGH VOLTAGE CHARGING SYSTEM FOR USE IN CARDIAC STIMULATION DEVICES

(51) International classification	:A61N1/39	(71)Name of Applicant :
(31) Priority Document No	:61/232813	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:11/08/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053152	(72)Name of Inventor :
Filing Date	:09/07/2010	<b>1)CONSIGLIO Ronald P.</b>
(87) International Publication No	: NA	<b>2)CATES Harold J.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cardiac defibrillator comprises electrical wires or terminals (24) connected with or configured to connect with defibrillation electrode pads (22) and an electrical circuit (32 32a 32b) including an electrical storage element (52) and a piezoelectric transformer (50) arranged to charge the electrical storage element to a voltage effective for delivering a cardiac defibrillation shock. The electrical circuit is configured to discharge the electrical storage element across the electrical wires or terminals to deliver a cardiac defibrillation shock to the electrical wires or terminals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.142/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FLOW-OPTIMIZED HOUSING ON THE FRONT WINDSCREEN OF A MOTORVEHICLE

(51) International classification	:B60J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2011	<b>1)MAN Truck &amp; Bus AG</b>
(32) Priority Date	008 969.1	Address of Applicant :Dachauer Str. 667 80995 M <sup>u</sup> nchen
(33) Name of priority country	:20/01/2011	Germany
(86) International Application No	:Argentina	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ROHRMLLER Hans</b>
(87) International Publication No	: NA	<b>2)GERLACH G<sup>u</sup>nter</b>
(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 passenger compartment element (1) of a motor vehicle having a housing (2) in which at least one electric and/or electronic functional component (8) is provided and which is arranged in the passenger compartment of the motor vehicle on or behind an inner side of a vehicle front windscreen (4) in a region through which an airstream which is directed at least in certain sections onto the inner side of the vehicle front windscreen (4) flows from an air outlet opening (7) at least temporarily. The passenger compartment element (1) according to the invention is distinguished in that the housing (2) has an outer contour which is rounded and fluidically optimized with respect to its being flowed around by the airstream directed onto the inner side of the vehicle front windscreen (4) flows, is larger than a cross-sectional surface lying in the flow-off region.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1625/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT EMITTING BIO-MIMICRY DEVICE

(51) International classification :H05B37/02  
(31) Priority Document No :61/236,107  
(32) Priority Date :23/08/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/002130  
Filing Date :29/07/2010  
(87) 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)PADULA Thomas**

Address of Applicant :860 Pedro Avenue Ben Lomond CA  
95005 U.S.A.

**2)CARDONE Autumn**

(72)**Name of Inventor :**

**1)PADULA Thomas**

**2)CARDONE Autumn**

(57) Abstract :

A system and method are provided for mimicking a bioluminescent signal from an animal or an insect such as a firefly. A first version includes a controller an electrical energy battery a solar energy collector and a light emitting device. The solar energy collector receives sunlight and converts the sunlight to electrical energy that is stored in the battery. The electrical energy battery provides electrical energy to the light emitting device under management by the controller and may comprise two or more battery cells or circuits. A time sequence for energizing the light emitting device may be applied to cause the light emitting device to mimic a bioluminescent lighting pattern generally exhibited by a selected species of insect or animal. A light emitting diode may be used with a voltage source and a voltmeter to detect the approximate intensity of light of an ambient environment surrounding the device.

No. of Pages : 45 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1590/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LED LAMP

(51) International classification :F21K99/00  
(31) Priority Document No :09169317.6  
(32) Priority Date :03/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053875  
Filing Date :30/08/2010  
(87) 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 :**  
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Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)RADERMACHER Harald J. G.**

(57) Abstract :

The invention relates to an LED lamp (1 1 1 1) comprising at least one light emitting diode (LED 2) arranged in a housing (3) and an isolation monitoring device (4) configured to determine a defect of the housing (3) and disconnect said at least one LED (2) from power in case said defect is detected to enhance the safety of the LED lamp (1 1<sup>TM</sup> 1<sup>TMTM</sup> 1<sup>TMTMTM</sup> 1) and reduce the risk of electric shock for a user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1591/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : NAVIGATION DEVICE, METHOD OF DETERMINING A HEIGHT COORDINATE AND METHOD OF GENERATING A DATABASE

(51) International classification	:G01C 21/00	(71)Name of Applicant :
(31) Priority Document No	:11 164 314.4	<b>1)HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH</b>
(32) Priority Date	:29/04/2011	Address of Applicant :BECKER-GORING-STRABE 16, 76307 KARLSBAD Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)VLADIMIR IVANOV</b>
Filing Date	:NA	<b>2)THOMAS FELDBAUER</b>
(87) International Publication No	: NA	<b>3)ALEXEY PRYAKHIN</b>
(61) Patent of Addition to Application Number	:NA	<b>4)PETER KUNATH</b>
Filing Date	:NA	<b>5)MAREK STRASSENBURG-KLECIAK</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A navigation device has a database which stores index data for respectively a tile (25) of a tiling. The index data includes for each one of plural cells of a grid which is superimposed on the tile respectively an identifier for each triangular face (26-39) of a triangulated irregular network which at least partially overlaps with the respective cell. The plural cells of the grid are defined so as to cover the respective tile (25). A processing device of the navigation device is configured to use the index data to determine a triangular face (26-39) on which a map feature having given lateral coordinates is located, in order to determine a height coordinate of the map feature. A method of determining height coordinates using the database and a method of generating the database are also described.

No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1591/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONTRALATERAL ARRAY BASED CORRECTION OF TRANSCRANIAL ULTRASOUND ABERRATION

(51) International classification :G10K11/34  
(31) Priority Document No :61/239455  
(32) Priority Date :03/09/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053822  
Filing Date :25/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
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(72)Name of Inventor :  
**1)SHI William Tao**  
**2)VIGNON Francois Guy Gerard Marie**  
**3)POWERS Jeffry Earl**  
**4)ROBINSON Brent S.**  
**5)BURCHER Michael R.**  
**6)SHAMDASANI Vijay**

(57) Abstract :

Ultrasound aberration especially in transcranial imaging or therapy is corrected by capturing the laterally two-dimensional nature of the aberration in the ultrasound being received as by means of a two-dimensional receiving transducer array (104 108). In some embodiments transmissive ultrasound (164) is applied through the temporal window and is for example emitted from one or more real or virtual point sources (160) at a time each point source being a single transducer element or patch or the geometrical focus of a collection of elements or patches. A patch may serve in one aspect as a small focused transducer in the near field. A contralateral array (104 108) is in one version comprised of the point sources. In some aspects aberration maps structured independent-variable-wise to correspond to the array structure of the receiving transducer embody aberration estimates

No. of Pages : 46 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1592/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : THE SURROUNDVIEW SYSTEM CAMERA AUTOMATIC CALIBRATION-ONLY EXTRINSIC PARAMETERS

(51) International classification	:G03B 7/00
(31) Priority Document No	:11003828.8
(32) Priority Date	:10/05/2011
(33) Name of priority country	:EPO
(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 :**  
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Address of Applicant :BECKER-GORING-STR. 16, 76307  
KARISBAD Germany  
(72)**Name of Inventor :**  
**1)NATROSHVILI KOBA**

(57) Abstract :

A method for calibrating a camera system comprising a plurality of cameras having a predetermined intrinsic calibration, the cameras being provided on an object such as a vehicle and covering a surrounding perimeter of the object, comprising the steps of: positioning a set of markers spaced apart by known dimensions and located on a single plane in the surrounding perimeter of the object and in the field of view of a camera; then calculating extrinsic parameters of the camera from the respective set of markers for the camera; and repeating the steps for each of the other cameras of the plurality of cameras.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1592/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ULTRASOUND PROBE WITH LARGE FIELD OF VIEW AND METHOD FOR FABRICATING SUCH ULTRASOUND PROBE

(51) International classification :A61B8/00  
(31) Priority Document No :61/239497  
(32) Priority Date :03/09/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053858  
Filing Date :27/08/2010  
(87) 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 :  
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(72)Name of Inventor :  
**1)ROBINSON Andrew L.**

(57) Abstract :

An ultrasound transducer matrix array for an ultrasound probe having a large field of view both in azimuth and elevation direction is proposed. The ultrasound transducer matrix array (1<sup>TM</sup>) comprises a center region (11<sup>TM</sup>) and at least three branch regions (13) each comprising a 2-dimensional matrix array (5) of ultrasound transducer elements (3). The center region comprises at least three edges (15) from which the respective branch regions extend. Each branch region (13) is curved around an axis parallel to the edge (15) of the center region (11) from which the respective branch region (13) extends. With an ultrasound probe comprising such ultrasound transducer area with branch regions interconnected by a common preferably flat center region an ideal matrix array having a field of view with a spheroidal shape may be approximated.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.126/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRICAL INSTRUMENT

(51) International classification	:H02M	(71)Name of Applicant :
(31) Priority Document No	:2011-012113	<b>1)KABUSHI KAISHA YASKAWA DENKI</b>
(32) Priority Date	:24/01/2011	Address of Applicant :2-1, KUROSAKI-SHIROSHI,
(33) Name of priority country	:Japan	YAHATANISHI-KU, KITAYUSHU-SHI, FUKUOKA 806-
(86) International Application No	:NA	0004 Japan
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)ELJI MASUDA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electrical instrument is provided which can reduce a load applied to a cable connected to a drawable drawer portion. The electrical instrument includes a casing; a drawer portion in which a connection target to which at least one cable is connected is accommodated and which is configured to be drawable outside the casing; and a cable holding portion configured to hold the cable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1333/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-HOST NAND FLASH CONTROLLER

(51) International classification

:G11C

(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 :

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Andhra Pradesh India

(72)Name of Inventor :

**1)KANIGICHERLA, BALAJI**

**2)VOLETI, SIVA RAGHURAM**

**3)TANDABOINA, KRISHNA MOHAN**

(57) Abstract :

Described herein is a multi-host computing system (200) having multiple host processors running different operating systems. The described multi-host computing system (200) comprises a multi-host NAND flash controller (202) to allow sharing of a NAND flash device (108) among the multiple host processors. The described multi-host NAND flash controller (202) may include host interaction components, host command switching logic (310), and NAND command logic (316) to enable sharing of the NAND flash device (108).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1334/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-HOST PERIPHERAL CONTROLLER

(51) International classification

:G11C

(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

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(72)Name of Inventor :

**1)KANIGICHERLA, BALAJI**

**2)TANDABOINA, KRISHNA MOHAN**

**3)VOLETI, SIVA RAGHURAM**

**4)CHETTIAR, CHANDRA KUMAR**

**5)DOMMETI, SURYA NARAYANA**

**6)ARUMILLI, KISHOR**

(57) Abstract :

Described herein is a multi-host peripheral controller configured to allow a plurality of host processors to simultaneously access the I/O devices through one of a per-host dedicated system bus architecture and common system bus architecture. Such a bus architecture is one of AXI, AHB, PCI, PCIe, OCP, etc. The multi-host peripheral controller allows operating systems, running on the plurality of host processors, to operate asynchronously with minimal or no inter operating system dependency. For addressability, either address based or sideband signal based demarcation may be used.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1480/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF CRYSTALLINE INDOLINE DERIVATIVES AND ITS NOVEL PHARMACEUTICAL COMPOSITION

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MSN LABORATORIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :MSN LABORATORIES LIMITED
(33) Name of priority country	:NA	FACTORY: SY.NO.317 & 323, RUDRAM (VIL),
(86) International Application No	:NA	PATANCHERU (MDL), MEDAK (DIST), 502 329. Andhra
Filing Date	:NA	Pradesh India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)SRINIVASAN THIRUMALAI RAJAN</b>
Filing Date	:NA	<b>2)SAJJA ESWARAIAH</b>
(62) Divisional to Application Number	:NA	<b>3)VENKATESH MUMMADI</b>
Filing Date	:NA	<b>4)MADHU ELEVATHINGAL NICHOLAS</b>

(57) Abstract :

The present invention relates to a novel process for the preparation of crystalline 1-(3-hydroxypropyl)-5-[(2R)-({2-[2-[2-(2,2,2-trifluoroethoxy)phenoxy]ethyl}amino) propyl] -2,3-dihydro-1H-indole-7-carboxamide and its pharmaceutical composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1482/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPOSITIONS COMPRISING EXTRACTS OR FRACTIONS DERIVED FROM ANNONA SQUAMOSA FOR THE PREVENTION, TREATMENT OR CONTROL OF INFLAMMATORY AND METABOLIC DISORDERS

(51) International classification

:A61K

(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)LAILA NUTRACEUTICALS**

Address of Applicant :40-15-14, BRINDAVAN COLONY,  
LABBIPET, VIJAYAWADA-520 010 Andhra Pradesh India

(72)Name of Inventor :

**1)GOKARAJU, GANGA FAJU**

**2)GOKARAJU, RAMA RAJU**

**3)GOKARAJU, VENKATA KANAKA RANGA RAJU**

**4)GOLAKOTI, TRIMURTULU**

**5)BHUPATHIRAJU, KIRAN**

**6)ALLURI, VENKATA KRISHNA RAJU**

**7)SENGUPTA, KRISHANU**

(57) Abstract :

The invention discloses synergistic composition comprising at least one Annona squamosa derived component standardized to acetogenin compound(s) having , -unsaturated- -methyl- -lactone moiety in combination with at least one biologically active ingredient derived from plants, animals or microorganisms such as vitamins, amino acids, minerals, fibers, various plant and herbal extracts for the prevention, treatment, inhibition or controlling inflammation and/or metabolic disorders and other associated or related diseases. The invention further discloses the method of treating inflammation and/or metabolic disorders and other associated or related diseases.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1630/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MODULAR EXPONENTIATION METHOD AND DEVICE RESISTANT AGAINST SIDE-CHANNEL ATTACKS

(51) International classification	:G06F 7/00
(31) Priority Document No	:11305568.5
(32) Priority Date	:11/05/2011
(33) Name of priority country	:EPO
(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)THOMSON LICENSING**  
Address of Applicant :1-5 RUE JEANNE D'ARC, 92130  
ISSY LES MOULINEAUX France  
(72)**Name of Inventor :**  
**1)MARC JOYE**

(57) Abstract :

A modular exponentiation comprising iterative modular multiplications steps and taking as input a first modulus N, a secret exponent d and a base x. During at least one modular multiplication step aiming at computing a result c from two values a, b and the first modulus N so that  $c = ab \bmod N$ , a processor (120) takes as input the two values a, b and the first modulus N from which are obtained two operands a, b and a second modulus AT using operations with at most linear complexity - at least one of the two operands a, b is different from the two values a, b, and the two operands a, b are different when a is equal to b- so that the modular multiplication  $c = ab \bmod N$  from a side-channel viewpoint behaves like a modular squaring except for when a equals b. An intermediate result  $c = a, b \bmod AT$  is computed, and the result c is derived from the intermediate result c using an operation with at most linear complexity; and the result c is used in the modular exponentiation.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1146/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTORCYCLE TIRE

(51) International classification	:B60C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-083859	<b>1)SUMITOMO RUBBER INDUSTRIES, LTD.</b>
(32) Priority Date	:05/04/2011	Address of Applicant :6-9, WAKINOHAMA-CHO 3-CHOME, CHUO-KU, KOBE-SHI HYOGO 651-0072 Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)NAKAGAWA, MAMORU</b>
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 motorcycle tire is provided in each half of the tread portion with main and auxiliary oblique grooves. The main oblique grooves on both sides of the tire equator are staggered and have axially inner ends at a first axial distance of 1 to 4 mm from the tire equator. The auxiliary oblique grooves have axially inner ends at a second axial distance more than the first axial distance. The main oblique groove comprises an axially inner part inclining at an angle of not more than 30 degrees and a middle part inclining at a larger angle of from 25 to 70 degrees. The auxiliary oblique groove comprises an axially inner part inclining at an angle of 25 to 55 degrees and a middle part inclining at a larger angle of from 45 to 75 degrees, each angle with respect to the tire circumferential direction.

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1147/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICLE REAR STRUCTURE

(51) International classification :B60R  
(31) Priority Document No :2011-089550  
(32) Priority Date :13/04/2011  
(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

(71)**Name of Applicant :**  
**1)SUZUKI MOTOR CORPORATION**  
Address of Applicant :300 TAKATSUKA, MINAMI-KU,  
HAMAMATSU, SHIZUOKA, 432-8611 Japan  
(72)**Name of Inventor :**  
**1)TAKAHASHI, AKIRA**

(57) Abstract :

It is an object of the present invention to provide a vehicle rear structure that has a reduced weight and has an improved rigidity at the rear of the vehicle. The vehicle rear structure includes:- a roof back inner reinforcement 120 that is disposed in a first closed cross-section 114 defined by a roof panel 102 having a hinge attaching bearing surface 110 and a roof back inner member 112 extending in the vehicle width direction at the vehicle interior side of the roof panel 102, that is attached so as to span over a joint portion 118 between the roof back inner member 112 and a quarter inner member 116 and has a first bearing surface 122 in contact with the hinge attaching bearing surface 110 from the vehicle interior side; and a hinge reinforcement 132 that is disposed in a second closed cross-section 130 defined by the roof back inner reinforcement 120 and the roof back inner member 112, and that has a second bearing surface 134 in the shape of a rectangular wave in contact with the first bearing surface 122 from the vehicle interior side.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1215/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A COMPUTER IMPLEMENTED METHOD AND SYSTEM FOR CUSTOMIZING A UNIFIED MODELLING LANGUAGE TOOL

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INFOSYS TECHNOLOGIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)JERIN JEYA SINGH ANTONY REETHAL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)BABU N S</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application relates to a computer implemented method and system for customizing a Unified Modelling Language (UML) tool for supporting a software application wherein the UML tool is implemented on a first software platform and the software application is implemented on a second software platform. The method includes mapping elements of the software-application to a stereotype in the UML tool, configuring properties of the stereotype from the property set of the element and configuring features of the stereotype by using a script language of the UML tool.

No. of Pages : 16 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1430/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A COMPOSITION FOR FADING FABRIC

(51) International classification

:C11D

(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)RESIL CHEMICALS PVT, LTD.**

Address of Applicant :NO.28 & 30, BCIE, OLD MADRAS  
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India

(72)Name of Inventor :

**1)KUMAR VIJAY**

**2)RAJAMMA LAKSHMI**

**3)RAMGOPAL ARJUN**

**4)SRINIVASAN GANESH**

(57) Abstract :

A fading composition comprising at least one titanium based compound; in an amount ranging between 1 wt% and 5 wt%; a binding agent in an amount ranging between 2 wt% and 80 wt%; a wetting agent in an amount ranging between 2 wt% and 60 wt% and a vehicle optionally with at least one additive.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1636/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PICTORIAL REPRESENTATION OF DATA

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)RUPANAGUDI RAVI SHANKAR</b>
(32) Priority Date	:NA	Address of Applicant :HOUSE NO.3-4-1005/A,
(33) Name of priority country	:NA	BARKATPURA, HYDERABAD, 500 027 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)RUPANAGUDI RAVI SHANKAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for providing a pictorial representation of data includes a geographic database and a geographic database configured to store the geographical data of multiple locations and to store alpha numerical information of predefined categories corresponding to the multiple locations. A query processor connected to the geographic database and the non geographic data base executes queries run by an administrator and the user. The login module includes a data log file and a error log file configured to update the geographic database and the non geographic database corresponding to the queries and the application server enables the administrator and the user to update the data log file and the error log file.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1589/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : POWER SUPPLY SYSTEM FOR ELECTRONIC LOADS

(51) International classification :H02M1/10  
(31) Priority Document No :09169112.1  
(32) Priority Date :01/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053810  
Filing Date :25/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)RADERMACHER Harald J. G.**

(57) Abstract :

The invention relates to a power supply system and a method for providing a load (L) with electrical power from either a first or a second AC grid source (10L, 10H) that supply different first and second AC voltages, respectively. In a particular example, said grid sources may belong to the US and the European mains, respectively, and the load may be a lamp with mains compatible LEDs (Ch1-Ch4). The power supply system comprises a first and a second connector device (30L, 30H) for connecting a converter circuit (20) to the first or the second AC grid source (10L, 10H), respectively. Moreover, the second connector device (30H) comprises a transformation circuit (D1-D4) for transforming the second AC voltage such that it yields a similar output voltage of the converter circuit (20) as the first AC voltage. In a particular example, the converter circuit (20) may comprise a rectifier (D5-D8, C1, C2) with voltage doubling function, and the second connector device (30H) may comprise a rectifier (D1-D4) while the first connector device (30L) is a simple cable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.159/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SOLID-STATE IMAGE PICKUP DEVICE AND METHOD FOR MANUFACTURING SOLID-STATE IMAGE PICKUP DEVICE

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:2011-026346	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:09/02/2011	Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)SAWAYAMA, TADASHI</b>
Filing Date	:NA	<b>2)IKAKURA, HIROSHI</b>
(87) International Publication No	: NA	<b>3)KONDO, TAKAHARU</b>
(61) Patent of Addition to Application Number	:NA	<b>4)ETO, TORU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for manufacturing a solid-state image pickup device that includes a substrate including a photoelectric conversion unit and a waveguide arranged on the substrate, the waveguide corresponding to the photoelectric conversion unit and including a core and a cladding, includes a first step and a second step, in which in the first step and the second step, a member to be formed into the core is formed in an opening in the cladding by high-density plasma-enhanced chemical vapor deposition, and in which after the first step, in the second step, the member to be formed into the core is formed by the high-density plasma-enhanced chemical vapor deposition under conditions in which the ratio of a radio-frequency power on the back face side of the substrate to a radio-frequency power on the front face side of the substrate is higher than that in the first step.

No. of Pages : 66 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1659/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FETCH LESS INSTRUCTION PROCESSING (FLIP) COMPUTER ARCHITECTURE FOR CENTRAL PROCESSING UNITS (CPU)

(51) International classification

:G06Q

(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 :

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(72)Name of Inventor :

**1)Narain Attili**

(57) Abstract :

A system and method for enabling a personal diet management service is disclosed. The system enables users to communicate with the system and receive recommendations throughout the day. The system recommends recipes and restaurants serving the recipes based on a plurality of factors comprising of the calorie and nutrient intake of the person for each meal, identified deficiencies based on the recommended daily intake among others. The system also allows user to communicate with restaurants for reserving tables and specifying any further requests.

No. of Pages : 44 No. of Claims : 16



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1660/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR A PERSONAL DIET MANAGEMENT

(51) International classification

:G06Q

(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 :

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(72)Name of Inventor :

**1)Srikanth Krishna**

(57) Abstract :

A system and method for enabling a personal diet management service is disclosed. The system enables users to communicate with the system and receive recommendations throughout the day. The system calculates the calorie and nutrient intake of the person for each meal identifies deficiencies based on the recommended daily intake and recommends recipes and restaurants serving the recipes. The system also allows user to communicate with restaurants for reserving tables and specifying any further requests.

No. of Pages : 52 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1341/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SELECTIVE COMPENSATION FOR AGE-RELATED NON UNIFORMITIES IN DISPLAY

(51) International classification :G09G5/00  
(31) Priority Document No :09305746.1  
(32) Priority Date :11/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053547  
Filing Date :05/08/2010  
(87) 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 :**  
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Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)VAN HEESCH Franciscus Hendrikus**  
**2)KLOMPENHOUWER Michiel Adriaanszoon**  
**3)BELIK Oleg**

(57) Abstract :

A video signal compensator (10 70 80 290) for selectively compensating for age-related non-uniformities in a display receives an indication of motion or detects motion in an incoming video signal and receives or determines an indication of amounts of compensation for the different parts of the display needed to compensate for the non-uniformities. The compensator selectively applies the needed amount of compensation to the video signal according to the indicated motion to apply less of the needed compensation where there is less motion over at least some of the range of possible motions. This can reduce the drive levels at least where the non uniformities are less visible because of the motion in the video. The reduced drive levels can lead to less ageing and thus prolong display life. The amounts of needed compensation can be predicted or determined from measured outputs of pixels of the display.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1544/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : INFORMATION PROVIDING APPARATUS, INFORMATION PROVIDING METHOD, AND PROGRAM

(51) International classification	:G01C21/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-094940	<b>1)SONY CORPORATION</b>
(32) Priority Date	:21/04/2011	Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)KAZUNORI NOMURA</b>
Filing Date	:NA	<b>2)SATORU INOUE</b>
(87) International Publication No	: NA	<b>3)SHIGEHARU KONDO</b>
(61) Patent of Addition to Application Number	:NA	<b>4)SATOSHI NAGATA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided an information providing apparatus including a course information acquiring unit that acquires course information to which position information indicating positions of a predetermined plurality of spots and order information indicating an order of each spot are set, a photo acquiring unit that acquires photos taken in a predetermined area including the spots, a map making unit that makes a map where marks indicating the plurality of spots are displayed on the basis of the position information set to the course information, and a display control unit that sequentially sets the plurality of spots as display objects according to the order information set to the course information and causes a display unit to display the photos taken in the spots set as the display objects and a map of a predetermined range including the marks indicating the spots.

No. of Pages : 40 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1619/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HERBAL CONTRACEPTIVE FORMULATIONS

(51) International classification

:A61K

(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)HLL LIFECARE LIMITED**

Address of Applicant :LATEX BHAVAN POOJAPURA  
THIRUVANANTHAPURAM-695 012 Kerala India

(72)Name of Inventor :

**1)DR. ABI SANTHOSH APREM**

**2)SIJO JOY EDAPULLY**

**3)MALU S NAIR**

(57) Abstract :

A novel herbal contraceptive formulation for the delivery of spermicidal and anti-trichomonas agent, Sapindoside B to the vaginal cavity is provided. Different pharmaceutical formulations namely muco-adhesive film, foaming pessary, soft gelatine capsule pessary, compressed pessary, gel, cream and saponin incorporated condom lubricant are prepared for the delivery of Sapindoside B. The present invention also relates to the non hormonal composition as it does not contain estrogen, progesterone, other steroids, or its derivatives. The novel pharmaceutical formulations act locally at the site of insertion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1679/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A LOAD DETECTION VALVE FOR THE LIFT AXLE CONTROL SYSTEM OF A MOTOR VEHICLE

(51) International classification

:F01L

(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

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ROAD,INDUSTRIAL ESTATE, AMBATTUR, CHENNAI -  
600 058 Tamil Nadu India

(72)Name of Inventor :

**1)SUNDARAMAHALINGAM SELVAMANI**

**2)NARAYANAN SREENIVASAN**

**3)ARUMUGHAM GANESAMOORTHY**

**4)SYED AZHAR JIFRI**

(57) Abstract :

A load detection valve for the lift axle control system of a motor vehicle comprising a cam for rotating in relationship to vehicle load; a graduating spring load variable by adjusting means; a split piston arrangement below which the delivery pressure acts against the graduating spring load; a bonded valve housed within the split piston arrangement; a cam follower for maintaining contact with the cam and actuating the bonded valve, such that when the load acting due to the delivery pressure, below the split piston, equals the graduating spring load, the bonded valve attains balanced position, providing the required delivery pressure corresponding to the vehicle load; the maximum delivery pressure being adjustable on varying the graduating spring load by the said means, thus integrating the function of a pressure reduction valve and a load sensing valve in the said load detection valve.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.141/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SPINNING MACHINE WITH COMPACTION DEVICE

(51) International classification	:D01H	(71)Name of Applicant :
(31) Priority Document No	:00101/11	<b>1)MASCHINENFABRIK RIETER AG</b>
(32) Priority Date	:20/01/2011	Address of Applicant :Klosterstrasse 20 CH-8406
(33) Name of priority country	:Argentina	Winterthur Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MAIER Ralf</b>
(87) International Publication No	: NA	<b>2)N.,GELI Robert</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SCHNEIDER Gabriel</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a covering device (42) for suction drums (9, 9a) of compaction devices of adjacent drafting system units (1) of a spinning machine, where the suction drums (9, 9a) are disposed coaxially on a longitudinal shaft (10) and have a ring-shaped opening (OE), in each instance, on their opposite sides, axially at a distance from one another, through which opening a suction insert (50, 50a), in each instance, connected with a suction source (P), projects into the interior (IR) of the suction drum, in each instance. In order to protect the interior (IR) of the suction drums (9, 9a) from contaminations and uncontrolled air streams, it is proposed that the covering device (42) is attached between the adjacent suction drums (9, 9a) and consists of covering elements (84, 85, 86, 87, 92, 93) that lie opposite one another and are connected with crosspieces (R1, R2, R3, R4, R5, R6, R7), which elements stand opposite the ring-shaped openings (OE) of the suction drums (9, 9a) that remain adjacent to the suction insert (59, 50a), in each instance, and cover these, at least in part.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1484/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : RELEASABLE LOCKING DEVICE FOR A FLYING VEHICLE INTENDED TO BE LAUNCHED FROM A PLATFORM

(51) International classification	:B64C25/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 01128	<b>1)DASSAULT AVIATION</b>
(32) Priority Date	:13/04/2011	Address of Applicant :9 ROND POINT DES CHAMPS
(33) Name of priority country	:France	ELYEES, MARCEL DASSAULT, 75008, PARIS France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CAPETTA, THIERRY</b>
(87) International 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 device according to the invention includes a housing (40) comprising a launch guide for the flying vehicle (16) from an initial position locked on the housing (40) and a launched position. It comprises a releasable locking assembly (42) for the flying vehicle (16) in the locked position, the locking assembly (42) comprising gripping members (60, 62) movably mounted relative to the housing (40) between a closed configuration in which they grasp a retaining member (30) of the flying vehicle (16) and an open configuration in which they release the flying vehicle (16). The locking assembly (42) comprises a mechanism (64) for elastically stressing the gripping members (60, 62) capable of stressing the first gripping member (60) toward the second gripping member (62) in the closed configuration to grip the retaining member (30) between the first gripping member (60) and the second gripping member (62).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1685/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MACHINE FOR CHARCOAL MAKING FROM COCONUT SHELLS (CONTINUOUS TYPE)  
CUM HOT AIR GENERATION

(51) International classification	:C10B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)T. RAJARAJAN
(32) Priority Date	:NA	Address of Applicant :153/1 - SABARI NAGAR,
(33) Name of priority country	:NA	TIRUCHENGODE ROAD, PALLIPALAYAM, ERODE - 638
(86) International Application No	:NA	008 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)T. RAJARAJAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel machine for making charcoal from coconut shells. It is a continuous type machine in which coconut shells are fed at the feeding end and simultaneously charcoal product is discharged out at the bottom of the other end of the machine. Charcoal produced from this machine will have good quality parameters than the charcoal produced form any other method like pit type or drum type. The machine that is designed for this process is made by both MS and SS material. It is driven by electric motor. This machine is also designed for hot air generation, which recovers heat from the machine and also from the flue gas. The hot air from the machine can be utilized for any drying applications like copra drying, desiccated coconut drying, coconut milk powder making, coir fiber, coir pith drying and also in any food products drying. Flue gas emits from the machine will not have carbon monoxide which is a major problem in pit type charcoal making process.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1686/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DERIVING A SERVICE LEVEL AGREEMENT FOR AN APPLICATION HOSTED ON A CLOUD PLATFORM

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INFOSYS TECHNOLOGIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE, 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)ANJANEYULU PASALA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SUMIT KUMAR BOSE</b>
Filing Date	:NA	<b>3)GANESAN MALAIYANDISAMY</b>
(62) Divisional to Application Number	:NA	<b>4)SRIDHAR MURTHY J</b>
Filing Date	:NA	

(57) Abstract :

Systems and methods for deriving a service level agreement for an application hosted on a cloud platform are defined. In accordance with at least one embodiment, deriving the service level agreement comprises packaging the application for deployment on a cloud platform, executing the packaged application in a sandboxed environment and capturing one or more application performance characteristics thereby, executing the packaged application in a sandboxed virtualized platform and further capturing one or more application performance characteristics thereby, mapping the one or more captured application performance characteristics to one or more service level objectives, and deriving a service level agreement on the basis of the one or more service level objectives, wherein the service level agreement comprises at least one of the one or more service level objectives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1524/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LUMINESCENT SOLAR ENERGY CONCENTRATOR WITH A NEW ARCHITECTURE

(51) International classification :H01L31/055  
(31) Priority Document No :09168603.0  
(32) Priority Date :25/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053744  
Filing Date :19/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)RONDA Cornelis R.**  
**2)DE BOER Dirk K. G.**

(57) Abstract :

A luminescent concentrator for solar light is provided. The luminescent concentrator comprises a wavelength-selective filter an energy concentrating area and a luminescent material. The wavelength-selective filter is adapted to pass the solar light and to reflect light emitted by the luminescent material. Further a method for concentrating solar light is provided. The method comprises the steps of (a) passing incident solar light through a wavelength-selective filter and an energy concentrating area onto a luminescent material and (b) converting the incident solar light in the luminescent material to light having a wavelength reflectable by the wavelength-selective filter. The method further comprises a step (c) of concentrating the converted light in a pre-determined area arranged between the wavelength-selective filter and the luminescent material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1525/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LED-BASED LIGHTING FIXTURES AND RELATED METHODS FOR THERMAL MANAGEMENT

(51) International classification	:H05B33/08
(31) Priority Document No	:61/236556
(32) Priority Date	:25/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/053708
Filing Date	:17/08/2010
(87) 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 :**  
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(72)**Name of Inventor :**  
**1)CAMPBELL Gregory**  
**2)SHIKH Igor**

(57) Abstract :

Disclosed is a light emitting diode (LED)-based lighting fixture including an LED and a voltage supply configured to provide electrical power to the LED. The LED-based lighting fixture also includes a temperature sensor configured to determine a temperature at a selected location of the lighting fixture; and a controller connected between the temperature sensor and the voltage supply and configured to determine an ambient temperature and a drive current based on the ambient temperature and to provide an input voltage to the LED based on the drive current. A method of controlling the operational lifetime of an LED a computer readable medium and an apparatus are also described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1526/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTICHANNEL LIGHTING UNIT AND DRIVER FOR SUPPLYING CURRENT TO LIGHT SOURCES IN MULTICHANNEL LIGHTING UNIT

(51) International classification :H05B33/08  
(31) Priority Document No :61/236569  
(32) Priority Date :25/08/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053734  
Filing Date :18/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)MOSS Timothy**

(57) Abstract :

A lighting unit includes at least two channels of light sources and a driver for the light sources. The driver includes a DC/DC converter and a control arrangement for controlling the current supplied to at least one of the two channels in response to a control signal produced by the DC/DC converter. Beneficially a feedback loop controls a switching device in the DC/DC converter to maintain the light level produced by the light sources at a desired level regardless of changes in the supply voltage and the load.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1712/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CLINICAL DECISION SUPPORT

(51) International classification :G06Q10/00

(31) Priority Document No :09169488.5

(32) Priority Date :04/09/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/053859

Filing Date :27/08/2010

(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1  
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(72)Name of Inventor :

**1)TRUYEN Roel**

**2)VERBEEK Alexander Adrianus Martinus**

(57) Abstract :

A system for clinical decision support comprises subsystems for identifying a plurality of patient information types used in a decision rule of a clinical decision support system; accessing at least one data repository for verifying presence of patient information elements relating to a particular patient; determining which of the patient information types used in the decision rule have corresponding patient information elements relating to the particular patient; and presenting an indication of completeness of the available information relating to the particular patient in view of the information types having corresponding patient information elements or the patient information types lacking corresponding patient information elements. The presenting may be performed by a medical imaging workstation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1530/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DETECTING RESPIRATORY INFORMATION

(51) International classification :A61B5/00  
(31) Priority Document No :200910170970.5  
(32) Priority Date :31/08/2009  
(33) Name of priority country :China  
(86) International Application No :PCT/IB2010/053894  
Filing Date :31/08/2010  
(87) 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 :**  
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Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)PINTER Robert**  
**2)SPEKOWIUS Gerhard**  
**3)YU Donghai**  
**4)REITER Harald**  
**5)SCHUPP Andreas**

(57) Abstract :

The invention proposes a method of detecting respiratory information of a user. The method comprises a step of instructing the user to perform on a device a movement reflecting his respiratory action; a step of generating by said device a signal reflecting said movement; and a step of deriving the user<sup>TM</sup>s respiratory information from said signal. By using this method the respiratory information is easily detected without attaching any sensor on the user<sup>TM</sup>s chest

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1531/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : BOOSTING/BLANKING THE FILAMENT CURRENT OF AN X-RAY TUBE

(51) International classification :G05G1/34  
(31) Priority Document No :09169005.7  
(32) Priority Date :31/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053837  
Filing Date :26/08/2010  
(87) 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 :**  
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(72)**Name of Inventor :**  
**1)STRIKER Timothy**  
**2)LEHMANN Thomas**

(57) Abstract :

For boosting/blanking the filament current of a cathode of an X-ray tube the temporal variation of the tube current of the X-ray tube is measured and stored in a first memory. Then an iterative boosting/blanking is performed wherein the boosting/blanking current is applied to the filament for a short time interval ( t), based on the stored temporal variation of the tube current the tube current after the short time interval ( T) is determined, and the tube current is stored in a second memory. Based on the stored temporal variation of the tube current it is determined if the tube current (IE) is less than a target value (IE2) thereof, and if so, the boosting/blanking current is applied to the filament for an additional time interval ( t), else it is determined that the tube current (IE) is equal to the target value (IE2). Therefore, the tube current (IE) after each time interval ( t) is known (may be determined from the tube current data stored in the second memory) such that the iterative boosting/blanking may be interrupted anytime.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1532/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INTERACTIVE COMPUTER-AIDED EDITOR FOR COMPENSATORS USED IN RADIOTHERAPY TREATMENT PLANNING

(51) International classification :G06F19/00

(31) Priority Document No :61/238322

(32) Priority Date :31/08/2009

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

(86) International Application No :PCT/IB2010/053156

Filing Date :09/07/2010

(87) 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 :

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Address of Applicant :GROENEWOUDSEWEG 1  
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(72)Name of Inventor :

**1)MELTSNER Michael A.**

**2)XIONG Ying**

**3)KAUS Michael**

(57) Abstract :

When constructing compensators for radiation therapy using ion or proton radiation beams a computer-aided compensator editing method includes overlaying an initial 3D compensator model on an anatomical image of a target mass (e.g. a tumor) in a patient along with radiation dose distribution information. A user manipulates pixels or voxels in the compensator model on a display and a processor automatically adjusts the dose distribution according to the user edits. The user iteratively adjusts the compensator model until the dose distribution is optimized at which time the optimized compensator model is stored to memory and/or output to a machining device that constructs a compensator from the optimized model.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1603/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : RA INHIBITOR COMPOUNDS AND METHODS OF USE THEREOF•

(51) International classification C07D  
(31) Priority document No :61/238,108  
(32) Priority Date :28/08/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2010/046970  
Filing Date :27/08/2010  
(87) 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)ARRAY BIOPHARMA INC.**  
Address of Applicant :3200 Walnut Street Boulder  
Colorado 80301 U.S.A.  
**2)GENENTECH INC.**  
(72)Name of Inventor :  
**1)ALIAGAS Ignacio**  
**2)GRADL Stefan**  
**3)GUNZNER Janet**  
**4)MATHIEU Simon**  
**5)RUDOLPH Joachim**  
**6)WEN Zhaoyang**  
**7)WENGLOWSKY Steven Mark**

(57) Abstract :

Compounds of Formula II are useful for inhibition of Raf kinases. Methods of using compounds of Formula II and stereoisomers tautomers prodrugs and pharmaceutically acceptable salts thereof for in vitro in situ and in vivo diagnosis prevention or treatment of such disorders in mammalian cells or associated pathological conditions are disclosed.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1715/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SCALABLE IMAGE CODING AND DECODING

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:H04N /26 :09169527.0 :04/09/2009 :EPO :PCT/IB2010/053780 :23/08/2010 : NA :NA :NA :NA :NA	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS (72) <b>Name of Inventor :</b> <b>1)VAN DER VLEUTEN Renatus Josephus</b>
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(57) Abstract :

The invention relates to a scalable video (de)coding method for wireless transmission of high definition television signals. Scalable means that the bitstream contains successively smaller quality refinements and that the bitstream can be truncated. The video images are divided in slices and each slice is divided in blocks of 8x8 pixels. For each block an optimal encoding method is chosen. Depending on whether the block is found to contain natural or synthetic image content transform coding (DCT) or graphic coding is applied. Because the different encoding modes have different properties as regards picture quality the bitstream format has to enable the encoder to very flexibly choose which bits to send first.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.140/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND ASSOCIATED METHOD&NBSP; FOR SELECTING INFORMATION DELIVERY MANNER USING FACIAL RECOGNITION

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:13/030,001	<b>1)Research In Motion Limited</b>
(32) Priority Date	:17/02/2011	Address of Applicant :295 Phillip Street Waterloo Ontario
(33) Name of priority country	:U.S.A.	N2L 3W8 Canada
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)HYMEL James Allen</b>
(87) International Publication No	: NA	<b>2)BYRD Thomas Edward</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PAUL-CAVALLIER Julien Camille</b>
Filing Date	:NA	<b>4)OCARROLL Finbarr Michael</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus and an associated method selects a manner by which to deliver received information at a wireless or other electronic device. A facial recognition indication is obtained and analyzed. Responsive to the analysis of the facial recognition indication selection is made of the manner by which to deliver the information. If the facial recognition indication indicates the recipient to exhibit a serious demeanor the information is provided in aural form thereby to permit delivery of the information without requiring the recipient to read or otherwise view the information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1476/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : COMPOSITION CONTAINING SPECIFIC CARBAMATE TYPE COMPOUNDS SUITABLE FOR PRODUCING POLYURETHANE FOAMS

(51) International classification	:C08G 71/00
(31) Priority Document No	:102011007468.6
(32) Priority Date	:15/04/2011
(33) Name of priority country	:Germany
(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)EVONIK GOLDSCHMIDT GMBH**  
Address of Applicant :GOLDSCHMIDTSTRASSE 100,  
45127 ESSEN Germany  
(72)**Name of Inventor :**  
**1)GLOS, MARTIN**

(57) Abstract :

The invention relates to compositions suitable for producing polyurethane foams which include at least an isocyanate component, a polyol component, a catalyst catalyzing the formation of a urethane or isocyanurate bond, optionally a blowing agent and further additives, which compositions are characterized in that they additionally include at least one compound containing at least one structural element of formula (I) a process for producing polyurethane foams using these compositions and also the use of the corresponding polyurethane foams.

No. of Pages : 42 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1676/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : DETERMINING POWER SOURCING EQUIPMENT WITH EXCESS POWER CAPACITY

(51) International classification

:G01R

(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)HEWLETT-PACKARD DEVELOPMENT COMPANY**

**L.P.**

Address of Applicant :11445 Compaq Center Drive West  
Houston TX 77070 U.S.A.

(72)Name of Inventor :

**1)Javed P Mohammed**

(57) Abstract :

Example embodiments disclosed herein relate to determining power sourcing equipment. A system includes multiple power sourcing equipment that can provide power to one or more powered devices via network connections. One or more of the power sourcing equipment with excess power capacity are determined.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1721/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SWITCHING DEVICE FOR AN X-RAY GENERATOR

(51) International classification	:H02M1/34
(31) Priority Document No	:09169734.2
(32) Priority Date	:08/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053948
Filing Date	:02/09/2010
(87) 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 :**  
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(72)**Name of Inventor :**  
**1)EYDELER Norbert**

(57) Abstract :

The invention relates to a switching device for an X-ray generator for providing a required output power voltage at an output of a resonance power converter. The switching device may comprise a main switch 16 and an auxiliary switch 26 wherein the main switch 16 may comprise a first internal capacitance 5 and wherein the auxiliary switch 26 may be connected in parallel to the main switch 16. Moreover the main switch 16 may be controllable and the auxiliary switch 26 may be also controllable. Furthermore the auxiliary switch 26 may be controllable in dependence of the main switch 16 wherein the auxiliary switch 26 may be controllable for discharging of the first internal capacitance 5 of the main switch 16.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1722/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : X-RAY APPARATUS

(51) International classification :A61B6/00  
(31) Priority Document No :09169694.8  
(32) Priority Date :08/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053926  
Filing Date :01/09/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)NOORDHOEK Nicolaas Jan**  
**2)BALGUID Angelique**

(57) Abstract :

An X-ray apparatus 10 executes a first scan of an object during a forward movement F and a second scan during a backward movement B. Due to the wiper-like movement of the X-ray imaging device 18 supported by an arm 12 of the X-ray apparatus 10 the time between two scans may be very short.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1723/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :03/05/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR USING EFFERVESCENT TABLETS FOR COSMETIC CARE

(51) International classification	:A61K 9/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/482,302	<b>1)POLLOGEN LTD.</b>
(32) Priority Date	:04/05/2011	Address of Applicant :5 KAUFMAN STREET, GIBOR
(33) Name of priority country	:U.S.A.	HOUSE, P.O. BOX 50320, TEL AVIV-68012 Israel
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SHALEV, PINCHAS</b>
(87) International 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 and method for providing cosmetic treatment to skin comprise one material chemically active in a solid form preferably in a tablet form and a second material which is chemically reactive with the first material so that effervescence is produced during the reaction. The chemically active materials may be activated by a user for providing cosmetic treatment to skin. The activation releases effervescence which urges granules of the reacting materials onto the skin. The size of the granules lowers during the reaction thus providing continuously refining peeling to the skin.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1149/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FORM LAYOUT METHOD AND SYSTEM

(51) International classification	:G06F
(31) Priority Document No	:61/470,439
(32) Priority Date	:31/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)Accenture Global Services Limited**

Address of Applicant :3 Grand Canal Plaza Grand Canal  
Street Upper Dublin 4 IRELAND

(72)**Name of Inventor :**

**1)Jonathan E. Peters**

**2)Matthew R. Foster**

(57) Abstract :

A form layout system includes a form layout tool that provides a flexible way to lay out forms on a web page. The form layout tool configures a web configuration file with the location of form layout styles and uses the form layout styles a number of columns a number of fields and a size of each field to include in the component of a page layout to create a page layout for a target application. The form layout tool generates a revised application page with the created page layout by applying the form layout style to the created page layout.

No. of Pages : 63 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1150/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTILAYER STYLE SHEET APPROACH AND SYSTEM

(51) International classification	:B32B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/470,288	<b>1)Accenture Global Services Limited</b>
(32) Priority Date	:31/03/2011	Address of Applicant :3 Grand Canal Plaza Grand Canal
(33) Name of priority country	:U.S.A.	Street Upper Dublin 4 IRELAND
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Jonathan E. Peters</b>
(87) International Publication No	: NA	<b>2)Matthew R. Foster</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multilayer style sheet method includes retrieving multiple style sheets the style sheets comprising multiple layers in a hierarchy the layers comprising characteristics of features for electronic documents and generating an electronic document based on the style sheets.

No. of Pages : 67 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1689/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS AND SYSTEM TO PERFORM WIRELESS FINANCIAL TRANSACTIONS

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INFOSYS TECHNOLOGIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)CHARUDATTA. M. GOSAVI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RAVI AJITBHAI BHOJANI</b>
Filing Date	:NA	<b>3)YOGESH PRAKASH THAKUR</b>
(62) Divisional to Application Number	:NA	<b>4)RAKESH KUMAR</b>
Filing Date	:NA	<b>5)PRASHANT KUMAR SINHA</b>

(57) Abstract :

A method, system and computer program product for performing a financial transaction at a transaction host are disclosed. The method includes the step of receiving, at the transaction host, a first set of information from an electronic portable device. The method further includes the step of identifying an associated account of a user using an identifier from the first set of information, determining loyalty points accrued in the identified associated account; a value proportional to the loyalty points is then subtracted from a first transaction amount to give a second transaction amount. The financial transaction worth the second transaction amount is completed using the payment instrument details derived from the first set of information. The method also includes automatically creating an account for the user using the identifier when the user doesn't have any past transaction associated with the transaction host.

No. of Pages : 25 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1732/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR CREATING AN INNER THREAD AS WELL AS A COMBINATION OF A THREAD CUTTER AND A BODY HAVING A CUTOUT

(51) International classification	:B23G1/16
(31) Priority Document No	:102011075770.8
(32) Priority Date	:12/05/2011
(33) Name of priority country	:Germany
(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)HILTI AKTIENGESELLSCHAFT**  
Address of Applicant :FELDKIRCHERSTRASSE 100,  
9494 SCHAAN Liechtenstein  
(72)**Name of Inventor :**  
**1)FLOETER, FELIX**

(57) Abstract :

A method for creating an inner thread in an opening (12) of a body (14), using a thread cutter (10), whereby the opening (12) has at least one groove (18) that runs essentially in the longitudinal direction (R), and a projection (20) that extends radially inwards and axially is provided after the groove (18) as seen in the circumferential direction (U), characterized by the following steps: a) the thread cutter (10), which has an axial lengthwise cutout (22) adjacent to which in the circumferential direction (U) there are blades that project radially outwards and that have cutting edges (24), is inserted into the opening (12), whereby several cutting edges (24) arranged one after the other in the longitudinal direction (R) are provided on the lengthwise cutout (22), which are offset with respect to each other in the circumferential direction (U), and which are pushed into the groove (18) when the thread cutter (10) is being inserted, b) the cutting tool (10) is rotated by a maximum of 360° in order to create the entire inner thread in the projection (20), whereby the cutting edges (24) penetrate into the projection (20) one after the other as the thread cutter (10) turns, and c)- the thread cutter (10) is moved axially out of the opening (12).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1277/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : CHIMERIC ANTIBACTERIAL POLYPEPTIDES

(51) International classification

:C12N

(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)APPALIAH C.B.**

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R.T. Nagar Post Bangalore Tamil Nadu India

**2)SARAVANAN R. Sanjeev**

**3)SRIRAM Bharathi**

(72)Name of Inventor :

**1)APPALIAH C.B.**

**2)SARAVANAN R. Sanjeev**

**3)SRIRAM Bharathi**

(57) Abstract :

Provided herein are antibacterial compositions and methods of making and using the compositions.

No. of Pages : 95 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1278/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SENSOR DEVICE

(51) International classification	:G02B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-081938	<b>1)DENSO CORPORATION</b>
(32) Priority Date	:01/04/2011	Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY,
(33) Name of priority country	:Japan	AICHI-PREF., 448-8661 Japan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KONDO, JUN</b>
(87) International Publication No	: NA	<b>2)SERIZAWA, KAZUFUMI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sensor device 2 where a jig 3 is engaged to an engaging part 213 formed in the housing 21, and the housing 21 is rotated by the jig 3 and screwed into the member to be mounted 1. A position in the rotating direction of the housing 21 is configured to have a substantially constant position at the time the screw-fixing of the housing 21 and the member to be mounted 1 is completed. A shape of the engaging part 213 when seen along a direction of a rotational axis X of the housing 21 is formed into a non-regular polygon, and the engaging part 213 and a mold IC 23 are shifted and disposed to a side that has a margin in a space in the housing 21 or around the mold IC 23 so that the space around the sensor device 2 is used effectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1348/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AMORPHOUS CABAZITAXEL AND PROCESS FOR ITS PREPARATION

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr. Reddy<sup>TM</sup>s Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :Dr. Reddy <sup>TM</sup> s Laboratories Limited
(33) Name of priority country	:NA	7-1-27 Ameerpet Hyderabad Andhra Pradesh India
(86) International Application No	:NA	<b>2)Dr. Reddy<sup>TM</sup>s Laboratories Inc.</b>
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Kadabonia Rajasekhar</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Murki Veerender</b>
Filing Date	:NA	<b>3)Manda Amarendhar</b>
(62) Divisional to Application Number	:NA	<b>4)Rangineni Srinivasulu</b>
Filing Date	:NA	<b>5)Tummala Arjunkumar</b>

(57) Abstract :

The present application relates to amorphous cabazitaxel and processes for its preparation

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1348/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPTICAL COMPOSITION

(51) International classification :C08K3/00  
(31) Priority Document No :09167696.5  
(32) Priority Date :12/08/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053590  
Filing Date :09/08/2010  
(87) 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 :**  
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Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)JAGT Hendrik Johannes Boudewijn**  
**2)KLEYNEN Christian**  
**3)BAKEN Joanna Maria Elisabeth**

(57) Abstract :

The invention relates to a composition comprising a binder material and nanoparticles having an average particle size of 100 nm or less having a first refractive index of at least 1.65 in respect of light of a first wavelength and a second refractive index in the range of 1.60-2.2 in respect of light of a second wavelength wherein said first refractive index is higher than said second refractive index and wherein the first and second refractive indices may be tuned by adjusting the volume ratio of the nanoparticles to the binder material. The composition may improve light extraction when used for bonding a ceramic member to an LED and/or may reduce the amount of light that is directed back towards the LED.

No. of Pages : 27 No. of Claims : 14



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1349/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : GENERATING OBJECT DATA

(51) International classification	:G06T7/00	(71)Name of Applicant :
(31) Priority Document No	:09305750.3	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:12/08/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053429	(72)Name of Inventor :
Filing Date	:28/07/2010	<b>1)VAN RENS Bram Antonius Philomena</b>
(87) International Publication No	: NA	<b>2)FLORENT Raoul</b>
(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 particularly to a medical imaging system and a method for generating a 3D vessel model of a region of interest of an object and to a computer program element as well as a computer readable medium for generating a 3D vessel model of a region of interest of an object. In order to facilitate and improve the generation of a 3D vessel model of a region of interest of an object a medical imaging system and a method with the following steps is provided: Acquiring at least two 2D X-ray projection images of contrast enhanced vascular structures from different viewing angles; determining a probability map

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1746/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MUFFLER FOR AUTOMOTIVE VEHICLES

(51) International classification	:F01N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ASHOK LEYLAND LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :NO.1, SARDAR PATEL ROAD,
(33) Name of priority country	:NA	GUINDY, CHENNAI - 600 032 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KALYANKUMAR S. HATTI</b>
(87) International Publication No	: NA	<b>2)SASIKUMAR K</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ASHWIN KUMAR M</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a muffler (Y) for automotive vehicles connected at rear end of the inlet pipe assembly (W) extending from an internal combustion engine of automotive vehicles and an outlet pipe assembly (Z) connected at rear end of the muffler (Y) so that the treated exhaust gases from the muffler (Y) flows to the atmosphere The muffler (Y) comprising: an inlet perforated pipe (01) for connecting the inlet pipe assembly (W) and the muffler (Y); a first end cover (02) having a hole is mounted on the first end of a jacket (03); a jacket (03) for enclosing all the components of the muffler (Y); an end plug (04) joined at one end of the inlet perforated pipe (01) for serving as a reflective wall on which the sound waves in the exhaust gases get reflected and are cancelled out by means of destructive interference; a baffle (05) having a hole for supporting the DOC unit 06 and preventing the DOC unit 06 from mechanical damage by absorbing all the vibrations; a DOC unit (06) for reducing the particulate emissions, noise level by virtue of wave cancellation of frequencies and pressure energy; a perforated baffle (07) for serving as opening for gases to expand in the region between the baffle (05) and perforated baffle (07); two perforated baffles (08) for guiding the inlet perforated pipe (01) and the outlet perforated pipe (09) by means of the hole at the center of the perforated baffles (08); an outlet perforated pipe (09) having set of perforations for reducing noise by cancelling out frequencies when the gases pass over the perforations; a second end cover (10) having a hole mounted on the second end of the jacket (03) for serving as a support for the perforated outlet pipe (8) and for directing the exhaust gases out of the muffler (Y); an exponential connector (11) fixed to the free end of the outlet perforated pipe (09); and glasswool (12) spread across the whole of the region around the perforated outlet pipe (09) for absorbing the sound waves. The muffler Y assists in reducing noise and emissions. .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1584/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR QUANTIFYING LUNG COMPLIANCE IN A SELF-VENTILATING SUBJECT

(51) International classification :A61B5/08  
(31) Priority Document No :61/238780  
(32) Priority Date :01/09/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053490  
Filing Date :30/07/2010  
(87) 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 :  
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(72)Name of Inventor :  
**1)BALOA WELZIEN Leonardo Alberto**  
**2)O<sup>TM</sup>CONNOR Nathan Francis**

(57) Abstract :

The lung compliance of a subject that is at least partially self-ventilating is determined. The quantification of lung compliance may be an estimation a measurement and/or an approximate measurement. The quantification of lung compliance may be enhanced over conventional techniques and/or systems for quantifying lung compliance of self-ventilating subjects in the lung compliance may be quantified relatively accurately without an effort belt or other external sensing device that directly measures diaphragmatic muscle pressure and without requiring the subject to manually control diaphragmatic muscle pressure. Quantification of lung compliance may be a useful tool in evaluating the health of the subject including detection of fluid retention associated with developing acute congestive heart failure.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1585/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICES AND METHODS FOR MICROARRAY SELECTION

(51) International classification :C12Q1/68	(71)Name of Applicant :
(31) Priority Document No :09169126.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date :01/09/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country :EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No :PCT/IB2010/053839	(72)Name of Inventor :
Filing Date :26/08/2010	1)VAN DER ZAAG Pieter Jan
(87) International Publication No : NA	2)FEITSMA Harma Martine
(61) Patent of Addition to Application Number :NA	3)DEN TOONDER Jacob Marinus Jan
Filing Date :NA	4)WIMBERGERFRIEDL Reinhold
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention relates to a device for the specific selection of target molecules comprising: (a) at least one reaction zone comprising a microarray wherein the microarray comprises a substrate on which one or more species of capture molecules are immobilized comprising one or more temperature control and/or regulating units for controlling and/or regulating the temperature within the zone; (b) at least one non-reaction zone comprising one or more temperature control and/or regulating units for controlling and/or regulating the temperature within the zone which is in fluid connection with the reaction zone; and (c) at least one transportation means capable of generating and/or regulating a fluid flow between said reaction zone (a) and said non-reaction zone comprising one or more temperature control and/or regulating units (b).

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1586/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR QUANTIFYING LUNG COMPLIANCE IN A SELF-VENTILATING SUBJECT

(51) International classification :A61B5/08  
(31) Priority Document No :61/238782  
(32) Priority Date :01/09/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053491  
Filing Date :30/07/2010  
(87) 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 :  
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(72)Name of Inventor :  
**1)BALOA WELZIEN Leonardo Alberto**  
**2)O<sup>TM</sup>CONNOR Nathan Francis**

(57) Abstract :

The lung compliance of a subject that is at least partially self-ventilating is determined. The quantification of lung compliance may be an estimation a measurement and/or an approximate measurement. The quantification of lung compliance may be enhanced over conventional techniques and/or systems for quantifying lung compliance of self-ventilating subjects in the lung compliance may be quantified relatively accurately without an effort belt or other external sensing device that directly measures diaphragmatic muscle pressure and without requiring the subject to manually control diaphragmatic muscle pressure. Quantification of lung compliance may be a useful tool in evaluating the health of the subject including detection of fluid retention associated with developing acute congestive heart failure.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1653/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AGOMELATINE POLYMORPHS AND PROCESSES

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)Dr. Reddy<sup>TM</sup>s Laboratories Limited**

Address of Applicant :Dr. Reddy<sup>TM</sup>s Laboratories Limited  
7-1-27 Ameerpet Hyderabad Andhra Pradesh 500 016.  
Karnataka India

**2)Dr. Reddy<sup>TM</sup>s Laboratories Inc**

(72)Name of Inventor :

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**2)Peddy Vishweshwar**

**3)Tummala Arjun Kumar**

**4)Ivaturi Siva Kanti Swaroop**

**5)Ragineni Srinivasulu**

**6)Ramakrishnan Srividya**

**7)KVS Ram Rao**

(57) Abstract :

Aspects of the present application relate to crystalline forms of agomelatine, an amorphous solid dispersion of agomelatine, and processes for their preparation. In aspects, the application relates to the preparation of crystalline Form I of agomelatine. Further aspects relate to pharmaceutical compositions comprising polymorphic forms of agomelatine.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1774/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : TRAFFIC INFORMATION CLIENT DEVICE

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10164219.7	<b>1)HARMAN BECKER AUTOMOTIVE SYSTEMS</b>
(32) Priority Date	:28/05/2010	<b>GMBH</b>
(33) Name of priority country	:EPO	Address of Applicant :BECKER-GORING-STR. 16, 76307
(86) International Application No	:NA	KARLSBAD Germany
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)POSNER, STEFAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SCHUSTER, RICO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides an electronic device configured to operate as a traffic information client. The traffic information client device comprises an interface adapted to receive traffic information messages, wherein a traffic information message can comprise a location code which identifies a location of a traffic event. The traffic information client device further comprises a memory and a relational database stored in said memory, the relational database comprising at least a first set of relations including at least one relation which directly or indirectly associates location codes with location information.

No. of Pages : 49 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1438/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : RECIPROCATING PISTON COMPRESSOR WITH DELIVERY RATE CONTROL

(51) International classification	:F01L 1/00	(71)Name of Applicant :
(31) Priority Document No	:A	<b>1)HOERBIGER KOMPRESSORTECHNIK HOLDING GMBH</b>
(32) Priority Date	531/2011	Address of Applicant :DONAU-CITY-STRASSE 1, 1220
(33) Name of priority country	:14/04/2011	WIEN Austria
(86) International Application No	:Austria	(72)Name of Inventor :
Filing Date	:NA	<b>1)SPIEGL, BERNHARD</b>
(87) International Publication No	: NA	<b>2)LINDNER-SIL WESTER, TINO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DOLOVAL, PETER</b>
Filing Date	:NA	<b>4)KERNBICHLER, CHRISTIAN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a reciprocating piston compressor with delivery rate control, the electromagnetic actuating device (3) of the valve lifter (2) has a separate positioning drive (10) for adjusting the working stroke range of the magnetic actuator (5) used, whereby this can be chosen to be small and highly dynamic and only low power losses occur.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1508/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SHUTTLECOCK

(51) International classification :A63B67/18  
(31) Priority Document No :200910044168.1  
(32) Priority Date :21/08/2009  
(33) Name of priority country :China  
(86) International Application No :PCT/CN2009/001189  
Filing Date :26/10/2009  
(87) 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)DAI Jianlin**

Address of Applicant :3rd Floor Comprehensive Building  
No. 7 Zuyuan Road Furong District Changsha Hunan 410001  
China

(72)**Name of Inventor :**

**1)DAI Jianlin**

(57) Abstract :

A shuttlecock includes a ball head a pinnae supporter and some pinnae. The pinnae supporter and the ball head can be made integrally or connected after being made respectively. The pinnae are inserted into the tubes of the pinnae supporter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1509/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PREPARATION OF SITAGLIPTIN AND SALTS THEREOF

(51) International classification	:C07D487/04
(31) Priority Document No	:2090/CHE/2009
(32) Priority Date	:28/08/2009
(33) Name of priority country	:India
(86) International Application No	:PCT/US2010/046938
Filing Date	:27/08/2009
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)Dr. Reddy<sup>TM</sup>s Laboratories Limited**

Address of Applicant :Dr. Reddys Laboratories Limited 7-1-27 Ameerpet Hyderabad Andhra Pradesh -500 016. India

**2)Dr.Reddy<sup>TM</sup>s Laboratories Inc.**

(72)Name of Inventor :

**1)Rakeshwar Bandichhor**

**2)Nagaraju Gudimalla**

**3)Namrata Dwivedi**

**4)Chetluru Kiran Kumar**

**5)Gade Srinivas Reddy**

**6)Muvva Venkateswarlu**

**7)Dr. Bindu Srivastava**

(57) Abstract :

Processes for preparing sitagliptin and its pharmaceutically acceptable salts and process intermediates.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.151/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : VEHICLE NAVIGATION DEVICE AND METHOD

(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:11 153	<b>1)Harman Becker Automotive Systems GmbH</b>
(32) Priority Date	921.9	Address of Applicant :Becker-Gring-Str. 16 76307
(33) Name of priority country	:09/02/2011	Karlsbad Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	<b>1)SPINDLER C. C.</b>
(87) International Publication No	: NA	<b>2)SCHTZ Somin</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vehicle navigation device (1) comprises a map data base (3) storing map data and a processing unit (2). The map data base (3) includes first attributes indicative of the presence of express lanes and second attributes assigned to lanes to indicate which lanes of a road segment are express lanes. The processing unit (2) is coupled to the map data base (3) and is configured to perform a route search based at least on the first attribute and to control outputting of route guidance information via a user interface (4) based at least on the second attribute.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1581/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/05/2011

(43) Publication Date : 21/06/2013

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

(51) International classification

:H04L

(31) Priority Document No

:2010-

111532

(32) Priority Date

:13/05/2010

(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

(71)Name of Applicant :

**1)CANON KABUSHIKI KAISHA**

Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO Japan

(72)Name of Inventor :

**1)TETSUO, IDO**

(57) Abstract :

A communication apparatus performs a process for selecting from a plurality of services and displaying a predetermined service, detects whether there is connection with or disconnection from a communication peer, switching, if connection with the communication peer is detected after disconnecting from the communication peer, a service to be selected and displayed, and providing the selected and displayed service.

No. of Pages : 74 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1582/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : MATRIX CONVERTER

(51) International classification	:H02M 5/00	(71) <b>Name of Applicant :</b> <b>1)KABUSHIKI KAISHA YASKAWA DENKI</b> Address of Applicant :2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806- 0004 Japan
(31) Priority Document No	:2011- 105701	
(32) Priority Date	:10/05/2011	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)YAMAMOTO, ELJI</b>
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 matrix converter according to an embodiment includes a control unit generates a highest phase-to-phase voltage among load side phase-to-phase voltages by controlling bidirectional switches that connect phases with respect to the highest phase-to-phase voltage and phases with respect to a highest phase-to-phase voltage among AC-source side phase-to-phase voltages. Moreover, the control unit generates a middle phase-to-phase voltage among the load side phase-to-phase voltages by controlling bidirectional switches that connect phases with respect to the middle phase-to-phase voltage and phases with respect to a middle phase-to-phase voltage among the AC-source side phase-to-phase voltages.

No. of Pages : 76 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1780/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF MEROPENEM

(51) International classification	:C07C	(71) <b>Name of Applicant :</b> <b>1)SEQUENT SCIENTIFIC LIMITED</b>
(31) Priority Document No	:NA	Address of Applicant :STAR - II, OPP. TO INDIAN
(32) Priority Date	:NA	INSTITUTE OF MANAGEMENT BANNERGHATTA ROAD,
(33) Name of priority country	:NA	BANGALORE - 56 076 Karnataka India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)GNANPRAKASAM, ANDREW</b>
(87) International Publication No	: NA	<b>2)GANAPATHY, VEERAMANI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SYED IBRAHIM, SHAHUL HAMEED</b>
Filing Date	:NA	<b>4)KARTHIKEYAN, MURUGESAN</b>
(62) Divisional to Application Number	:NA	<b>5)SIVASAMY, THANGAVEL</b>
Filing Date	:NA	<b>6)SEKAR, JEYARAJ</b>
		<b>7)ARULMOLI, THANGAVEL</b>

(57) Abstract :

The present invention relates to a novel, cost-effective process for the preparation of Sterile Meropenem Trihydrate, which is prepared by a) condensation of 1-Azabicyclo[3.2.0]hepta-2-ene-2-carboxylic acid, 3-[(diphenoxyphosphinyl)oxy]-6-(1-hydroxyethyl)-4-methyl-7-oxo-(4-nitrobenzyl) methyl ester,[4R-[4a,5b,6b(R)]] with (2S,4S)-2-(Dimethylaminocarbonyl)-4-mercapto-l-(p-nitrobenzyloxycarbonyl)-l-pyrrolidine to obtain diprotected Meropenem; b) deprotection and hydrogenation of diprotected Meropenem to obtain non-sterile Meropenem Trihydrate; c) conversion of NS Meropenem Trihydrate into Sterile Meropenem Trihydrate by using water , methanolic ammonia solution and purging carbon dioxide gas.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1352/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : X-RAY TUBE WITH INDEPENDENT X- AND Z-DYNAMIC FOCAL SPOT DEFLECTION

(51) International classification :H01J35/14  
(31) Priority Document No :61/233505  
(32) Priority Date :13/08/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053444  
Filing Date :29/07/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)KAUTZ Allan**  
**2)PERNO Salvatore**  
**3)BROOKS Gary**  
**4)AWAD George**  
**5)BUAN Jose Angelo**

(57) Abstract :

An X-ray tube is provided which is adapted to generate X-ray beams. The X-ray tube may comprise electrostatic grids for focal spot deflection in x-direction wherein the electrostatic grids are mounted on either side of the cathode. Further the X-ray tube may comprise electromagnetic coils for focal spot deflection in y-direction wherein said electromagnetic coils forming a dipole are mounted external to the X-ray tube and are positioned between the cathode and the target of the anode so that the electron beam passes between its poles. The electrostatic grids and the electromagnetic coils are arranged separately from each other and provide for a combination of electrostatic x-deflection in tandem with electromagnetic z-deflection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1634/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A SIMPLE HOUSE UNDISTURBING PADDY CULTIVATION

(51) International classification

:A01N

(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)M.J. JYOTHISH**

Address of Applicant :N.G.O QUARTERS, NO.2/61  
THRIKKAKARA, P.O. COCHIN - 682 021 Kerala India

(72)Name of Inventor :

**1)M.J. JYOTHISH**

(57) Abstract :

This project under the name and style, A Simple House without Disturbing the Paddy Cultivation, has come out to my mind, because of my experience in witnessing the difficulties to build a dwelling house near a paddy field.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1696/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/05/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DIAPHRAGM FOR TURBOMACHINES AND METHOD OF MANUFACTURE

(51) International classification	:F01D 5/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:00768/11	<b>1)ALSTOM TECHNOLOGY LTD.</b>
(32) Priority Date	:05/05/2011	Address of Applicant :BROWN BOVERI STRASSE 7, CH-
(33) Name of priority country	:Switzerland	5400 BADEN Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)LORD, ADRIAN CLIFFORD</b>
(87) International Publication No	: NA	<b>2)HEMSLEY, PHILIP DAVID</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A turbine diaphragm assembly is described having an annulus of static blades, each static blade including at least an aerofoil and an outer platform; and an outer diaphragm ring or segments of a ring for holding the annulus of static blades; with confronting edges of the outer platforms and the ring are held by an interference fit when pushed in axial direction into contact with the interference fit designed to withstand the forces on the diaphragm during operation of the assembled turbine

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1697/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/05/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INTERNAL COMBUSTION ENGINE HAVING AT LEAST ONE COMBUSTION CHAMBER

(51) International classification	:F01L 13/00	(71) <b>Name of Applicant :</b> <b>1)MAN TRUCK &amp; BUS AG</b> Address of Applicant :DACHAUER STR. 667, 80995 MUNCHEN Germany
(31) Priority Document No	:10 2011 100 324.3	(72) <b>Name of Inventor :</b> <b>1)HERIBERT MOLLER</b>
(32) Priority Date	:04/05/2011	
(33) Name of priority country	:Germany	
(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 :

Internal combustion engine having at least one combustion chamber Internal combustion engine having at least one combustion chamber, from which exhaust gas can be discharged by means of at least one exhaust valve, comprising an engine braking device having a hydraulic additional valve control unit, which is integrated into a connecting mechanism connecting the exhaust valve to a camshaft and which holds the exhaust valve in a partially opened position when the engine braking device is actuated, and comprising a hydraulic valve lash compensating mechanism for the exhaust valve, wherein the connecting mechanism comprises at least one rocker lever and an intermediate element arranged between the rocker lever and the exhaust valve, and wherein the hydraulic additional valve control unit of the engine braking device comprises a first piston-cylinder unit for the temporary partial opening of one exhaust valve, and the hydraulic valve lash compensating mechanism comprises a second piston-cylinder unit for counteracting valve lash, wherein the first piston-cylinder unit is arranged in or on the intermediate element, and the second piston-cylinder unit is arranged in or on the rocker lever.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1801/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 1-METHYL-2-[N-[4-(N-N-HEXYLOXY CARBONYLAMIDINO) PHENYL] AMINO METHYL]BENZIMIDAZOL-5-YL-CARBOXYLICACID-N-(2-PYRIDYL)-N-(2-ETHOXYCARBONYLETHYL)AMIDE METHANESULFONATE

(51) International classification :C07D  
(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)MSN LABORATORIES LIMITED**  
Address of Applicant :FACTORY: SY. NO:317 & 323,  
RUDRARAM (VIL), PATANCHERU (MDL), MEDAK  
(DIST)- 502 329 Andhra Pradesh India

(72)Name of Inventor :  
**1)SRINIVASAN THIRUMALAI RAJAN**  
**2)SAJJA ESWARAIAH**  
**3)SURAPARAJU RAGHURAM**

(57) Abstract :

The present invention relates to process for the preparation of 1-methyl-2-[N-[4-(N-n-hexyloxycarbonylamidino)phenyl]aminomethyl]benzimidazol-5-yl-carboxylicacid-N-(2-pyridyl)-N-(2-ethoxycarbonylethyl)amide methanesulfonate, represented by the following structural formula-1. Further, the present invention also provides 1-methyl-2-[N-[4-amidinophenyl]aminomethyl] benzimidazol-5-yl-carboxylicacid-N-(2-pyridyl)-N-(2-ethoxycarbonylethyl)amide oxalate salt, represented by following structural formula-3a, an useful intermediate in the synthesis of highly pure compound of formula-1.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1512/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PARALLACTIC IMAGE GENERATING DEVICE, DISPLAY DEVICE AND PARALLACTIC IMAGE GENERATING METHOD

(51) International classification	:H04N13/00	(71)Name of Applicant :
(31) Priority Document No	:2011-091998	<b>1)SHARP KABUSHIKI KAISHA</b>
(32) Priority Date	:18/04/2011	Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)ETOH, ATSUSHI</b>
Filing Date	:NA	<b>2)TAJIMA, HIDEHARU</b>
(87) International Publication No	: NA	<b>3)OKUMURA, TETSUYA</b>
(61) Patent of Addition to Application Number	:NA	<b>4)HAMAMOTO, MASAKI</b>
Filing Date	:NA	<b>5)YAMADA, HIROHISA</b>
(62) Divisional to Application Number	:NA	<b>6)SATO, TAKANOBU</b>
Filing Date	:NA	

(57) Abstract :

A control section (2) acquires character-shaped object information from a content memory section (31). A display position setting processing section (21) calculates the mean position of left and right parallax images of each of two adjacent characters. Further, when the mean positions overlap each other, the position setting processing section (21) adjusts the display positions of the parallax images so that the mean position do not overlap each other, and save the display positions of the parallax images in an information retaining section (24). A parallax image generating section (7) generates parallax images in accordance with the display positions of the parallax images as saved in the information retaining section (24). This makes it possible to generate parallax images that allow characters to be stereoscopically displayed in such a way that adjacent characters do not overlap each other.

No. of Pages : 108 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.158/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INDEXING SLEEVE FOR SINGLE-TRIP, MULTI-STAGE FRACING

(51) International classification	:E21B
(31) Priority Document No	:13/022,504
(32) Priority Date	:07/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)WEATHERFORD/LAMB, INC.**  
Address of Applicant :515 POST OAK BLVD. STE 600,  
HOUSTON, TEXAS 77027 U.S.A.  
(72)**Name of Inventor :**  
**1)ROBINSON, CLARK E.**  
**2)COON, ROBERT**  
**3)MALLOY, ROBERT**

(57) Abstract :

A flow tool has a sensor that detects plugs (darts, balls, etc.) passing through the tool. An actuator moves an insert in the tool once a preset number of plugs have passed through the tool. Movement of this insert reveals a catch on a sleeve in the tool. Once the next plug is deployed, the catch engages the plug on the sleeve so that fluid pressure applied against the seated plug through the tubing string can move the sleeve. Once moved, the sleeve reveals ports in the tool communicating the tool's bore with the surrounding annulus so an adjacent wellbore interval can be stimulated. The actuator can use a sensor detecting passage of the plugs through the tool. A spring disposed in the tool can flex near the sensor when a plug passes through the tool, and a counter can count the number of plugs that have passed.

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1742/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : SEALED COMPRESSOR

(51) International classification	:F04B 39/00
(31) Priority Document No	:2011- 103985
(32) Priority Date	:09/05/2011
(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

(71)**Name of Applicant :**  
**1)PANASONIC CORPORATION**  
Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan  
(72)**Name of Inventor :**  
**1)YAMAOKA, MASAKAZU**  
**2)HAYASHI, YASUSHI**  
**3)KATAYAMA, MAKOTO**

(57) Abstract :

A sealed compressor comprises an electric element; a compression element; and a sealed container accommodating the electric element and the compression element; wherein the compression element includes a cylinder block defining a compression chamber; a piston which is reciprocable inside the compression chamber; and a valve plate disposed to close an opening end of the compression chamber and having a discharge hole which provides communication between inside and outside of the compression chamber; the piston has a first groove on a tip end surface thereof which faces the valve plate, the first groove having a predetermined width and extending from an outer peripheral edge portion of the tip end surface toward a portion of the tip end surface which faces the discharge hole; and a tip end portion of the first groove is positioned in the portion of the tip end surface which faces the discharge hole and is inclined.

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.186/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR IDENTIFYING LIKELY GEOGRAPHICAL LOCATIONS OF ANOMALIES IN A WATER UTILITY NETWORK

(51) International classification	:G01D	(71)Name of Applicant :
(31) Priority Document No	:13/008,819	<b>1)TAKADU LTD.</b>
(32) Priority Date	:18/01/2011	Address of Applicant :4 DERECH HACHORESH, YEHUD
(33) Name of priority country	:U.S.A.	56470 Israel
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)AMITAI ARMON</b>
(87) International Publication No	: NA	<b>2)HAGGAI SCOLNICOV</b>
(61) Patent of Addition to Application Number	:NA	<b>3)CHAIM LINHART</b>
Filing Date	:NA	<b>4)RAZ ZIV</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computerized method for determining one or more statistically likely geographical locations of an anomaly in a region or zone of a water utility network, the water utility network comprising at least a network of pipes for delivering water to consumers and a plurality of meters positioned within the water utility network including a plurality of meters capturing data regarding the water delivering within the region or zone of the anomaly, the method comprising. The method includes receiving anomaly event data, the anomaly event data representing an indication of an anomaly occurring or having occurred within a region or zone of the water utility network, the anomaly event data being associated with meter data produced by one or more of the meters. The method also includes performing a plurality of tests on the anomaly event data each designed to statistically determine a likely geographical location of the anomaly within the region or zone, the performance of each test producing a result. The results of the plurality of tests to generate scores for the determined likely locations for the anomaly are combined. The one or more of the determined likely locations are presented to a user.

No. of Pages : 47 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1609/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SHARING DEVICE CAPABILITIES OF UNIVERSAL PLUG AND PLAY (UPNP) DEVICES WITH A SERVICE NETWORK ENTITY

(51) International classification

:H04L

(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 :

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PRIVATE LIMITED**

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66/1 Bagmane Tech Park C V Raman Nagar Byrasandra  
Bangalore 560093 Karnataka India

(72)Name of Inventor :

**1)PATIL MAYURESH MADHUKAR  
2)PATTAN BASAVARAJ JAYAWANT  
3)JEEDIGUNTA VENKATESWAR**

(57) Abstract :

The present invention provides a method and system of sharing device capabilities of universal plug and play (UPnP) devices with a service provider entity. In one embodiment, a method includes obtaining device capabilities associated with one or more UPnP devices in an UPnP home network environment, and aggregating the device capabilities associated with the one or more UPnP devices. The method also includes mapping the aggregated device capabilities associated with the one or more UPnP devices in a user agent profile. The method further includes communicating the user agent profile containing the device capabilities associated with the one or more UPnP devices to a service provider network so that the service provider network provides telephony services to the one or more UPnP devices based on the respective device capabilities.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1824/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VOLTAGE SOURCE CONVERTER FOR A HVDC TRANSMISSION SYSTEM

(51) International classification

:H02M

(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)ABB TECHNOLOGY LTD.**

Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland

(72)Name of Inventor :

**1)PRAVEEN BARUPATI**

**2)SUBRAMANIAN SASITHARAN**

**3)SUBHASISH MUKHERJEE**

**4)TOMAS U JONSSON**

(57) Abstract :

The invention concerns a voltage source converter comprising a plurality of switching elements to effectively convert between AC and DC for a high voltage direct current (HVDC) system. The voltage source converter has a bridge (42) having one or more phase legs comprising of switching elements (44) connected between a first DC terminal (52) and a second DC terminal (54), in which each phase leg from the said one or more phase legs comprises an AC terminal provisioned at corresponding midpoint (A, B, C) of said each phase leg to connect with a AC equipment (50). The voltage source converter also has at least one converter leg (48) comprising of switching elements connected between the first and the second DC terminals, in which the said at least one converter leg has a mid point; and has at least one switching element (46) from the plurality of the switching elements, provided between the midpoint of the said at least one converter leg and the mid points of the each of the phase legs. The method of operation of the voltage source converter is also provided in the invention. .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1853/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING THE MOVEMENT AND FOR LOCALIZATION OF A CATHETER

(51) International classification	:A61B5/05	(71)Name of Applicant :	
(31) Priority Document No	:09170212.6	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>	
(32) Priority Date	:14/09/2009	Address of Applicant :GROENEWOUDSEWEG 1	
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS	
(86) International Application No	:PCT/IB2010/053996	(72)Name of Inventor :	
Filing Date	:06/09/2010	<b>1)GLEICH Bernhard</b>	
(87) International 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 apparatus (100) for controlling the movement of a catheter (190) through an object (180) and for localizing the catheter (190) within the object (180) said catheter (190) comprising a magnetic element (194) at or near its tip (192). The invention applies the principles and hardware of magnetic particle imaging (MPI) both for catheter localization and catheter movement and provides appropriate control means (150) for controlling the signal generator units to generate and provide control currents to the respective field coils to generate appropriate magnetic fields for moving the catheter through the object in a direction instructed by movement commands and for localizing the catheter within the object.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MOVING AND ACTIVATING AN ACTIVE AGENT

(51) International classification	:A61B5/06	(71)Name of Applicant :
(31) Priority Document No	:09170211.8	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:14/09/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053990	(72)Name of Inventor :
Filing Date	:06/09/2010	<b>1)GLEICH Bernhard</b>
(87) International 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 apparatus (100) for moving a target element (60 70) which comprises a magnetic material (62 72) and an active agent (61 71) through an object placing said target element (60 70) at a predetermined position within the object and activating the active agent (61 71) which apparatus (100) comprises: - selection means comprising a selection field signal generator unit (110) and selection field elements (116) in particular selection field magnets or coils for generating a magnetic selection field (50) having a pattern in space of its magnetic field strength such that a first sub-zone (52) having a low magnetic field strength and a second sub-zone (54) having a higher magnetic field strength are formed in a field of view (28)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1594/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CONSCIOUSNESS MONITORING

(51) International classification :A61B5/11  
(31) Priority Document No :09169337.4  
(32) Priority Date :03/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053817  
Filing Date :25/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)Name of Inventor :  
**1)HUSEN Sri Andari**  
**2)FEDDES Bastiaan**  
**3)FALCK Thomas**  
**4)BAGGEN Constant Paul Marie Jozef**  
**5)BARROSO Andre Melon**  
**6)JOHNSON Mark Thomas**

(57) Abstract :

A method for automatically monitoring consciousness of a person and triggering an alarm if the monitored person is not in a state of full consciousness is provided. The method comprises the steps: monitoring at least one aspect of the behavior of the person (S1); analyzing whether the monitored behavior of the person corresponds to an expected behavior for a state of full consciousness or not (S2 S2); triggering an alarm if the analysis results in that the detected behavior does not correspond to the expected behavior (S3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1785/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : EXTRACTION AND SEPARATION OF 3,4-BIS (3,4-DIMETHOXYPHENYL) FURAN-2,5-DIONE FROM CEDRUS DEODARA AND ITS ANXIOLYTIC AND ANTICONVULSANT ACTIVITY

(51) International classification

:B27K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)DR.A.PURATCHIKODY**

Address of Applicant :NO-19, SMESC COLONY, NORTH  
EXTENSION, 2ND CROSS, TRICHY - 620 021 Tamil Nadu  
India

**2)D. DHAYABARAN**

(72)Name of Inventor :

**1)DR.A.PURATCHIKODY**

**2)D. DHAYABARAN**

(57) Abstract :

The present invention is related to a process for the extraction and separation of an active compound from the heart wood of Cedrus deodar a, namely 3, 4 - bis (3, 4 -dimethoxyphenyl) furan - 2, 5 - dione that induces anxiolytic and anticonvulsant activity. Experiments were conducted to assess the efficacy (anxiolytic and anticonvulsant activity) of the extracted active compound of the present invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1847/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :31/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PIECING MACHANISM IN AN AIR SPINNING MACHINE

(51) International classification

:D01H

(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)LAKSHMI MACHINE WORKS LTD.**

Address of Applicant :PERIANAICKENPALAYAM,  
COIMBATORE - 641 020 Tamil Nadu India

(72)Name of Inventor :

**1)KARUPPUSWAMY SOMASUNDARAM**

**2)GANAPATHY VENKATACHALAM**

**3)KIRUBANANDAM MURUGA SIVAPRAKASAM**

(57) Abstract :

Piecing mechanism in an air spinning machine is provided with a drafting device for supplying sliver (7) to the spinning nozzle and a calculated length of wound yarn (1) is withdrawn from the package. The calculated length of yarn is fed into the spinning nozzle (4) wherein a plunger (5) is provided for controlling the suction of the wound yarn.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1875/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : WIRELE BIO SENSOR ANALYSER

(51) International classification

:G01N

(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)DHANANJAY SHUKAL**

Address of Applicant :VILLA 42, PRESTIGE

BOUGAINVILLE, 58/2 & 59, ECC ROAD, WHITEFIELD,  
BANGALORE - 560 066 Karnataka India

**2)JAYADEEP KRISHNAN**

(72)Name of Inventor :

**1)DHANANJAY SHUKAL**

**2)JAYADEEP KRISHNAN**

(57) Abstract :

A wireless integrated device incorporating optic biosensor for pathogen level detection configured for secured communication module in wireless gateway comprising of a mesh network including at least one cell incorporating a plurality of node devices, wherein the node devices are bio sensor analyzers and /or digital camera, and at least some of which node devices are organized into at least one cell, with such mesh network configured for bi-directional communications among the plurality of node devices; a base computer system with built-in transceiver and artificial intelligence for local display of data and control; wherein the transceiver is configured for onward transmission of data to the data center and transmit control messages to the node devices; and wherein said node devices are configured for receiving messages from said transceiver, and based thereon, sorting and selecting neighbors thereof so as to select the best access for synchronization and so as to make a choice between different available cells.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1876/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : WIRELESS INTEGRATED DEVICE FOR REAL TIME MONITORING PARTIAL DISCHARGES IN TRANSFORMER

(51) International classification

:E03D

(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)DHANANJAY SHUKAL**

Address of Applicant :VILLA 42, PRESTIGE

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BANGALORE - 560 066 Karnataka India

**2)JAYADEEP KRISHNAN**

(72)Name of Inventor :

**1)DHANANJAY SHUKAL**

**2)JAYADEEP KRISHNAN**

(57) Abstract :

A wireless integrated device incorporating optic acoustic sensor for monitoring partial discharges in transformers, gas insulated substations, faults and the like configured for secured communication module in wireless gateway comprising of a mesh network including at least one cell incorporating a plurality of node devices, wherein the node devices are plurality of sensors, and at least some of which node devices are organized into at least one cell, with such mesh network configured for bi-directional communications among the plurality of node devices; a base computer system with built-in transceiver and artificial intelligence for local display of data and control; wherein the transceiver is configured for onward transmission of data to the data center and transmit control messages to the node devices; and wherein said node devices are configured for receiving messages from said transceiver, and based thereon, sorting and selecting neighbors thereof so as to select the best access for synchronization and so as to make a choice between different available cells.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.168/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/04/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF LEVODOPA, CARBIDOPA AND ENTACAPONE

(51) International classification

:A61K

(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 :

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Address of Applicant :SUVEN NISHTAA PHARMA PVT LTD, SERENE CHAMBERS, ROAD NO.5, AVENUE-7, BANJARA HILLS, HYDERABAD-500 034. Andhra Pradesh India

(72)Name of Inventor :

**1)RAVULA SAYISIVA ORASAD**

**2)PULI RUPESH KUMAR**

(57) Abstract :

The present invention relates to the pharmaceutical composition comprising two discrete portions of the mixtures of levodopa, carbidopa and entacapone or pharmaceutically acceptable salts or hydrates thereof and the process for preparing the same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1725/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HIGH INTENSITY DISCHARGE LAMP

(51) International classification :H01J61/54  
(31) Priority Document No :09169968.6  
(32) Priority Date :10/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/054007  
Filing Date :07/09/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)WELTERS Wilhelmus Johannes Jacobus**

(57) Abstract :

The invention provides a high intensity discharge lamp comprising a ceramic discharge vessel having sealed first and second end plugs and an external electrical antenna which is used as active antenna for facilitating ignition of the high intensity discharge lamp. The discharge vessel encloses a discharge volume and comprises two electrodes and contains a filling.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1727/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 21/06/2013

(54) Title of the invention : CHASSIS FOR AN ELECTRIC VEHICLE

(51) International classification	:B60G 99/00	(71) <b>Name of Applicant :</b> <b>1)ENERGY CONTROL LIMITED</b>
(31) Priority Document No	:100123001	Address of Applicant :PORTCULLIS TRUSTNET,
(32) Priority Date	:30/06/2011	CHAMBERS, P.O. BOX 3444, ROAD, TOWN, TORTOLA Ice
(33) Name of priority country	:Taiwan	Land
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DONALD P.H. WU</b>
(87) International 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 chassis for an electric vehicle comprises: a base frame, a front frame, a rear frame, two side frames, four suspension devices and four wheels. The front frame and the rear frame have the front arc-shaped tube and the arc-shaped rear tube fixed to the base frame, the arc-shaped tubes can not only reduce the number of tubes required but also increase the area of thrust force as compared to the straight tubes. Besides, the arc of the arc-shaped tubes avoids a connection point of an acute angle, thus preventing stress concentration while improving the structural strength of the chassis. Further, the arc-shaped front tube, the arc-shaped rear tube, the front connecting tube and the rear connecting tube are hollow, which contributes to light weight of the chassis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1871/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RECOMBINANT ANTI-CANINE PARVOVIRUS ANTIBODY AND USES THEREOF

(51) International classification	:E01H	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INDIAN IMMUNOLOGICALS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :GACHIBOWLI, HYDERABAD -
(33) Name of priority country	:NA	500 032 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)SRIDEVI, VENKATA NIMMAGADDA</b>
(87) International Publication No	: NA	<b>2)MADHAHA, AAVULA SHUKRA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NEELAKANTAM, BIRADHAR</b>
Filing Date	:NA	<b>4)CHANDRAN, DEV</b>
(62) Divisional to Application Number	:NA	<b>5)SRINIVASAN, ALWAR VILLUPPANOOR</b>
Filing Date	:NA	

(57) Abstract :

A monovalent anti-canine parvovirus antibody is disclosed herein. The anti-canine parvovirus antibody as disclosed is scFv. The present invention further provides a recombinant vector and a host comprising the vector. The anti-canine parvovirus antibody as disclosed herein shows strong binding to canine parvovirus. The antibody is useful in development of composition for treatment or prevention against canine parvovirus.

No. of Pages : 33 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1898/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTIPLE INPUT MULTIPLE OUTPUT (MIMO) TRANSMITTED SIGNAL VECTOR ESTIMATION EMPLOYING MONTE CARLO SAMPLING TECHNIQUES

(51) International classification	:H04B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INDIAN INSTITUTE OF SCIENCE</b>
(32) Priority Date	:NA	Address of Applicant :Indian Institute of Science C.V.
(33) Name of priority country	:NA	Raman Avenue Bangalore-560012 Tamil Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Ashok Kumar</b>
(87) International Publication No	: NA	<b>2)Tanumay Datta</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Ananthanarayanan Chockalingam</b>
Filing Date	:NA	<b>4)Balaji Sundar Rajan</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of determining a transmitted vector (x) in a MIMO receiver includes the steps of receiving a received vector (y) representative of the transmitted vector (x), generating a first random number and forming, in a first iteration, a first symbol of a first candidate vector, the candidate vector representing a potential solution vector. The step of forming is based on a first approach if the first random number is greater than a first predetermined value (q), but is based on a second approach if the random number is less than or equal to the first predetermined value (q). The first approach randomly selects the first symbol from a uniform distribution of symbols in the transmission alphabet. The second approach selects the first symbol based on Gibbs sampling. The method represents a randomized Markov Chain Monte Carlo (RMCMC) sampling technique.

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1719/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF TRANS-5-CHLORO-2,3,3A, 12B-TETRAHYDRO-2-METHYL-1H-DIBENZ [2,3,6,7]OXEPINO[4,5-C]PYRROL-1-ONE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MSN LABORATORIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK
(86) International Application No	:NA	(DISTRICT), ANDHRA PRADESH, 502 329 Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)SRINIVASAN THIRUMALAI RAJAN</b>
Filing Date	:NA	<b>2)SAJJA ESWARAIAH</b>
(62) Divisional to Application Number	:NA	<b>3)PERI SEETHA RAMA SARMA</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of trans- 5-chloro-2,3,3a,12b-tetrahydro-2-methyl-1H-dibenz[2,3,6,7]oxepino[4,5c]pyrrol-1-one compound of formula-1.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1720/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : STERILIZATION COAT

(51) International classification :A61L2/04  
(31) Priority Document No :09169733.4  
(32) Priority Date :08/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053947  
Filing Date :02/09/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)SUIJVER Jan Frederik**

(57) Abstract :

The invention relates to a sterilization coat (1) for sterilizing a device (2) like a medical detection device wherein the sterilization coat (1) is adapted to be arranged on the device (2) and comprises a heating layer for sterilizing the device (2) by heating. If the sterilization coat (1) has been arranged on the device several sterilization procedures can be performed by heating the sterilization coat (1) using the heating layer. Thus it is not necessary to arrange sterile plastic drapes around the device (2) each time a sterile device is needed for example before each medical interventional procedure. If a sterilization of the device (2) is needed the heating layer heats the device (2) for sterilizing. This simplifies the procedure for sterilizing the device (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.188/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FUEL PUMP

(51) International classification	:F16H
(31) Priority Document No	:2011-11912
(32) Priority Date	:24/01/2011
(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

(71)**Name of Applicant :**  
**1)DENSO CORPORATION**  
Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY,  
AICHI-PREF., 448-8661 Japan  
(72)**Name of Inventor :**  
**1)SUZUKI, MASASHI**

(57) Abstract :

First and second recessed portions (38a, 38b, 39a, 39b) are respectively formed on first and second wall surfaces (37a, 37b) of a cam chamber (29), in order that a plunger head (19) and a coil spring (32) would not come in touch with the first and second wall surfaces (37a, 37b) even in such a virtual situation. In the virtual situation, it is supposed that the plunger head (19) would be separated from a plunger (13), the plunger head (19) remains in contact with a contact surface (31) of a cam ring (23) so that the plunger head (19) would not move relative to the contact surface (31), and a cam member (22) would be continuously rotated.

No. of Pages : 30 No. of Claims : 7



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1886/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING QUINOLINE DERIVATIVE

(51) International classification	:C07D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)AUROBINDO PHARMA LTD</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SUKUMAR NANDI</b>
(87) International Publication No	: NA	<b>2)ANANTA RANI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)AKKINA NARESH</b>
Filing Date	:NA	<b>4)JOSEPH PRABAHAR KOILPILLAI</b>
(62) Divisional to Application Number	:NA	<b>5)MEENAKSHISUNDERAM SIVAKUMARAN</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for preparing (2E)-3-[2-Cyclopropyl-4-(4-fluorophenyl)quinolin-3-yl]-2-propenal of Formula I, which is an useful intermediate in the preparation of Pitavastatin calcium.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.190/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE DATA RECORDING APPARATUS

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-021190	<b>1)CANON KABUSHIKI KAISHA</b>
(32) Priority Date	:02/02/2011	Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)NAKASE, YUICHI</b>
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 image data recording apparatus includes a moving image acquisition unit configured to acquire moving image data, a still image acquisition unit configured to acquire still image data, a recording unit configured to record in a designated directory in a recording medium, the moving image data and the still image data respectively, and a control unit configured to control the moving image acquisition unit, the still image acquisition unit, and the recording unit, wherein the control unit is configured to control, in response to input of an image capturing instruction, the image acquisition unit to acquire moving image data, and still image data, to determine whether a moving image file to which said moving image data can be additively recorded is included in a specific directory in the recording medium, and to control, if a moving image file to which said moving image data can be additively recorded is included, the recording unit to additively record said moving image data in the moving image file, and store in the specific directory the still image data as a still image file.

No. of Pages : 78 No. of Claims : 9

(54) Title of the invention : NITRIDE SEMICONDUCTOR LIGHT EMITTING ELEMENT AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:H01L 33/00	(71)Name of Applicant :
(31) Priority Document No	:2011- 098851	<b>1)NICHIA CORPORATION</b>
(32) Priority Date	:27/04/2011	Address of Applicant :491-100, OKA, KAMINAKA-CHO, ANAN-SHI, TOKUSHIMA 774-8601 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)YONEDA, AKINORI</b>
Filing Date	:NA	<b>2)KAWAGUCHI, HIROFUMI</b>
(87) International Publication No	: NA	<b>3)DEGUCHI, KOUICHIROH</b>
(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 reliable nitride semiconductor light emitting element having a thick metal bump and a method of manufacturing the nitride semiconductor light emitting element with an improved productivity, the manufacturing method of a flip-chip nitride semiconductor light emitting element including: a nitride semiconductor light emitting element structure having an n-type nitride semiconductor layer and a p-type nitride semiconductor layer, which are laminated on a substrate, and an n-side electrode connecting surface for connecting an n-side electrode to the n-type nitride semiconductor layer and a p-side electrode connecting surface for connecting a p-side electrode to the p-type nitride semiconductor layer on the same plane side of the substrate, the n-side electrode being connected to the n-side electrode connecting surface and the p-side electrode being connected to the p-side electrode connecting surface; and metal bumps formed on the n-side electrode and the p-side electrode, wherein a protective layer forming step, a first resist pattern forming step, a protective layer etching step, a first metal layer forming step, a second resist pattern forming step, a second metal layer forming step and a resist pattern removing step are sequentially performed.

No. of Pages : 171 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1637/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : FOUR WHEEL STEERING

(51) International classification	:B62K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)M S RAMAIAH COLLEGE OF ENGINEERING</b>
(32) Priority Date	:NA	Address of Applicant :MSR COLLEGE ROAD, M S
(33) Name of priority country	:NA	RAMAIAH NAGAR, MATHIKERE BENGALURU Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)GEORGE. RAJI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SOMANI. ANISH</b>
Filing Date	:NA	<b>3)SENGAR. UTKARSH</b>
(62) Divisional to Application Number	:NA	<b>4)ANANTHANENI. SUNIL KUMAR</b>
Filing Date	:NA	<b>5)RIZWAN. YAWAR</b>

(57) Abstract :

In an active four-wheel steering system, all four wheels turn at the same time when the driver steers. There can be controls to switch off the rear steer and options to steer only the rear wheel independent of the front wheels. At slow speeds (e.g. parking) the rear wheels turn opposite of the front wheels, reducing the turning radius by up to twenty-five percent, while at higher speeds both front and rear wheels turn alike (electronically controlled), so that the vehicle may change position with less yaw, enhancing straight-line stability. The Snaking effect experienced during motorway drives while towing a travel trailer is thus largely nullified. The 4WAS (4 Wheel Active Steer) system assists drivers by automatically controlling the steering angle of vehicle<sup>TM</sup>s four wheels according to speed. By controlling the steering angle of all four wheels, this active steering system helps improve stability and response at high speed and helps reduce driver<sup>TM</sup>s steering workload at low speed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1910/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD FOR ALLOCATING RESOURCES IN BROADBAND WIRELESS ACCESS SYSTEM

(51) International classification	:H04W 72/00	(71) <b>Name of Applicant :</b> <b>1)LG ELECTRONICS INC.</b>
(31) Priority Document No	:61/545,199	Address of Applicant :20 YEOUIDO-DONG,
(32) Priority Date	:10/10/2011	YEONGDEUNGPO-GU SEOUL 150-721. Republic of Korea
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)CHO, HEEJEONG</b>
Filing Date	:NA	<b>2)PARK, GIWON</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for efficiently allocating resources to a terminal in a random access system are provided. A method for transmitting an abnormal power down report from a Machine to Machine (M2M) device in a wireless communication system may include transmitting the abnormal power down report to a base station using uplink resources that have already been allocated to the M2M device and starting a first timer for confirmation of the transmitted abnormal power down report.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1912/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS AND METHOD FOR CONTROLLING IMAGE PROCESSING APPARATUS

(51) International classification	:G06F11/00	(71)Name of Applicant :
(31) Priority Document No	:2011-113825	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:20/05/2011	Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO. Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)OSADA, MAMORU
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 image processing apparatus includes an image processing unit configured to perform image processing, a storage unit configured to be capable of storing an application program installed in the image processing apparatus, a first determination unit configured to determine whether the application program had ever been installed in the image processing apparatus, and a control unit configured to selectively control the image processing unit to be operable and control the image processing unit not to operate according to the determination by the first determination unit if an error has occurred in the storage unit.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.187/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : HUMAN-MACHINE DIALOG SYSTEM

(51) International classification	:G01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 50511	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:24/01/2011	Address of Applicant :35, RUE JOSEPH MONIER, 92500
(33) Name of priority country	:France	RUEIL MALMAISON France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BENNI, DOMINIQUE</b>
(87) International Publication No	: NA	<b>2)CHAUVET, FRANCIS</b>
(61) Patent of Addition to Application Number	:NA	<b>3)TARDIVON, ALAIN</b>
Filing Date	:NA	<b>4)LEMASSON, ERIC</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a human-machine dialog system comprising: - a first part (1) including a data processing unit and an electrical power supply unit (11), - a second part comprising a number of human-machine dialog members (2) each provided with a human-machine dialog interface (20) and a fastening support (3) arranged to accommodate each human-machine dialog member (2) in a removable and interchangeable manner, - a communication and power supply bus (4) linking the power supply unit (11) and the processing unit of the first part (1) to each human-machine dialog member (2), said communication and power supply bus (4) being at least partly arranged in the fastening support (3) to connect each human-machine dialog member (2). .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1917/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DEVICE FOR HIGH-PRESSURE FUEL INJECTION

(51) International classification :F02M 51/06  
(31) Priority Document No :10 2009 028 234.3  
(32) Priority Date :05/08/2009  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2010/058580  
Filing Date :17/06/2010  
(87) 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)Robert Bosch GmbH**  
Address of Applicant :Postfach 30 02 20 70442 Stuttgart  
Germany  
(72)**Name of Inventor :**  
**1)JANSEN Sebastian**

(57) Abstract :

The invention relates to a valve arrangement for high-pressure fuel injection comprising a valve housing (2) an outward opening valve needle (3) arranged in the valve housing (2) in a compression chamber (4) filled with fuel to which fuel (K) is supplied under pressure wherein the valve needle (3) is sealed off at a valve seat (16) a closing spring (5) that guides the valve needle (3) back to a seating position an electromagnetic actuator (6) with a displaceably arranged armature (7) to actuate the valve needle (3) and a control valve (8) with a valve element (10) and a valve seat (11) wherein the valve element (10) has a first functional surface (13) and a second functional surface (14) wherein the first functional surface (13) faces the compression chamber (4) the second functional surface (14).

No. of Pages : 24 No. of Claims : 9



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1920/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FKBP52-TAU INTERACTION A A NOVEL THERAPEUTICAL TARGET FOR TREATING THE NEUROLOGICAL DISORDERS INVOLVING TAU DYSFUNCTION•

(51) International classification :G01N 33/68

(31) Priority Document No :09305893.1

( 2) Priority date :24/09/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/064115

Filing Date :24/09/2010

(87) 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)INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)**

Address of Applicant :101 rue de Tolbiac F-75013 Paris France

(72)Name of Inventor :

**1)BAULIEU Etienne**

**2)CHAMBRAUD Batrice**

(57) Abstract :

The invention relates generally to neuroprotection and repair in neurological disorders involving Tau dysfunction (including Alzheimers disease). The invention describes AND INCLUDES a direct interaction between proteins FKBP52 and Tau. More particularly the invention relates to a method for screening a drug for the prevention and treatment of neurological disorders involving Tau dysfunction comprising the following steps: a) determining the ability of a candidate compound to modulate the interaction between a Tau polypeptide and a FKBP52 polypeptide and b) selecting positively the candidate compound that modulates said interaction. The present invention finally relates to diagnostic prognostic and monitoring assays of neurological disorders involving Tau dysfunction.

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1922/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : EQUIPMENT FOR REPROCESSING PAINT SLUDGE

(51) International classification

:B05B

(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)MAHAM HOLDINGS (P) LTD**

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CHAMBERS ROAD R.A.PURAM, CHENNAI - 600 028 Tamil Nadu India

(72)Name of Inventor :

**1)DR. R. ELANGOVAN**

**2)MR. TAB BARATHI**

(57) Abstract :

The present invention relates to special equipment for extracting reusable material out of paint sludge which is a residue in the process of any painting activity. The equipment is designed specifically for the recovery of solvents and reusable end products from paint sludge that can be used in various industrial applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1928/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : NOVEL POLYMORPH OF PITAVASTATIN CLACIUM

(51) International classification	:C07D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MATRIX LABORATORIES LTD</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO 564/A/22, ROAD NO 92,
(33) Name of priority country	:NA	JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)SETHI, MADHURESH KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)ARIKATLA, SIVALAKSHMIDEVI</b>
Filing Date	:NA	<b>3)MAHAJAN, SANJAY</b>
(62) Divisional to Application Number	:NA	<b>4)MARA, BHARAIA</b>
Filing Date	:NA	<b>5)VEERA, UPENDRA NATH</b>

(57) Abstract :

The present invention provides stable crystalline Form-P of Pitavastatin calcium, monocalcium bis{(3R, 5S, 6E)-7-[2-cyclopropyl-4-(4-fluorophenyl)-3-quinolyl]-3,5-dihydroxy-6-heptenoate }.

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1626/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : INSULATING CAP FOR AN END WINDING OF AN ELECTRICAL MACHINE WORKING AT HIGH VOLTAGE AND MACHINE HAVING SUCH AN INSULATING CAP

(51) International classification :H02K 3/00  
(31) Priority Document No :00732/11  
(32) Priority Date :29/04/2011  
(33) Name of priority country :Switzerland  
(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 :**  
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(72)**Name of Inventor :**  
**1)HUWYLER, MARKUS**  
**2)KOEPLER, ANDREAS**  
**3)KLAMT, THOMAS**

(57) Abstract :

The invention relates to an insulating cap (16a) for an end winding (10) of an electrical machine working at high voltage, which end winding (10) comprises a plurality of insulated winding bars which protrude from winding slots and are electrically conductively connected to one another in pairs at their ends, wherein the region of the electrical connection is in each case insulated with respect to the outside by the insulating cap (16a) which is pushed over said connection with an opening (23). An improvement is achieved in that the insulating cap (16a) has means (19) in the interior (17) which enable the high electric field in the region of the electrical connection to be gradually dissipated to the outside (21) of the insulating cap (16a) which is at earth potential.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1941/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : RAF INHIBITOR COMPOUNDS AND METHODS OF USE THEREOF•

( 1) International classification :C07D239/48

(31) Priority Document No :61/238,107

(32) Priority Date :28/08/2009

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

86) International Application No :PCT/US2010/04 007

Filing Date :27/08/2010

(87) 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)GENENTECH INC.**

Address of Applicant :1 DNA Way South San Francisco  
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(72)**Name of Inventor :**

**1)ALIAGAS Ignacio**

**2)GRADL Stefan**

**3)GUNZNER Janet**

**4)MATHIEU Simon**

**5)PULK Rebecca**

**6)RUDOLPH Joachim**

**7)WEN Zhaoyang**

(57) Abstract :

Compounds of Formula I are useful for inhibition of Raf kinases. Methods of using compounds of Formula I and stereoisomers tautomers prodrugs and pharmaceutically acceptable salts thereof for in vitro in situ and in vivo diagnosis prevention or treatment of such disorders in mammalian cells or associated pathological conditions are disclosed.

No. of Pages : 63 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1942/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SHAPING OF REPLACEABLE ELEMENTS OF A MELTING FURNACE

(51) International classification	:C03B5/42
(31) Priority Document No	:10 2009 040 033.8
(32) Priority Date	:03/09/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005314
Filing Date	:30/08/2010
(87) 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)UWE GEIB**

Address of Applicant :Froschholzstr. 7 82377 Penzberg  
Germany

(72)**Name of Inventor :**

**1)UWE GEIB**

(57) Abstract :

The invention relates to methods and apparatus for the extension of a furnace campaign and/or the reduction of energy input during melting by the shape of exchangeable component assemblies surrounding the melt which are located in the area of the melt surface and which are in contact with the transition area below as well as above of the melt surface. The same holds for the haulage way of the melt.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1949/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PEOPLE LOCATING SYSTEM USING ZIGBEE

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)AMERICAN MEGATRENDS INDIA PRIVATE</b>
(32) Priority Date	:NA	<b>LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :KUMARAN NAGAR, OFF OLD
(86) International Application No	:NA	MAHABALIPURAM ROAD, SEMMANCHERY, CHENNAI -
Filing Date	:NA	600 119 Tamil Nadu India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)SRIDHARAN MANI</b>
Filing Date	:NA	<b>2)SANTHOSH SAMUEL MATHEWS</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A people locating system using a Zigbee network comprising 3 types of devices, a) an arm band for victim namely target device, end device or victim's device b) mobile device for the search person namely router or search person's device c) mobile device for staff-in-charge, namely coordinator. The coordinator initiates the Zigbee network and allows routers and end devices to join. All routers are registered with the coordinator as a non-victim device. Each router will update of the node identifier of newly connected devices to the coordinator and identify any new devices as the target device. Coordinator requests RSSI from the respective target device which then sends broadcast message to all routers. Each router then sends RSSI of the node along with node ids and GPS location to the coordinator. The coordinator receives response of the target device and all connected routers so that location of all routers and RSSI from the connected routers is known to it. The coordinator then dynamically changes the function of the end device to a router so that it can connect to other victims and extend the range of discovery of victims. The RSSI is dynamically calibrated based on the distance calculated using GPS and RSSI between routers and transmission power of each router. The transmission power of the mobile devices carried by the search person is dynamically adjusted to stay connected with out-of-coverage devices or increase battery life. If three or more than three devices are connected to the target device, trilateral technique will be applied to get more accurate location information. The LCD panel of the coordinator and search persons displays the relative position of the coordinator, routers and victims.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1690/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF MILNACIPRAN HYDROCHLORIDE

(51) International classification

:A61K

(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)MATRIX LABORATORIES LTD**

Address of Applicant :PLOT NO 564/A/22, ROAD NO.92,  
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India

(72)Name of Inventor :

**1)SETHI, MADHURESH KUMAR**

**2)RAWAT, VIJENDRASINGH**

**3)BONTALAKOTI, JAGAN MOHANA RAO**

**4)VEMULA, LAKSHMINARAYANA**

(57) Abstract :

The present invention relates to an improved process for the preparation of Milnacipran hydrochloride wherein, 2-hydroxymethyl-1-phenyl-cyclopropanecarboxylic acid diethylamide is reacted with chlorinating agent to give chloro derivative characterized in that after completion of the reaction, reaction mass is treated with a base to get chloro intermediate of compound-2. It is reacted with phthalimide salt in the presence of solvent to yield Milnacipran phthalimide intermediate of ( compound-3), It is further converted into Milnacipran hydrochloride by conventional method with improved yield and quality,.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1960/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHOSPHOR-CONVERTED LIGHT EMITTING DIODE DEVICE

(51) International classification :H01L33/50  
(31) Priority Document No :12/558078  
(32) Priority Date :11/09/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053572  
Filing Date :06/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)BUTTERWORTH Mark M.**

(57) Abstract :

A light emitting diode is provided which is capable of emitting a first light having a first peak wavelength. The light emitting diode is provided with a phosphor layer overlying the light emitting diode and capable of absorbing the first light and emitting a second light having a second peak wavelength. The phosphor layer includes a pattern of holes positioned to allow the first peak wavelength to exit through the holes without being absorbed by the phosphor layer and wherein the holes are placed to facilitate more of the first peak wavelength to exit the phosphor in the area of the holes than the second peak wavelength.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1961/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MEDICAL ULTRASOUND DEVICE WITH FORCE DETECTION

(51) International classification :A61B19/00  
(31) Priority Document No :09170252.2  
(32) Priority Date :15/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/054048  
Filing Date :08/09/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)BARLEY Maya Ella**  
**2)HARKS Godefridus Antonius**  
**3)DELADI Szabolcs**

(57) Abstract :

A medical ultrasound device is disclosed. The device comprises an elongated body having a proximal end and a distal end region (1). One or more ultrasound transducers (4) for generating acoustic radiation are positioned in the distal end region, inside the elongated body. A transmission element (5) which is substantially transparent to acoustic radiation is positioned in the radiation path of the acoustic radiation, and a controller unit is operatively connected to the ultrasound transducer. The transmission element and the one or more ultrasound transducers are mounted so that an acoustic path length (8) between the transmission element (5) and the ultrasound transducer (4) varies with contact force (10) imposed to the distal end region. The controller unit detects the acoustic path length between the ultrasound transducer and the transmission element and determines the contact force from the detected acoustic path length. In an embodiment, the medical device is an ultrasound RF ablation catheter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1963/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD OF CONTROLLING LIGHT DISTRIBUTION IN A SPACE INCLUDING MULTIPLE INSTALLED LIGHT SOURCES AND AN EXTERNAL LIGHT SOURCE.

(51) International classification :H05B 37/02

(31) Priority Document No :61/242409

(32) Priority Date :15/09/2009

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

(86) International Application No :PCT/IB2010/054125

Filing Date :14/09/2010

(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)BIRRU Dagnachew**

(57) Abstract :

This invention relates to a method and system for controlling light distribution in a space including multiple installed light sources and an external light source. The luminance level of light from said light sources is measured at different measuring areas within the space. A weighed luminance level is determined for each of the measuring areas based on the measured luminance levels where the weighted luminance level indicates the contribution from the light sources to the measured luminance level at the different measuring areas. This weighed luminance level is used as a tuning parameter for tuning the emitted light at the installed light sources such that the weighed luminance level at each of the different measuring areas substantially matches a pre-defined target luminance level at the different measuring areas.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.194/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CO L FLOW SPLITTERS AND DISTRIBUTOR DEVICES•

(51) International classification	:B01D
(31) Priority Document No	:13/048,92
(32) Priority Date	:16/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**  
**1)BABCOCK POWER SERVICES INC.**  
Address of Applicant :5 Neponset Street Worcester MA  
01606 U.S.A.  
(72)**Name of Inventor :**  
**1)Vlad Zarnescu**

(57) Abstract :

A flow splitter for distributing solid particles flowing in a fluid through a piping system includes a divider housing. The divider housing has an inlet configured to connect to an upstream pipe and has a plurality of outlets each outlet being configured to connect to a respective downstream pipe. A divider body is mounted within the divider housing. A plurality of divider vanes are included each extending from the divider body to the divider housing. The divider housing divider body and divider vanes are configured and adapted to reduce non-uniformity in particle concentration from the inlet and to supply a substantially equal particle flow to each outlet.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1965/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DISTRIBUTED X-RAY SOURCE AND X-RAY IMAGING SYSTEM COMPRISING SAME

(51) International classification :H01J35/06  
(31) Priority Document No :09170298.5  
(32) Priority Date :15/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/054113  
Filing Date :13/09/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
(72)**Name of Inventor :**  
**1)LEWALTER Astrid**  
**2)PIETIG Rainer**  
**3)CHROST Wolfgang**

(57) Abstract :

A distributed X-ray source (3) and an imaging system (1) comprising such an X-ray source (3) are proposed. The X-ray source (3) comprises an electron beam source arrangement (19) and an anode arrangement (17). The electron beam source arrangement (19) is adapted to emit electron beams (24) towards at least two locally distinct focal spots (27) on the anode arrangement (17). Therein the X-ray source is adapted for displacing the anode arrangement (17) with respect to the electron beam source arrangement (19). While the provision of a plurality of focal spots allows acquisition of projection images under different projection angles thereby allowing reconstruction of three-dimensional X-ray images e.g. in tomosynthesis application a displacement motion of the anode arrangement (17) with respect to the electron beam source arrangement (19) may allow for distributed heat flux to the anode arrangement thereby possibly reducing cooling requirements.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1966/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : OPTICAL ELEMENT

(51) International classification :G02B6/42  
(31) Priority Document No :09170438.7  
(32) Priority Date :16/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/054065  
Filing Date :09/09/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
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(72)**Name of Inventor :**  
**1)CORNELISSEN Hugo Johan**  
**2)VAN HERPEN Maarten Marinus Johannes**  
**Wilhelmus**  
**3)VAN PIETERSON Liesbeth**

(57) Abstract :

It is disclosed an optical element (200) wherein one or more light-emitting diodes LEDs and additional optics may be provided in an integrated solution that may relatively easily be assembled and maintained in a desired position relatively each other. The optical element (200) may enable one or more LEDs and additional optics to be provided in an integrated solution that is relatively thin and compact in comparison with known devices such that light from one or more LEDs may be injected into a thin light guide (205 206) such as an optical fiber an optical fiber array a ribbon-shaped light-guiding structure etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1967/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PERFORMANCE, EMISSIONS AND COMBUSTION CHARACTERIZATION OF NERIUM BIODIESEL BLENDS OPERATED DIESEL ENGINE

(51) International classification	:C10L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)S.PRABHAKAR</b>
(32) Priority Date	:NA	Address of Applicant :NO. 24, RAJ PARIS NAGAR,
(33) Name of priority country	:NA	CHITLAPAKKAM, CHENNAI - 600 064 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)K. ANNAMALAI</b>
(87) International 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 :

Increased environmental awareness and depletion of fossil petroleum resources are driving industry to develop alternative fuels that are environmentally more acceptable. Trans esterified vegetable oil derivatives called 'biodiesel' appear to be the most convenient way of utilizing bio-origin vegetable oils as substitute fuels in diesel engines. In this project esterified Nerium oil is used as an alternate fuel. The experiments were conducted for studying the Performance, Emissions, Noise and Combustion characteristics of diesel engine with Nerium blends. The Nerium oil blends are in percentage of 20%, 40%, 60%, 80%, and 100% of Nerium oil to 80%, 60%, 40%, 20% & 0% of diesel. From this project it is concluded that among all nerium and diesel blends 20% of nerium and 80% of diesel blend gives better performance nearing the diesel. When comparing the emission characteristics HC, CO is reduced when compared to diesel, however NOx emission is slightly increased when compared to diesel. At present neither Nerium oil nor bio-diesel of Nerium oil is available in the market. Hence for our work, well grown Nerium seeds are collected from different parts of Tamil Nadu (India). Hence Nerium blend can be used in existing diesel engines without compromising the engine performance. It also describes the usage of non-edible oil to a greater extent. Keywords: Nerium, Bio-diesel, Esterification.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1904/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : WALL AND TABLE LIQUID DISPENSER

(51) International classification

:A47K

(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)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)KUPPUSWAMI, THIYAGARAJAN**

**2)RAMANATHAN MANIKKAM, SUNDAR**

(57) Abstract :

The present invention relates to a liquid dispenser more particularly, the present invention relates to Wall and Table liquid dispenser assembly having multiple applications of using it either in vertical position or in horizontal position or vice versa. Distinctive shape and appearance of the assembly and mechanism to hold liquid and dispense nominal quantity can be readily switched between any convenient mounting positions either to vertical or horizontal position.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1907/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS FOR UPDATING INFORMATION OF AN M2M DEVICE IN A WIRELESS COMMUNICATION SYSTEM AND METHOD THEREOF

(51) International classification	:H04W 68/00	(71)Name of Applicant : <b>1)LG ELECTRONICS INC.</b>
(31) Priority Document No	:61/526,690	Address of Applicant :20 YEOUIDO-DONG,
(32) Priority Date	:24/08/2011	YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)CHO, HEEJEONG</b>
Filing Date	:NA	<b>2)LEE, EUNJONG</b>
(87) International 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 wireless communication, and more particularly, to a method for a machine-to-machine (hereinafter abbreviated M2M) communication applied M2M device to update information in a wireless communication system and terminal thereof. In decoding superframe header subpacket information in an M2M (machine to machine) device in idle mode in a wireless communication system, the present invention includes comparing a paging cycle with a 1st cycle and if the paging cycle is equal to or greater than the 1st cycle, decoding the superframe header subpacket information, wherein the 1st cycle is determined using a following formula:  $I = C \times 2^n$ , where the I indicates the 1st cycle, the C is a change cycle of a secondary superframe header, and the n is a bit size of a change count of the secondary superframe header.

No. of Pages : 70 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1968/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : 3D SCREEN SIZE COMPENSATION

(51) International classification :H04N13/00  
(31) Priority Document No :09170382.7  
(32) Priority Date :16/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/054053  
Filing Date :08/09/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)**Name of Inventor :**  
**1)BRULS Wilhelmus Hendrikus Alfonsus**  
**2)KLEIN GUNNEWIEK Reinier Bernardus Maria**  
**3)VANDALFSEN Age Jochem**  
**4)NEWTON Philip Steven**

(57) Abstract :

A device converts three dimensional [3D] image data arranged for a source spatial viewing configuration to a 3D display signal for a 3D display in a target spatial viewing configuration. 3D display metadata has target width data indicative of a target width  $W_t$  of the 3D display in the target spatial viewing configuration. A processor (52 18) changes the mutual horizontal position of images L and R by an offset O to compensate differences between the source spatial viewing configuration and the target spatial viewing configuration. The processor (52) retrieves source offset data provided for the 3D image data for calculating the offset O and determines the offset O in dependence of the source offset data. Advantageously the 3D perception for the viewer is automatically adapted based on the source offset data as retrieved to be substantially equal irrespective of the screen size.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1973/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :10/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMITTING AND RECEIVING FRAGMENTABLE DATA UNITS IN A WIRELESS COMMUNICATION ENVIRONMENT

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SAMSUNG INDIA SOFTWARE OPERATIONS</b>
(32) Priority Date	:NA	<b>PRIVATE LIMITED</b>
(33) Name of priority country	:NA	Address of Applicant :Bagmane Lakeview Block B No.
(86) International Application No	:NA	66/1 Bagmane Tech Park C V Raman Nagar Byrasandra
Filing Date	:NA	Bangalore 560093 Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)AGIWAL Anil</b>
Filing Date	:NA	<b>2)CHANG Youngbin</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method and system for transmitting and receiving Fragmentable Data Units (FDUs) in a wireless communication environment. In one embodiment, a method of transmitting FDUs in a wireless communication environment includes fragmenting a FDU into a fixed number of fragments by a transmitting device. The method further includes packing the fragments of said FDU in payloads of Medium Access Control (MAC) Protocol Data Units (PDUs). Additionally, the method includes encoding control information of each fragment of said FDU in a fragmentation control (FC) field and a sequence number field of the respective MAC PDU. Moreover, the method includes transmitting the MAC PDUs containing the fragments of said FDU and control information associated with the fragments to a receiving device.

No. of Pages : 64 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1913/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/05/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TREATING A TEXTILE MATERIAL

(51) International classification	:D06B23/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2011	<b>1)KARL MAYER TEXTILMASCHINENFABRIK</b>
(32) Priority Date	107 126.5	<b>GMBH</b>
(33) Name of priority country	:12/07/2011	Address of Applicant :BRUHLSTRASSE 25, 63179
(86) International Application No	:Germany	OBERTSHAUSEN. Germany
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	:NA	<b>1)WROBLOWSKI, HANS GERHARD</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and an apparatus for treating a textile material (2) is specified, in which a treatment agent is applied to the textile material (2) and the textile material (2) is dried on at least one heating cylinder (4, 5) . It is desired to make cost-effective treatment possible. For this purpose, there is provision whereby the textile material (2) lying on the heating cylinder (4, 5) is acted upon with an airstream, the textile material being guided, upstream of the heating cylinder (4, 5), over a deflecting device (6) which fulfils at least one of the following conditions: it operates contactlessly, it has a non-stick surface and it is temperature-controlled.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2007/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING DIPYRIDAMOLE AND ASPIRIN

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Dr Reddy<sup>TM</sup>s Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :8-2-337 Road No 3 Banjara Hills
(33) Name of priority country	:NA	Hyderabad Andhra Pradesh India
(86) International Application No	:NA	<b>2)Dr.Reddy<sup>TM</sup>s Laboratories Inc.</b>
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)Maanasa Lakshmi Satya Surireddi</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Haraprasad Chatterjee</b>
Filing Date	:NA	<b>3)Arati Dibakar Mohanta</b>
(62) Divisional to Application Number	:NA	<b>4)Srimannarayana Bandla</b>
Filing Date	:NA	<b>5)Vijendra Murthy</b>

(57) Abstract :

The invention relates to pharmaceutical formulation comprising dipyridamole in extended release composition and aspirin in immediate release composition.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2019/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR VIRTUAL COLLABORATIVE SHOPPING

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Satyanarayana Hemanth Kumar</b>
(32) Priority Date	:NA	Address of Applicant :Plot 7 1st Floor Model Colony SR
(33) Name of priority country	:NA	Nagar Hyderabad AP India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Goli Sandeep Reddy</b>
(87) International Publication No	: NA	<b>2)Satyanarayana Hemanth Kumar</b>
(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 apparatus and process to share digital images and videos of a user wearing virtual apparel. The invention comprises of a camera 201 for capturing images and videos; a central processing unit (CPU) that obtains camera media feed and processes it to augment digital imagery of apparel; the CPU being configured to track a user in the media feed; a display screen 203 that displays the processed media feed; an internet adapter 204 capable of connecting to the internet; the CPU configured to upload the processed media feed online to a server 205 and further send the web location of the uploaded image or video, preferably in a text message using a cellular network 206 to the user's mobile phone 207. The user 251 can share the text message with others enabling them to view the uploaded content on an internet enabled device through a private link or through a social networking platform.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2024/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A BIOPESTICIDAL FORMULATION AND A PROCESS OF PREPARATION THEREOF

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Camson Biotechnologies Ltd</b>
(32) Priority Date	:NA	Address of Applicant :C-7 7th Floor Corporate Block
(33) Name of priority country	:NA	Golden Enclave Airport Road Bangalore 560 017 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)K. Krishnamurthy</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Nisha M.M</b>
Filing Date	:NA	<b>3)Dhirendra Kumar</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A biopesticidal formulation is encompassing the extracts of Oceanobacillus sp. (MTCC 8720), Bacillus pumilus (ATCC 7061), Streptomyces gramineus (NRRL B-16369) and Streptomyces hygroscopicus (ATCC 27438) is provided. The invention also relates to a process for the preparation of the biopesticidal formulation. Further, the invention provides a method for protecting or treating plants by applying an effective amount of the claimed biopesticidal formulation to plants or to the soil. Furthermore, the invention provides a method for controlling or killing pests by applying to the pests or to the locus of the pests an insecticidally effective amount of a culture of microbes or its strains, variants or mutants thereof. The invention also relates to a plant growth promoting response leading to higher biomass production and yield.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2026/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : METHODS OF PREPARATION OF AN OLEFIN OLIGOMERIZATION CATALYST

(51) International classification :C07C 2/30  
(31) Priority Document No :10/783,429  
(32) Priority Date :20/02/2004  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2005/05416  
Filing Date :18/02/2005  
(87) International Publication No : WO/2005/082816  
(61) Patent of Addition to Application  
Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :3028/CHENP/2006  
Filed on :18/02/2005

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**1)CHEVRON PHILLIPS CHEMICAL COMPANY LP**  
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WOODLANDS, TEXAS 77380 U.S.A.

(72)**Name of Inventor :**  
**1)KNUDSEN, RONALD, D.**  
**2)KREISCHER, BRUCE, E.**  
**3)ABBOTT, RONALD, G.**  
**4)BRIDGES, STEVEN, D.**  
**5)BARALT, EDUARDO, J.**  
**6)SMALL, BROOKE, L.**

(57) Abstract :

The present invention relates to a method of making a catalyst for use in oligomerizing an olefin, comprising a chromium-containing compound, a pyrrole-containing compound, a non-halide metal alkyl, a metal halide-containing compound, and optionally a solvent, the method comprising: (a) contacting a composition comprising the chromium-containing compound and a composition comprising a portion of the non-halide metal alkyl, wherein the composition comprising the chromium-containing compound is added to the composition comprising the non-halide metal alkyl, and (b) subsequently contacting the components from (a) with a composition comprising the metal halide-containing compound and the remaining components of the catalyst compound including a remaining portion of the non-halide metal alkyl.

No. of Pages : 105 No. of Claims : 49



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1877/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS FOR THE AUTOMATIC METERING INFRASTRUCTURE (AMI) IN SMART ENERGY GRID GATEWAY

(51) International classification

:H04L

(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

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**2)JAYADEEP KRISHNAN**

(72)Name of Inventor :

**1)DHANANJAY SHUKLA**

**2)JAYADEEP KRISHNAN**

(57) Abstract :

Apparatus for the automatic metering infrastructure (AMI) configured for secured communication module in smart energy grid gateway comprising of a mesh network including at least one cell incorporating a plurality of node devices, wherein the node devices are sensors and / or metering devices, and at least some of which node devices are organized into at least one cell, with such mesh network configured for bi-directional communications among the plurality of node devices; a base computer system with built-in transceiver and artificial intelligence for local display of data and control; wherein the transceiver is configured for onward transmission of data to the data center and transmit control messages to the node devices; and wherein said node devices are configured for receiving messages from said transceiver, and based thereon, sorting and selecting neighbors thereof so as to select the best access for synchronization and so as to make a choice between different available cells.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2021/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A BIOPESTICIDAL FORMULATION AND A PROCESS OF PREPARATION THEREOF

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Camson Biotechnologies Ltd</b>
(32) Priority Date	:NA	Address of Applicant :C-7 7th Floor Corporate Block
(33) Name of priority country	:NA	Golden Enclave Airport Road Bangalore 560 017 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)K. Krishnamurthy</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Nisha M.M</b>
Filing Date	:NA	<b>3)Dhirendra Kumar</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A biopesticidal formulation is encompassing the extracts of *Serratia marcescens* (ATCC 13880), *Bacillus subtilis* (ATCC 6633), *Bacillus subtilis* (ATCC 6051) and *Streptomyces* sp. (MTCC 6531) is provided. The invention also relates to a process for the preparation of the biopesticidal formulation. Further, the invention provides a method for protecting or treating plants by applying an effective amount of the claimed biopesticidal formulation to plants or to the soil. Furthermore, the invention provides a method for controlling or killing pests by applying to the pests or to the locus of the pests an insecticidally effective amount of a culture of microbes or its strains, variants or mutants thereof The invention also relates to a plant growth promoting response leading to higher biomass production and yield.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2022/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A WEEDICIDAL FORMULATION AND A PROCESS FOR PREPARATION THEREOF

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Camson Biotechnologies Ltd</b>
(32) Priority Date	:NA	Address of Applicant :C-7 7th Floor Corporate Block
(33) Name of priority country	:NA	Golden Enclave Airport Road Bangalore 560 017 Tamil Nadu
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)K. Krishnamurthy</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Nisha M.M</b>
Filing Date	:NA	<b>3)Dhirendra Kumar</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A formulation having weedicidal activity and a process for its preparation are disclosed. Weeds have been a matter of botheration to cultivators for years. Weeds harbor pests and insects which have undesirable, deleterious effects on crops. Current methods to control or inhibit the growth of weeds include the use of chemical and biological agents which are inefficient or contribute to long term health problems. The disclosed weedicidal formulation provides the use of microbial extract that controls or inhibits the growth of weeds in a safe, eco friendly and effective manner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2023/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A BIOPESTICIDAL FORMULATION AND A PROCESS OF PREPARATION THEREOF

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Camson Biotechnologies Ltd</b>
(32) Priority Date	:NA	Address of Applicant :C-7 7th Floor Corporate Block
(33) Name of priority country	:NA	Golden Enclave Airport Road Bangalore 560 017 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)K. Krishnamurthy</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Nisha M.M</b>
Filing Date	:NA	<b>3)Dhirendra Kumar</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A biopesticidal formulation is encompassing the extracts of Bacillus subtilis (ATCC 6633), Bacillus subtilis (ATCC 6051), Serratia marcescens (ATCC 274), Streptomyces sp. (MTCC 3667) is provided. The invention also relates to a process for the preparation of the biopesticidal formulation. Further, the invention provides a method for protecting or treating plants by applying an effective amount of the claimed biopesticidal formulation to plants or to the soil. Furthermore, the invention provides a method for controlling or killing pests by applying to the pests or to the locus of the pests an insecticidally effective amount of a culture of microbes or its strains, variants or mutants thereof. The invention also relates to a plant growth promoting response leading to higher biomass production and yield.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1593/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF DIMINAZENE DIACETURATE

(51) International classification	:C07D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SEQUENT SCIENTIFIC LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :STAR-II, OPPOSITE TO INDIAN
(33) Name of priority country	:NA	INSTITUTE OF MANAGEMENT, BILEKAHALLI,
(86) International Application No	:NA	BANNERGHATTA ROAD, BANGALORE - 560 076
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)VERMA, SUDHAKAR</b>
Filing Date	:NA	<b>2)ARULMOLI, THANGAVEL</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a novel, cost-effective process for preparation of a diazoamino benzene compound. Specifically, it relates to the process for the preparation of diminazene diacetate. The process comprises a) converting p-nitro benzoic acid of formula VII into p-nitro benzamide of formula VI; b) converting p-nitro benzamide of formula VI into p-nitro benzonitrile of formula V ; c) converting p-nitro benzonitrile of formula V into p-nitro benzamidoxime of formula IV ; d) reducing the p-nitro benzamidoxime of formula IV to obtain p-amino benzamidine dihydrochloride of formula III ; e) diazotising p-amino benzamidine dihydrochloride of formula III, followed by coupling of diazonium salt of p-amino benzamidine dihydrochloride with p-amino benzamidine dihydrochloride to obtain diminazene of formula II; f) reacting diminazene of formula II obtained in step e) with acetic acid to form diminazene diacetate of formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2047/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF DESLORATADINE

(51) International classification

:C07D

(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)ORCHID CHEMICALS & PHARMACEUTICALS LTD**

Address of Applicant :ORCHID TOWERS, 313,  
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(72)Name of Inventor :

**1)REGURI BUCHI REDDY**

**2)UPPARAPALLI SAMPATH KUMAR**

**3)ANAND SIVADAS**

**4)SUGIRDHA SAMPATH**

**5)SABARINATHAN NATARAJAN**

**6)NOOR MOHAMED ABDULMALIK**

(57) Abstract :

The present invention relates to an improved process for the preparation of mixture of crystalline form of desloratadine form I and II of formula (1) having 90-98 % of form I and 2-10 % of form II using methylisobutylketone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2054/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : HETROJUNCTION SINGLE ELECTRON TRANSISTOR DEVICE

(51) International classification	:H01J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)M. RAVINDIRAN</b>
(32) Priority Date	:NA	Address of Applicant :NO. 5 AND 6/7, FIRST FLOOR,
(33) Name of priority country	:NA	VINAYAK APARTMENTS, LAKSHMI AVENUE SCHOOL
(86) International Application No	:NA	ROAD, KOLATHUR, CHENNAI 600 099 Tamil Nadu India
Filing Date	:NA	<b>2)DR. P. SHANKAR</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)M. RAVINDIRAN</b>
Filing Date	:NA	<b>2)DR. P. SHANKAR</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A heterojunction single electron transistor device is disclosed, wherein, a layer of ferromagnetic material is disposed on the conductive island at at least one of the source junction or the drain junction. The device shows enhanced conductivity through lowering of the electron tunneling barrier due to electron spin coupling at the ferromagnetic layer.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2059/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : BIOCATALYTIC PROCESSES FOR THE PREPARATION OF SUBSTANTIALLY STEREOMERICALLY PURE FUSED BICYCLIC PROLINE COMPOUNDS

(51) International classification :C07D		(71)Name of Applicant :
(31) Priority Document No :61/075,243		1)CODEXIS, INC.
(32) Priority Date :24/06/2008		Address of Applicant :200 PENOBSCOT DRIVE,
(33) Name of priority country :U.S.A.		REDWOOD CITY, CALIFORNIA 94063 U.S.A.
(86) International Application No :PCT/US2009/048255		(72)Name of Inventor :
Filing Date :23/06/2009		1)MIJTS, BENJAMIN
(87) International Publication No : NA		2)MULEY, SHEELA
(61) Patent of Addition to Application Number :NA		3)LIANG, JACK
Filing Date :NA		4)NEWMAN, LISA, M.
(62) Divisional to Application Number :397/CHENP/2011		5)ZHANG, XIYUN
Filed on :23/06/2009		6)LALONDE, JAMES
		7)CLAY, MICHAEL, D.
		8)ZHU, JUN
		9)GRUBER JOHN, M.
		10)COLBECK, JEFFREY
		11)MUNGER, JOHN, D., JR.
		12)MAVINAHALLI, JAGADEESH
		13)SHELDON, ROGER

(57) Abstract :

The present invention relates to a substantially stereomerically pure compound according to structural formulas 11(a), 11(b), 111(a), or IV(a): including salts and hydrate thereof, wherein: A is CR<sup>1</sup>R<sup>2</sup>, wherein R<sup>1</sup> and R<sup>2</sup> are each independently selected from -H, -COOH, -X, -NH<sub>2</sub>, -CH<sub>2</sub>NHC(NH)NH<sub>2</sub>, -C X<sub>3</sub>, -CH<sub>3</sub>, -CH<sub>2</sub>CH<sub>3</sub>, and wherein X is selected from F, Cl, and Br; M and M' are both absent.

No. of Pages : 140 No. of Claims : 18



(12) PATENT APPLICATION PUBLICATION

(21) Application No.206/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : DIE ATTACH COMPOSITION FOR SILICON CHIP PLACEMENT ON A FLAT SUBSTRATE HAVING IMPROVED THIXOTROPIC PROPERTIES

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:13/008,428	<b>1)Lexmark International Inc.</b>
(32) Priority Date	:18/01/2011	Address of Applicant :Intellectual Property Law
(33) Name of priority country	:U.S.A.	Department 740 West New Circle Road Bldg 082-1
(86) International Application No	:NA	Lexington Kentucky 40550-0999 U.S.A.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)GRAHAM David</b>
(61) Patent of Addition to Application Number	:NA	<b>2)PROVENCE Joel</b>
Filing Date	:NA	<b>3)SINGH Jeanne Marie Saldanha</b>
(62) Divisional to Application Number	:NA	<b>4)WELLS Richard D.</b>
Filing Date	:NA	

(57) Abstract :

A die attach composition is used for bonding a silicon chip on a flat substrate. The die attach composition includes a cross-linkable epoxy resin having a rigid backbone an epoxy siloxane resin a fumed silica filler an amine curing agent and a silane coupling agent. The die attach composition is particularly useful in bonding silicon heater chips on flat ceramic substrate in forming an inkjet printhead assembly. The die attach composition allows accurate placement of silicon heater chips on flat ceramic substrate and exhibits good ink resistance.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2060/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOLDED LENS INCORPORATING A WINDOW ELEMENT

(51) International classification :H01L 33/58  
(31) Priority Document No :12/561342  
(32) Priority Date :17/09/2009  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2010/053771  
Filing Date :20/08/2010  
(87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS  
**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)CAMRAS Michael D.**  
**2)WANG Nanze Patrick**  
**3)JAGT Hendrik J. B.**  
**4)TICHA Helena**  
**5)TICHY Ladislav**

(57) Abstract :

A light emitter includes a light-emitting device (LED) die and an optical element over the LED die. The optical element includes a lens a window element and a bond at an interface disposed between the lens and the window element. The window element may be a wavelength converting element or an optically flat plate. The window element may be directly bonded or fused to the lens or the window element may be bonded by one or more intermediate bonding layers to the lens. The bond between the window element and the lens may have a refractive index similar to that of the window element the lens or both.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1856/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : CODED LIGHT TRANSMISSION AND RECEPTION

(51) International classification :H05B37/02

(31) Priority Document No :09170179.7

(32) Priority Date :14/09/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/054039

Filing Date :08/09/2010

(87) 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 :

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EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)SCHENK Tim Corneel Wilhelmus**

**2)YANG Hongming**

(57) Abstract :

Coded light has been proposed to enable advanced control of light sources and transmit information using light sources. An assignment for the identification frequencies of light sources enables more unique frequencies to be assigned i.e. more light sources to be uniquely identified in the system. An available frequency band is divided into non-uniform frequency regions and frequencies are selected from a set of uniformly spaced frequencies in the non-uniform frequency regions. A receiver is based on a successive approach and is enabled to analyze higher harmonics of the received light signals. The light contributions are successively estimated group by group.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1858/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : RESERVE BATTERY ACTIVATED BY SHOCK AND SPIN

(51) International classification

:H01M

(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 :

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(72)Name of Inventor :

**1)DR ALURU JAGADISH PRASAD**

**2)MR PIDAPARTHI CHANDRA SEKHAR**

**3)MR KOTTU KANAKASENA RAO**

(57) Abstract :

Reserve Battery activated by shock with spin is specially useful for ammunitions with low propellant charge mass. It comprises of a annular cell- stack of carbon (21) and lithium (23) electrodes separated by a separator (22) placed one over the other. They are further isolated by another separator of plastic or phenolic disc or a plastic cup (20). The glass ampoule (5) containing electrolyte is protected with a flexible rubber sleeve (4) over which a lead weight (3) is assembled as a compensation element for this ampoule positioned at the hollow portion of the former (8) above the activating system of the battery comprising of an anvil (7) and a spring (6) fixed firmly at the cell support disc (10) at the base of the battery and capable of breaking the ampoule at a predetermined acceleration. The electrolyte flows into the void space of the cells due to the spin of the fuze and activates the cells and generates electrical power. The above sub assembly is enclosed in a battery case (2) and closed with the battery lid (11) and further covered by inserting in a plastic battery cover (1) tightly and suitably closed with a plastic lid (15)

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

(54) Title of the invention : LIGHT-SOURCE MODULE AND LIGHT-EMITTING DEVICE

(51) International classification :H05K1/02  
 (31) Priority Document No :09170498.1  
 (32) Priority Date :17/09/2009  
 (33) Name of priority country :EPO  
 (86) International Application No :PCT/IB2010/054093  
 Filing Date :10/09/2010  
 (87) 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)KONINKLIJKE PHILIPS ELECTRONICS N.V.**Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

## (72)Name of Inventor :

**1)KURT Ralph****2)SLOB Cornelis****3)DE SAMBER Marc Andre****4)TER LAAK Michael Johan Ferdinand Marie****5)KUMS Gerard****6)LENDERINK Egbert****7)VAN DER LUBBE Marcellus Jacobus Johannes****8)SIPKES Mark Educard Johan**

## (57) Abstract :

A light-emitting module (3a-c; 23; 26; 33a-c) comprising a plurality of light-sources (12a-e; 27a-h) arranged in at least a first and a second column (18a-b; 28a-c) arranged side by side and extending along a first direction of extension (x1) of the light-emitting module (3a-c; 23; 26; 33a-c); and a plurality of connector terminal pairs (13a-b, 14a-b, 15a-b, 16a-b 17a-b), each being electrically connected to a corresponding one of the light-sources (3a-c; 23; 26; 33a-c) for enabling supply of electrical power thereto. Each connector terminal pair (13a-b, 14a-b, 15a-b, 16a-b 17a-b) comprises a first connector terminal (13a, 14a, 15a, 16a 17a) and a second connector terminal (13b, 14b, 15b, 16b 17b) being arranged at opposite sides of the light-emitting module (3a-c; 23; 26; 33a-c). The light-sources (12a-e; 27a-h) are arranged in a predetermined light-source sequence along the first direction of extension (x1) of the light-emitting module (3a-c; 23; 26; 33a-c), and the connector terminal pairs (13a-b, 14a-b, 15a-b, 16a-b 17a-b) being electrically connected to the corresponding light-sources (12a-e; 27a-h) are arranged in the predetermined light-source sequence along the first direction of extension (x1) of the light-emitting module.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2064/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHTING SYSTEM WITH GRAVITY CONTROLLED LIGHT BEAM

(51) International classification :F21V 14/02

(31) Priority Document No :09170490.8

(32) Priority Date :17/09/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/054018

Filing Date :07/09/2010

(87) 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 :

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(72)Name of Inventor :

**1)WILLEMSSEN Oscar Hendrikus**

**2)VISSENBERG Michel Cornelis Josephus Marie**

(57) Abstract :

A lighting system (10 50 70 90) is provided comprising at least one light source (21 91) and at least a first optical element (22 92). The light source (21 91) generates a light beam (12) and the first optical element (22 92) refracts the light beam (12). The light source (21 91) and the first optical element (22 92) are arranged such that the light source (21 91) and/or the first optical element (22 92) are movable under the influence of a gravitational field in such a way that a distance between the light source (21 91) and the first optical element (22 92) is dependent on an orientation of the lighting system (10 50 70 90) with respect to the gravitational field.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1723/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGING MEASUREMENT SYSTEM WITH A PRINTED PHOTODETECTOR ARRAY

(51) International classification :G01T1/20

(31) Priority Document No :61/240443

(32) Priority Date :08/09/2009

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

(86) International Application No :PCT/IB2010/053557

Filing Date :05/08/2010

(87) 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 :

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(72)Name of Inventor :

**1)LEVENE Simha**

**2)ALTMAN Ami**

**3)WAINER Naor**

**4)RONDA Cornelis Reinder**

**5)HASKAL Eliav Itzhak**

**6)DE LEEUW Dagobert Michel**

(57) Abstract :

Low cost large area photodetector arrays are provided. In a first embodiment the photodetectors comprise an inorganic photoelectric conversion material formed in a single thick layer of material. In a second embodiment the photodetectors comprise a lamination of several thin layers of an inorganic photoelectric conversion material the combined thickness of which is large enough to absorb incoming x-rays with a high detector quantum efficiency. In a third embodiment the photodetectors comprise a lamination of several layers of inorganic or organic photoelectric conversion material wherein each layer has a composite scintillator coating.

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1724/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ZENER DIODE PROTECTION NETWORK IN SUBMOUNT FOR LEDS CONNECTED IN SERIES

(51) International classification	:H05B33/08
(31) Priority Document No	:12/556054
(32) Priority Date	:09/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/053773
Filing Date	:20/08/2010
(87) 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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**2)PHILIPS LUMILEDS LIGHTING COMPANY LLC**  
(72)**Name of Inventor :**  
**1)WEI Yajun**  
**2)COLLINS III William D.**  
**3)STEIGERWALD Daniel**

(57) Abstract :

A transient voltage suppressor circuit is disclosed for a plurality (N) of LEDs connected in series. Only one zener diode is created for connection to each node between LEDs, and a pair of zener diodes (the end• zener diodes) are connected to the two pins (anode and cathode pads) of the series string. Therefore, only N+1 zener diodes are used. The end zener diodes (Q1 and Qn+1) effectively create back-to-back zener diodes across the two pins since the zener diodes share a common p+ substrate. The n+ regions of the end zener diodes Q1 and Qn+1 have the highest breakdown voltage requirement and must be placed relatively far apart. Adjacent n+ regions of the intermediate zener diodes have a much lower breakdown voltage requirement so may be located close together. Since there are fewer zener diodes and their spacings may be small, the zener diodes may be placed within a very small footprint or can be larger for better suppressor performance.

No. of Pages : 19 No. of Claims : 15



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2067/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MEDICAL ULTRASOUND DEVICE WITH TEMPERATURE DETECTION AT DISTAL END

(51) International classification :A61B8/08  
(31) Priority Document No :09170526.9  
(32) Priority Date :17/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/054153  
Filing Date :15/09/2010  
(87) 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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(72)**Name of Inventor :**  
**1)MEGENS Mischa**  
**2)SUIJVER Jan Frederik**

(57) Abstract :

A medical ultrasound device is disclosed. The device comprises an elongated body having a proximal end a distal end (10) and a distal end region (1). One or more ultrasound transducers (4) for generating acoustic radiation are positioned in the distal end region inside the elongated body. A transmission element (5) which is substantially transparent to acoustic radiation is positioned in the radiation path of the acoustic radiation and a controller unit is operatively connected to the ultrasound transducer. The controller unit detects the acoustic path length through the transmission element and determines the temperature at the distal end from the detected acoustic path length. In an embodiment the medical device is an ultrasound RF ablation catheter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2068/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : VENOUS VALVING ELEMENT

(51) International classification :A61B17/12  
(31) Priority Document No :09170644.0  
(32) Priority Date :18/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/054063  
Filing Date :09/09/2010  
(87) 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 :  
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(72)Name of Inventor :  
**1)WOERLEE Pierre Hermanus**  
**2)PAULUSSEN Igor Wilhelmus Franciscus**  
**3)NOORDERGRAAF Gerrit Jan**  
**4)NOORDERGRAAF Abraham**

(57) Abstract :

A blood flow control device comprising a flow influencing element arranged to be placed in the vena cava of a human during cardiopulmonary resuscitation and controllable between a non-to-low-flow state in which the flow influencing element substantially reduces a blood flow within the vena cava and a flow state in which the flow influencing element allows substantially unreduced blood flow responsive to an existing or a predicted pressure difference between an upstream area and a downstream area of the flow influencing element. The blood flow control device is capable of reducing retrograde blood flow during the compression phase of CPR and thus improves the efficiency of CPR and blood perfusion. The blood flow control device can also be used for the administration of drugs almost directly to the heart as well as for measuring physiological and chemical properties such as blood gases.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1667/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF 5-CHLORO-N-({(5S)-2-OXO-3[4-(3-OXO-4-MORPHOLINYL)PHENYL]-1,3-OXAZOLIDIN-5-YL} METHYL)-2-THIOPHENECARBOXAMIDE

(51) International classification :C07D  
(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 :**  
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(72)**Name of Inventor :**  
**1)DODDA MOHAN RAO**  
**2)PINGILI KRISHNAREDDY**

(57) Abstract :

The present invention provides processes for the preparation of oxazolidinone derivative 5 -chloro-N- ( {(5 S)-2-oxo-3 - [4-(3 -oxo-4-morpholiny l)phenyl] -1,3 -oxazolidin-5 -yl} methyl)-2-thiophene-carboxamide (I).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1668/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A METHOD AND A SYSTEM FOR ONLINE AND DYNAMIC DISTRIBUTION AND CONFIGURATION OF APPLICATIONS IN A DISTRIBUTED CONTROL SYSTEM

(51) International classification

:G06Q

(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 :

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(72)Name of Inventor :

**1)SANJAY GHOSH**

**2)MALLIKARJUN KANDE**

**3)VENKATESWARAN NARAYANAN**

**4)SANJEEV KOUL**

**5)MICHAEL WAHLER**

**6)STEFAN RICHTER**

(57) Abstract :

The invention relates to a method of online and dynamic distribution and configuration of applications in a Distributed Control System (DCS) having a plurality of controllers, in a plant. The method comprises one or more of the steps of breaking one or more applications correspondingly into one or more blocks, performing dynamic changes to the said application. Also, it caters to managing each of the said blocks and of its corresponding applications thereof, performing dynamic distribution of one or more blocks of one or more applications across one or more controllers. Along with the foregoing the method also provides for synchronizing data between one or more of the said distributed block and managing the applications and of the online schedule thereof. The invention also relate to a system for online and dynamic distribution and configuration of applications in a Distributed Control System (DCS) having a plurality of controllers, in a plant in accordance with the method of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2070/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING A PROPERTY OF BLUR IN A BLURRED IMAGE

(51) International classification	:G06T7/00	(71)Name of Applicant :	
(31) Priority Document No	:09170638.2	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>	
(32) Priority Date	:18/09/2009	Address of Applicant :GROENEWOUDSEWEG 1	
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS	
(86) International Application No	:PCT/IB2010/054154	(72)Name of Inventor :	
Filing Date	:15/09/2010	<b>1)WIEMKER Rafael</b>	
(87) International Publication No	: NA	<b>2)BUELOW Thomas</b>	
(61) Patent of Addition to Application Number	:NA	<b>3)RENISCH Steffen</b>	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A system and a method of determining a property of blur in an image are provided. According to other aspects a medical image acquisition apparatus, a medical workstation and a computer program product are provided. The system 100 comprises a receiver 102 for receiving the image of an object-of-interest of a body. The image comprises blur. Further, the system comprises a determining subsystem 122 for determining a value of a characteristic of the blur in the image on individual lines of a plurality of lines intersecting with the object-of-interest at different angles. Thus, the lines extend in different directions. The determination of the value comprises analyzing the image along the respective lines. The system further comprises an obtaining subsystem 126 for obtaining a direction in which the value of the characteristic of the blur is maximal, based on the determined values on the individual lines of the plurality of lines, which lines extend in different directions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2071/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LUMINAIRE AND OPTICAL COMPONENT

(51) International classification :F21V5/00  
(31) Priority Document No :09170733.1  
(32) Priority Date :18/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/054109  
Filing Date :13/09/2010  
(87) 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 :**  
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(72)**Name of Inventor :**  
**1)VISSENBERG Michel Cornelis Josephus Marie**  
**2)KRIJN Marcellinus Petrus Carolus Michael**  
**3)UITBELJERSE Bastiaan**

(57) Abstract :

It is presented an optical component (5) a first side (30) and a refractive opposite side (14). The refractive side (14) presents a refractive surface (13) and has radially extending refractive structures (6) for refracting light mainly in the azimuth direction (27) of an inciding light beam. The optical component (5) can be used as an exit window in a luminaire (1) having at least one light source (4) whereby light inhomogeneity may be reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2072/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MR IMAGING SYSTEM WITH CARDIAC COIL AND DEFIBRILLATOR

(51) International classification :G01R33/28

(31) Priority Document No :09170832.1

(32) Priority Date :21/09/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/054155

Filing Date :15/09/2010

(87) 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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(72)Name of Inventor :

**1)WEISS Steffen**

**2)DAVID Bernd**

**3)LIPS Oliver**

**4)KRUEGER Sascha**

(57) Abstract :

The invention relates to a magnetic resonance imaging system comprising a main magnet coil (2) for generating a uniform steady magnetic field within an examination volume a number of gradient coils (4 5 6) for generating switched magnetic field gradients in different spatial directions within the examination volume at least one cardiac RF coil (11) for transmitting RF pulses to and/or receiving MR signals from the chest region of a body (10) of a patient positioned in the examination volume a control unit (13) for controlling the temporal succession of RF pulses and switched magnetic field gradients and a reconstruction unit (15) for reconstructing a MR image from the MR signals. region of the body (10) is accessible

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2065/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MULTI-ELEMENT TRANSMIT RF CHAIN WITH LOCAL AUTOMATIC TUNE AND MATCH DEVICE

(51) International classification :G01R 33/36

(31) Priority Document No :61/243189

(32) Priority Date :17/09/2009

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

(86) International Application No :PCT/IB2010/053553

Filing Date :05/08/2010

(87) 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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(72)Name of Inventor :

**1)LEUSSLER Christoph**

(57) Abstract :

An automatic tune and match device (3) and method comprises a reflected power sensor (32) which detects power reflected from a load (18 18<sup>TM</sup>) and an LC matching circuit in series with the load being programmable to minimize the reflected power. The LC matching circuit includes an inductor matrix (34) in series with the load (18 18<sup>TM</sup>) and a capacitor matrix (36) in parallel with the inductor matrix. A matrix controller (38) configures at least one of the inductor matrix or capacitor matrix based on the detected reflected power to minimize the reflected power.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2066/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : IMAGE INTENSITY CORRECTION FOR MAGNETIC RESONANCE IMAGING

(51) International classification	:G01R 33/565	(71)Name of Applicant :
(31) Priority Document No	:61/243193	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:17/09/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053556	(72)Name of Inventor :
Filing Date	:05/08/2010	<b>1)HARVEY Paul R.</b>
(87) International Publication No	: NA	<b>2)ROZIJN Thomas H.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)VAN IJPEREN Gerrit Hendrik.</b>
Filing Date	:NA	<b>4)PRINS Willem M.</b>
(62) Divisional to Application Number	:NA	<b>5)MENS Wilhelmus R. M.</b>
Filing Date	:NA	<b>6)BENSCHOP Franciscus J. M.</b>

(57) Abstract :

A magnetic resonance system comprises: a magnetic resonance scanner (10) including a multi channel transmit coil or coil system (20) and a magnetic resonance receive element (22); and a digital processor (40) configured to perform an imaging process including shimming the multi channel transmit coil or coil system (20) acquiring a coil sensitivity map for the magnetic resonance receive element (22) using the multi channel transmit coil or coil system acquiring a magnetic resonance image using the magnetic resonance receive element and the shimmed multi channel transmit coil or coil system and performing an intensity level correction on the acquired magnetic resonance image using the coil sensitivity map to generate a corrected magnetic resonance image.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2067/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : VACCINE COMPOSITIONS AND USES THEREOF

(51) International classification	:C07K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)BHARAT BIOTECH INTERNATIONAL LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :GENOME VALLEY,
(33) Name of priority country	:NA	TURKAPALLY SHAMEERPET, HYDERABAD 500 078
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)ELLA KRISHNA MURTHY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SUMATHY KNADASWAMY</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vaccine composition for prophylaxis and treatment of Chikungunya virus infections is disclosed which is capable of conferring immunity against any genotypic variants of the Chikungunya virus. More particularly the invention discloses particular nucleotide sequences and their translated proteins thereof, which may be expressed as Virus Like Particles which for use as a vaccine antigens against Chikungunya virus infections. The compositions disclosed in this invention are also protective against any genotypic variants of the Chikungunya virus which may be propagated by any suitable vector of the disease including Aedis albopictus and Aedis aegypti.

No. of Pages : 119 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2073/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRONIC BALLAST WITH DIMMING CIRCUIT

(51) International classification :H05B41/392

(31) Priority Document No :61/243744

(32) Priority Date :18/09/2009

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

(86) International Application No :PCT/IB2010/053977

Filing Date :03/09/2010

(87) 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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**2)KEITH William Lawrence**

**3)HARISH GOPALA PILLAI Raman Nair**

**4)JANCZAK Jerzy**

**5)MI Ningliang**

**6)BADDELA Srinivasa**

(57) Abstract :

An electronic ballast with dimming circuit including an electronic ballast dimming circuit receiving an analog dimming signal the electronic ballast dimming circuit including an input dimming circuit (210) operable to receive the analog dimming signal (252) at an analog dimming signal input (212); and an output dimming circuit (220) operably connected to the input dimming circuit (210) the output dimming circuit (220) being operable to receive a fixed frequency signal (222) having a variable duty cycle and to generate an analog dimming control signal (224) in response to the analog dimming signal (252). Output voltage at the analog dimming signal input (212) is a function of the variable duty cycle of the fixed frequency signal (222) when the analog dimming signal (252) is not present at the analog dimming signal input (212).

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2074/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : GLASS PACKAGE FOR SEALING A DEVICE&NBSP; AND SYSTEM COMPRISING GLASS PACKAGE

(51) International classification :C03C27/06  
(31) Priority Document No :09170918.8  
(32) Priority Date :22/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/054157  
Filing Date :15/09/2010  
(87) 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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(72)**Name of Inventor :**  
**1)VAN DIJK Franciscus Arnoldus Gerardus**  
**2)SANDERS Renatus Hendricus Maria**  
**3)TIMMERMANS Petrus Henricus Maria**

(57) Abstract :

The invention relates to a glass package (100) for sealing a device (120), to a system (110) comprising the glass package, a light source (210), a luminaire (200), a backlighting system (310), and to a display device (300). The glass package according to the invention comprises a first glass substrate (10), a second glass substrate (20), and a seal (30) sealing an interface between the first glass substrate and the second glass substrate. The seal comprises a frit (30) comprising glass. A CTE of the frit is chosen to be at least 10% lower compared to the CTE of the first glass substrate and/or of the second glass substrate. An effect of the glass package according to the invention is that the difference between the CTE of the frit compared to the CTE of the first glass substrate and/or the second glass substrate enables to generate a gas-tight sealed glass package while using a glass-material as the first glass substrate and/or as the second glass substrate which has a relatively high CTE.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1716/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : PROJECTION VALUES PROCESSING APPARATUS

(51) International classification :G06T11/00  
(31) Priority Document No :09169583.3  
(32) Priority Date :07/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053916  
Filing Date :01/09/2010  
(87) 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 :**  
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(72)**Name of Inventor :**  
**1)NIELSEN Tim**  
**2)KOEHLER Thomas**  
**3)BRENDDEL Bernhard Johannes**

(57) Abstract :

The invention relates to a projection values processing apparatus (1) for processing acquired projection values. A first image is reconstructed from acquired projection values under consideration of a reconstruction assumption by a reconstruction unit (13). A simulated projection values determining unit (14) determines simulated projection values by simulating a projection through the reconstructed first image under consideration of the reconstruction assumption and inconsistency values are determined for the acquired projection values by an inconsistency determining unit (15) wherein an inconsistency value is indicative of a degree of inconsistency of a respective acquired projection value with the reconstruction assumption by comparing the acquired projection values and the simulated projection values. The inconsistency values can be used for different purposes for example improving the quality of a reconstructed image or indicating image elements being affected by an inconsistency between reconstruction assumption and acquired projection values.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1717/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : BUS TRANSACTION MONITORING AND DEBUGGING SYSTEM USING FPGA

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)WHIZCHIP DESIGN TECHNOLOGIES PVT.LTD.</b>
(32) Priority Date	:NA	Address of Applicant :NO. 406, II FLOOR, VII MAIN,
(33) Name of priority country	:NA	JAYANAGAR II BLOCK, BANGALORE - 560 011 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)RAVI SHANKAR R</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SENTHIL B.</b>
Filing Date	:NA	<b>3)BALARAMAIIH TIRUVEEDHULA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a method and system for providing a bus transaction monitoring and debugging using FPGA. The system comprises a first FPGA, a second FPGA, application software and a communication interface to connect the second FPGA with the application software. The second FPGA comprises a monitor RTL for tapping the plurality of data signals from different levels of the first FPGA, a transaction based signal trigger for capturing the plurality of signals tapped at different levels of the RTL, a monitor data interface for storing the plurality of data signals of interest and a packetizer for converting the plurality of signals to plurality of packets and transmit the plurality of packets to the application software. The application software decodes the transmitted packets and displays the transactions on a waveform viewer by communicating the information related to the packets using a plurality of communication protocols.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1717/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : MOTION MONITORING SYSTEM FOR MONITORING MOTION WITHIN A REGION OF INTEREST

(51) International classification :G06T7/20  
(31) Priority Document No :09169698.9  
(32) Priority Date :08/09/2009  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2010/053681  
Filing Date :16/08/2010  
(87) 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 :  
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(72)Name of Inventor :  
**1)KATSCHER Ulrich**  
**2)BOERNERT Peter**  
**3)STEHNING Christian**  
**4)GRAESSLIN Ingmar**

(57) Abstract :

The invention relates to a motion monitoring system (1) for monitoring motion within a region of interest (2). The motion monitoring system (1) comprises a magnetic induction tomography detection data acquisition unit (3) for acquiring MIT detection data of the region of interest (2) and a motion determining unit (4) for determining motion within the region of interest (2) based on the acquired MIT detection data. The invention relates further to an imaging system for imaging a region of interest comprising the motion monitoring system (1). The determined motion can be used for reducing motion artifacts in reconstructed images.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1718/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/05/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : ABOVE THE ROAD TWO OF RESIDENTAL HOUSES

(51) International classification

:E01C

(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

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Nadu India

(72)Name of Inventor :

**1) M.J. JYOTHISH**

(57) Abstract :

This project describes about the construction of two rows of residential houses over a road, which requires to be widened, without disturbing the residents who reside on either side of the said road. The land required for widening can be easily acquired by giving alternate accommodation over the road. This project can be applied in a large scale over all roads and rails also, which will be beneficial to all who want their own houses.

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



(12) PATENT APPLICATION PUBLICATION

(21) Application No.1967/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : LIGHT EMITTER WITH PREDEFINED ANGULAR COLOR POINT DISTRIBUTION

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:09170471.8	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:16/09/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051730	(72)Name of Inventor :
Filing Date	:20/04/2010	<b>1)HIKMET Rifat A. M.</b>
(87) International Publication No	: NA	<b>2)VAN BOMMEL Ties</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NI Yongfeng</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a light emitter adapted for emitting light with a predefined angular color point distribution, to a method of use for a light emitter in video flash applications, in automotive headlight applications and/or in automotive lamp applications, and to a method, adapted for generating light with a predefined angular color point distribution. The light emitter is adapted for emitting light with a predefined angular color point distribution through an output and comprises a phosphor (2) and a pump source (1), wherein the pump source (1) is adapted for emitting pump light to at least part of the phosphor (2), and the phosphor (2) is adapted for emitting phosphor light by light conversion of absorbed pump light, and wherein a matching element (4) is provided which is arranged at least partly between the phosphor (2) and the output of the light emitter, and which is adapted for adjusting the ratio of the light intensity of the emitted phosphor light emitted by the phosphor (2) towards the output of the light emitter to the light intensity of the transmitted pump light going through the phosphor (2) towards the output of the light emitter. In this way, a versatile light emitter with a predefined angular color point distribution in conjunction with any desired angular light intensity distribution is provided at low costs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.209/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : ELECTRIC SUCTION CUP

(51) International classification	:F15B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/018,704	<b>1)DELAWARE CAPITAL FORMATION INC.</b>
(32) Priority Date	:01/02/2011	Address of Applicant :501 Silverside Road Suite 5
(33) Name of priority country	:U.S.A.	Wilmington Delaware 19809 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JASON M. KNISS</b>
(87) International Publication No	: NA	<b>2)MAURICE PERLMANN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)JAMES GEARY</b>
Filing Date	:NA	<b>4)ORLANDO TRUJILLO</b>
(62) Divisional to Application Number	:NA	<b>5)GARY R. MICHELS</b>
Filing Date	:NA	<b>6)JEFFREY J. MRUZIK</b>

(57) Abstract :

A suction cup assembly has a housing with an actuator in the housing. A flexible cup is coupled with the housing. The actuator movement causes the flexible cup to move between at least two positions. In a first position the flexible cup moves into an increased volume position. In a second position the flexible cup moves into at least a neutral volume position. In the increased volume position the flexible cup seals with a surface. In the neutral volume position the flexible cup releases from the surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2090/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF LINAGLIPTIN AND INTERMEDIATES THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr. Reddy<sup>TM</sup>s Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :Dr. Reddy <sup>TM</sup> s Laboratories Limited
(33) Name of priority country	:NA	8-2-337 Road No. 3 Banjara hills Hyderabad 500034 Andhra Pradesh India
(86) International Application No	:NA	<b>2)Dr.Reddy<sup>TM</sup>s Laboratories Inc.</b>
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)Taduri Bhanu Pratap</b>
(61) Patent of Addition to Application Number	:NA	<b>2)Pranab Haldar</b>
Filing Date	:NA	<b>3)Karri Vijaya Kumar</b>
(62) Divisional to Application Number	:NA	<b>4)Vagwala Raghunath</b>
Filing Date	:NA	<b>5)Rangineni Srinivasulu</b>
		<b>6)Kondiparthi Animesh</b>

(57) Abstract :

The application relates to processes for preparation of linagliptin and its intermediate 3-methyl-8-bromo-xanthine. The structures of linagliptin (I) and 3-methyl-8-bromo-xanthine (VI) are shown below.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2091/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : SAGO RICE ROASTING DEVICE AND A PROCESS THEREOF

(51) International classification	:A23N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Krishnan V.</b>
(32) Priority Date	:NA	Address of Applicant :Sri Velmurugan Sago Factory
(33) Name of priority country	:NA	Karutharajapalaym Post Malliakkarai Attur Salem-636107
(86) International Application No	:NA	Tamil Nadu India.
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)Krishnan V.</b>
(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 device for processing products obtained from plants. More particularly, it relates to a device for roasting food granules like sago pearl obtained from the tuberous roots of tapioca by way of timer motor operated churning unit comprises of turning rod having plurality of oscillating arms with stirring plates. The present invention also relates to a process of roasting the food grains.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2095/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF EFAVIRENZ

(51) International classification

:A61K

(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

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**2)ABBINENI, JYOTHI BASU**

**3)KONUDULA, BABU RAO**

**4)KARUTURI, SRINIVASA RAO**

**5)GORANTLA, ADISESHAGIRI RAO**

(57) Abstract :

The present invention relates to an improved process for the preparation of chiral alcohols compounds by asymmetric alkynylation of ketones. The chiral alcohols are used in the preparation of HIV reverse transcriptase inhibitor such as Efavirenz.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2096/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/06/2011

(43) Publication Date : 21/06/2013

(54) Title of the invention : A MODULAR POWER SUPPLY FOR DISTRIBUTION AUTOMATION SYSTEM

(51) International classification	:G05B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ABB TECHNOLOGY LTD</b>
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-
(33) Name of priority country	:NA	8050 ZURICH Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HARDIK B PATEL</b>
(87) International 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 power supplies modules for distribution automation system and more particularly to provision of power supply in remote input output devices such that more than one power supplies modules may be effectively connected together. Power supply modules connected together in parallel, with common or independent input sources, share the load proportionally (equally) by load share control. The parallel modular power supply system are coupled at input, output and for load sharing control have interferences/cross talks amongst them, causing difficulty in achieving stability over the entire range of operations specially with independent input sources having wide differences in the input voltage levels. The invention provides for effective decoupling of power supply modules and improved stability by use of a filter amplifier component to reduce the effect of noise in the power supply module in the secondary side within the power supply module. The power supply module for distribution automation system also provides a means to indicate and communicate health status from each of the power supply modules connected together. .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2075/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : FLUID RESERVOIR FOR A HANDHELD DEVICE FOR PERSONAL CARE

(51) International classification	:B26B19/40
(31) Priority Document No	:09170970.9
(32) Priority Date	:22/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053628
Filing Date	:11/08/2010
(87) 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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(72)**Name of Inventor :**  
**1)M.SC. LELIEVELD Mark**  
**2)RAAP Gerben**  
**3)BENNIK Jan**

(57) Abstract :

Fluid reservoir for storing a fluid for a handheld device like a shaving apparatus. The handheld device may have a replaceable fluid reservoir such as a cartridge or an incorporated fluid reservoir. The fluid reservoir comprises a housing and a flexible membrane. The flexible membrane delimits a variable storage volume in the housing. The storage volume may be varied by a deformation of the membrane. The variable storage volume has an output port. The fluid reservoir according to the invention further comprises a coil spring to exert a force on the membrane to pressurize a fluid in the storage volume.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2076/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 21/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR ACQUIRING DIAGNOSTIC INFORMATION

(51) International classification :A61B5/055

(31) Priority Document No :09170899.0

(32) Priority Date :22/09/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/054185

Filing Date :16/09/2010

(87) 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 :

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(72)Name of Inventor :

**1)HOLTHUIZEN Ronaldus Frederik Johannes**

**2)DEN HARDER Johan Michiel**

**3)DE KOK Wendy**

(57) Abstract :

Method and apparatus for acquiring diagnostic information comprising: - a data acquisition module for acquiring image data of at least a part of a persons anatomy - a planning module defining with reference to a spatial position and orientation of an example anatomy at least one series of scanning steps to be executed with the data acquisition module on an actual anatomy - a user interface to adjust imaging parameters to be used in a selected scanning step of a series of scanning steps for acquiring image data of that actual anatomy wherein - the user interface displays for every step of the selected series of scanning steps predefined scanning parameters pertaining to the example anatomy and - the user interface is arranged to have a user select the actual imaging parameters to be used in each such step of the selected series of scanning steps with reference to a pre-established three-dimensional survey volume of the actual anatomy.

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

***CONTINUED TO PART- 2***