

पेटेंट कार्यालय  
का  
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

## **INTRODUCTION**

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

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

14<sup>th</sup> JUNE, 2013

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**THE PATENT OFFICE  
KOLKATA, 14/06/2013**

**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:-**

1	<p>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>	4	<p>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> <ul style="list-style-type: none"> <li>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</li> </ul>
2	<p>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> <ul style="list-style-type: none"> <li>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu &amp; Dadra and Nagar Haveli</li> </ul>	5	<p>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> <ul style="list-style-type: none"> <li>❖ Rest of India</li> </ul>
3	<p>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> <ul style="list-style-type: none"> <li>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh.</li> </ul>		

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 14/06/2013**  
**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	<p>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:cgpdtm@nic.in">cgpdtm@nic.in</a></p>	4	<p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टू ईंगल फ्लार्स 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, लक्ष्मीप</p>
2	<p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a></p> <p>❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	5	<p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: <a href="mailto:kolkata-patent@nic.in">kolkata-patent@nic.in</a></p> <p>❖ भारत का अवशेष क्षेत्र</p>
3	<p>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></p> <p>❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>		

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 रखीकृत 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 है।

## **SPECIAL NOTICE**

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.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 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.1167/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR MODULAR BUILDING CONSTRUCTION-INSTAHOME

(51) International classification	:E04B	(71) <b>Name of Applicant :</b> <b>1)HARPAL SINGH</b> Address of Applicant :M/S SYNERGY THRISLINGTON, A-1, INDUSTRIAL AREA, PHASE-1, MOHALI, Punjab India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) <b>Name of Inventor :</b> <b>1)HARPAL SINGH</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filed on	: :01/01/1900	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a method and system for fast modular construction. The invention specifically relates to a method and system for preparing complete building steel structures off site thereby reducing the onsite installation time. The invention further relates to the use of steel frame, Pillars, EPS panels with 3-D wire, Aluminum form work, and concrete and in the use of modular constructions. The modular building structures comprises of a plurality of modular units that are built off-site and shipped to on-site before the pouring of foundation. The modular units are then mated on-site thereby, reducing on-site work to less than 30 %. No welding is required on-site. This concept is less time consuming, cost effective, monolithic and earthquake resistant building method.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1330/DEL/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PACKAGING MACHINE

(51) International classification	:B65B	(71) <b>Name of Applicant :</b> <b>1)Akash Pack Tech Pvt. Ltd.</b> Address of Applicant :Plot No. 89, HSIDC, Sector-59, HSIDC Industrial Estate, Faridabad- 121 004 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	(72) <b>Name of Inventor :</b> <b>1)SINGH, Pratap</b>
Filing Date	:01/01/1900	
(87) International Publication 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 packaging machine (100) is described. In an embodiment, the packaging machine (100) includes a filling system (102) for filling material in a packaging machine, and a weighing unit (204). The weighing unit (204) includes at least one filling bucket (212) mounted to a frame (200) to receive the material, the filling bucket (212) having a flap (216) for dispensing the material. The weighing unit (204) further includes a load cell (214) operably coupled to the frame (200) to determine a weight of the material in the filling bucket (212), and an actuator (218) to actuate the flap (216) of the filling bucket (212). The packaging machine (100) includes a controller to control the actuator (218) for dispensing the material from the filling bucket (212), based on the weight of the material in the filling bucket (212).

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1333/DEL/2013 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : AUTO DIPPER

(51) International classification	:H05B	(71) <b>Name of Applicant :</b> <b>1)BHAIRMA VIJAY KUMAR (DR.)</b> Address of Applicant :BHAIRMA VIJAY KUMAR 789, POCKET-E MAYUR VIHAR-II DELHI-91 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	: 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 Auto Dipper comprising of - at least one light sensor, - The output of said sensor is connected to a timer integrated circuit (TIC) through intensity control device, - The output of said timer integrated circuit (TIC) is connected to a (T3) switching transistor to activate the relay, - The said relay is connected to low and high beam lights, - The arrangement between sensor, TIC, switch and the relay being such that when TIC is activated, the said switch energizes the relay (RLI) and thereby dip the light from high beam to low beam whenever the light from the oncoming vehicle falls on the said sensor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/05/2013

(21) Application No.1358/DEL/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PREPARATION OF CNTS USING PROTEIN AND NICKEL SALT.

(51) International classification	:C01B	(71) <b>Name of Applicant :</b> <b>1)SANJAY SAXENA</b> Address of Applicant :D-14 MANAVYAR BLOCK NIMS UNIVERSITY CAMPUS JAIPUR PIN 303121 Rajasthan 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Nanotechnology is one of the most rapidly growing techniques these days. Nano materials are considered to be the heart and soul of this technology. So it is quite essential to develop new methods to produce Nanomaterials. Keeping this view in mind CNTs are made using amino acids present in egg albumin and Metal ion .The chemical compound, so formed on decomposition at different temperatures gave CNTs. These CNTs are under characterisation using IR, NMR, SEM, DLS and XRD.

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1359/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/05/2013

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PREPARATION OF CNTS USING DENATURED PROTEIN AND NICKEL SALT.

(51) International classification	:C01B	(71) <b>Name of Applicant :</b> <b>1)SANJAY SAXENA</b> Address of Applicant :D-14 MANAVYAR BLOCK NIMS UNIVERSITY CAMPUS JAIPUR PIN 303121 Rajasthan 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Nanotechnology due to its waste applications has affected every sphere of life. We cant even think of living a comfortable life without nanotechnology. Especially its applications in the field of health care are very useful for human beings. Nanomaterials are very important for this technology. So it is quite useful and beneficial to develop new methods to produce Nanomaterials. Keeping this view in mind a new method is developed to produce CNTs. In this method CNTs are made by the reaction of amino acids present in egg albumin and Metal ion. The chemical compound formed by the above reaction when decomposed at different temperatures gave CNTs. These CNTs are under characterisation using IR, NMR, SEM, and TEM.

No. of Pages : 20 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1285/DEL/2013 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : AIR ENTRAINED BLAST FURNACE SLAG CONCRETE AND METHOD OF MANUFACTURING THEREOF

(51) International classification	:C21B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. VIJAY PAL SINGH</b>
(32) Priority Date	:NA	Address of Applicant :ASSOCIATE PROFESSOR, CIVIL
(33) Name of priority country	:NA	ENGINEERING DEPARTMENT, NATIONAL INSTITUTE
(86) International Application No	:NA	OF TECHNOLOGY, KURUKSHETRA, HARYANA-136119
Filing Date	:NA	India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1)DR. VIJAY PAL SINGH</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The composition of air entrained blast furnace slag concrete made of well graded or all in coarse aggregate made by crushing the blast furnace slag obtained from the iron manufacture industries, slag dust as replacement of fine aggregate; cement and water along with lignin a waste product from wooden industries to be used as admixture. The replacement of blast furnace slag as coarse and fine aggregate and addition of lignin would increases strength by 5 to 15 percent and improves resistance to freeze and thaw.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1331/DEL/2013 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : METHODOLOGY FOR PREPARING RADON GAS SHIELDING MATERIAL USING SILICA FUMES.

(51) International classification	:C04B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)CHAUHAN RISHI PAL</b>
(32) Priority Date	:NA	Address of Applicant :DA-5, NATIONAL INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY CAMPUS, KURUKSHETRA-136119,
(86) International Application No	:NA	Haryana India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)CHAUHAN RISHI PAL</b>
(61) Patent of Addition to Application Number	:NA	<b>2)AMIT KUMAR</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The radioactive gas radon is found everywhere in the environment due to emission from soil and building materials. The diffusion and advection of radon gas from soil to indoor are responsible for its higher indoor concentration. The diffusion process is the major contributor to indoor radon levels. The present invention describes the formation of concrete for flooring through the use of silica fumes, a byproduct of glass and ferrosilicon industries, in the different weight percentage substitution with cement. The use of such concrete reduces the diffusion of radon from soil to indoor environment as compare to control concrete. The present invention also ensures that the compressive strength of the concrete should not decrease with such substitution. The porosity of the test specimen was also measured by water absorption method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1381/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MINI OVERFLOW WEIR/DAMS TO STORE RIVER WATER (MOD-TSR)

(51) International classification	:E02B	(71) <b>Name of Applicant :</b> <b>1)K. SALEEM ALI</b> Address of Applicant :2C, HUDCO PLACE ANDREWS GANJ NEW DELHI-110049 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)K. SALEEM ALI</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 mini overflow concrete gravitational dam/ weir for storing the river water by making optimum use of gradient and the embankment that border the river, wherein: a. the cascade commences from the river mouth and then proceed upwards, in series; b. raising the embankment along the banks to a height higher than the dam section to an extent that is required for passing the design flood discharge of the river along the gradient till it tapers off to zero height so as to hold substantial amount of water; c. providing sluice gates for regulating the movement of silt during the peak period so as to avoid silting of reservoir and also to conserve the nature of river flow.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1380/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 14/06/2013

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(54) Title of the invention : INSTANT SOLAR WATER HEATER.

(51) International classification	:F24J	(71) <b>Name of Applicant :</b> <b>1)BHASKAR ADITYA VYAS</b> Address of Applicant :JA-23E(TOP), HARI ENCLAVE, HARI NAGAR, N.DELHI. 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)BHASKAR ADITYA VYAS</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 :

This design of instant solar water heater gives us the hot water within 5 minutes. It gives us the running hot water. The process of this system is similar to the design of solar tower. But here we make some changes to improve the efficiency and develop it for applicable for domestic uses. In this system we concentrate the solar radiation to the semi-black body receivers and utilize the maximum solar radiation to rise up the temperature of water. This system starts working within 5 minutes as tested.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3010/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : AN ARRANGEMENT FOR OPENING A DISC VALVE INSIDE A LAVATORY OF A COACH

(51) International classification	:E03D	(71) <b>Name of Applicant :</b> <b>1)Mohan Rail Components Pvt. Ltd.</b> Address of Applicant :Opp RCF Hussainpur. Kapurthala. 144602 Punjab 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)Singh Amandeep</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 arrangement and a disc valve (7) for opening said disc valve (7) inside a lavatory of a coach. The arrangement comprises a paddle (1) a lever (2) connected to said paddle (1) a gear and a rack assembly linked to said lever (2) and disc valve (7) an opening mechanism (9) housed inside the lavatory facilitated by said assembly linked to said disc valve (7) for clearing one or more non-biodegradable objects and wherein said assembly is operational in a limited space provided between a retention tank (10) and a coach underframe (11).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.728/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FILLER MACHINE

(51) International classification	:B65B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Akash Pack Tech Pvt. Ltd.</b>
(32) Priority Date	:NA	Address of Applicant :Plot No. 89, HSIDC, Sector-59,
(33) Name of priority country	:NA	HSIDC Industrial Estate, Faridabad- 121 004 India
(86) International Application No	:PCT//	(72) <b>Name of Inventor :</b>
Filing Date	:01/01/1900	<b>1)Singh, Pratap</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 filler machine (100) for filling of material is described. In an embodiment, the filler machine (100) includes a dispensing system (114) connected to an inlet funnel (108) for receiving material for being filled and dispenses the material into an outlet funnel (110). Further, the dispensing system (114) includes a filling cylinder (202) receiving the material to be filled from the inlet funnel (108), where the filling cylinder (202) is actuated to intermittently dispense the material to be filled and a stopper (212) to regulate dispensing of the material from the filling cylinder (202). Furthermore, the dispensing system (114) includes a plurality of measuring structures (210) being actuated to alternately abut the stopper (212) to form a cup-like structure to be filled by the filling cylinder (202), where when one measuring structure (210-1) abuts the stopper (212), another measuring structure (210-2) is in an open position to further dispense the material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2012

(21) Application No.3640/DEL/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A SYSTEM AND METHOD FOR MODULAR BUILDING CONSTRUCTION

(51) International classification	:E04B	(71) <b>Name of Applicant :</b> <b>1)HARPAL SINGH</b> Address of Applicant :M/S SYNERGY THRISLINGTON, A-1, INDUSTRIAL AREA, PHASE 1, MOHALI, Punjab 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	: 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 and system for modular construction. The invention specifically relates to a method and system for preparing complete building structures off site thereby reducing the onsite installation time. The invention further relates to the use of steel frame in the use of modular constructions. The modular building structures comprises of a plurality of modular units that are built off-site and shipped to on-site before the pouring of foundation. The modular units are then mated on-site thereby, reducing on-site work to less than 20 %. No scaffolding, water curing, welding is required on-site. This concept is more energy efficient, cost effective and the air inside the building is 25 times cleaner.

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1311/MUM/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A MODIFIED RELEASE AGROCHEMICAL COMPOSITION AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:A01N 37/34; A01N 25/00	(71)Name of Applicant : <b>1)GUJARAT STATE FERTILIZERS AND CHEMICALS LTD.,</b> Address of Applicant :FERTILIZERNAGAR, DISTRICT VADODARA, GUJARAT - 391750 Gujarat India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)GARG DINESH HARJIWANLAL</b>
(33) Name of priority country	:NA	<b>2)SHAH DINESH PREMCHANDBHAI</b>
(86) International Application No	:NA	<b>3)PATEL VINOD KANTILAL</b>
Filing Date	:NA	<b>4)MISHRA NEELAM</b>
(87) International Publication No	: NA	<b>5)CHAKRABORTY ATANU</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 disclosure relates to a modified release agrochemical composition and a process for preparing the same. The composition comprises a core of one or more active ingredient coated with at least one layer of hydrophobic material as a preliminary coat which is further coated with at least one layer of polyurethane based polymeric material. The layer of polyurethane is formed by in-situ polymerization of polyol and isocyanate compounds during the coating operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1636/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : A NEW METHOD TO GENERATE STEAM FOR POWER GENERATION AND INDUSTRIAL USE

(51) International classification	:F01K3/18	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)VIRENDRA A. GANDHI</b>
(32) Priority Date	:NA	Address of Applicant :302, SWAPNALOK APT, PARLE
(33) Name of priority country	:NA	POINT SURAT, PIN-395007 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)VIRENDRA A. GANDHI</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 method is to use a combination of Thermal Conductivity and Electricity Reduction of Entropy and to generate steam for various purposes like, generating electricity by passing the steam through a steam Turbine to generate electricity, using steam for any industrial/ home residential use, and/or for heating/boiling water. Or for other applications such as in Semi conductors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1778/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A TECHNICAL DEVICE ENHANCING 4 TIMES THE MILEAGE OF VEHICLES

(51) International classification	:F02M23/00, F02M33/00	(71)Name of Applicant : <b>1)TIWARI SAURABH NANDKUMAR</b> Address of Applicant :NEAR SAIMANDIR, SAINATH COLONY KANDLI ROAD, PARATWADA- 444805 TQ:ACHALPUR, DIST:AMRAVATI, ST:MAHARASHTRA. 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	: NA	(72)Name of Inventor : <b>1)TIWARI SAURABH NANDKUMAR</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In 4 stroke two wheeler engine petrol is wasted due to excessive quantity of flow inside the cylinder in which the piston lies and also by incomplete consumption. By arranging some tools along with extra pipe, container, and designed compressor, so we can reduce the flow of petrol by bombarding vapors directly to the piston along with air by adjusting air pressure require to compress the piston of engine. That technique is significantly used to increase the mileage of four stroke two wheeler engine 4 times than the original mileage of the vehicle in so reasonable arrangement by adding the above given tools and skip some original tools in the arrangement of the vehicle by resulting of which huge quantity of petrol can be saved and increase in torque of vehicle can be observed without affecting the performance of the engine of vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1813/MUM/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PET BOTTLE CARRIER

(51) International classification	:B65D71/00	(71) <b>Name of Applicant :</b> <b>1)MR. UDAYISING SHIVAJIRAO KHANVILKAR</b> Address of Applicant :521, E WARD, SHAHUPURI, NEAR RAILWAY CROSSING NO - 1, KOLHAPUR - 416001, MAHARASHTRA, INDIA 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A moulded plastic carrier for carrying pet bottles in single & in sets of two, three, four, five, six, twelve, etc (Images of the same attached as per Annexure). Has been moulded in such a way that the neck of the bottle i.e. right below the collar will take seat in the opening that forms the central vertical axis of the bottle. The position of this vertical axis is determined by the maximum diameter along the bottle length, this position will rest on the maximum diameter of the next bottle creating a 2nd support for the bottle set.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1819/MUM/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : DIGITAL TOUCH BUTTON LPG GAS STOVE WITH VOICE RESPONSE SYSTEM

(51) International classification	:F24C3/00	(71) <b>Name of Applicant :</b> <b>1)PRAVINCHANDRA KHERAJ SOMAIYA</b> Address of Applicant :ROOM NO:- 3, PLOT NO:-252, ABHINANDAN SOCIETY, GORAI(2), BORIVALI(W), MUMBAI-91, NEAR PRAGATI BUS STOP. 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	: NA	<b>2)AMIT PRAVINCHANDRA SOMAIYA</b>
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRAVINCHANDRA KHERAJ SOMAIYA</b>
(62) Divisional to Application Number	:NA	<b>2)AMIT PRAVINCHANDRA SOMAIYA</b>
Filing Date	:NA	

(57) Abstract :

The present invention is an improved electric Gas system for our todays modern world, Microprocessor is control unit, A set of touch buttons & heat censors are used as input unit, An electric valve connected between the main LPG intake & the gas burners acts as an output unit, also an audio output speakers are connected, Microprocessor received data from the input unit and it send signals to the output unit that is electric valve which controls the LPG gas flow & also turn it off when required, this helps us to save LPG gas, A voice output unit play the recorded voice clip so that the user is informed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2013

(21) Application No.1774/MUM/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SMARTTOP

(51) International classification	:G06F1/00, G06F15/00	(71) <b>Name of Applicant :</b> <b>1)KOLAMBEKAR MAHANANDA RAMESH</b> Address of Applicant :A-204, SWASTIK APT., PLOT NO.41, SECTOR 19, AIROLI, NAVI MUMBAI, MAHARASHTRA, INDIA - 400708 Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)KOLAMBEKAR MAHANANDA RAMESH</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 :

This is a SmartTop which will replace all desktop, laptop and tablet by only one that is SmartTop and without keyboard and mouse wired to it.

No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2013

(21) Application No.1781/MUM/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PARTITIONS IN CHIMNEYS FOR SEPARATION OF EXHAUST GAS STREAMS

(51) International classification	:E04F17/02, F23J99/00	(71) <b>Name of Applicant :</b> <b>1)OUNDHAKAR ABHIJEET SHARAD</b> Address of Applicant :A-401, SAI LEELA APTS., PLOT NO. 7, SECTOR 16, NEW PANVEL - 410 206, DIST. RAIGAD, MAHARASHTRA, INDIA. 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multiple flue chimney is provided with at least one partition wall forming a plurality of flues or compartments of separate volumes. The partition walls extend throughout the chimney shell or as walls running along part of the height of the chimney and are constructed of any suitable material and are lined on one or both sides with lining or insulating material, including but not limited to FRP/fire brick/acid resisting brick/glass/glass blocks/rubber/ plastics/steel/other metals/alloys. The lining is directly affixed on the chimney wall/partition walls or supported/hung from any suitable arrangement including but not limited to beams, corbels or any combination thereof. Each flue or compartment can be used for exhaust of flue gases or be kept vacant for installation of elevator/staircase/other accessories as required by the chimney designer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1834/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PORTABLE SUGARCANE JUICE EXTRACTOR

(51) International classification	:C13B10/02, C13B10/06	(71) <b>Name of Applicant :</b> <b>1)SHAH JITENDRA NATHUBHAI</b> Address of Applicant :602, SETU APARTMENTS, SAGAR COMPLEX, SAIBABA NAGAR, BORIVALI (W), MUMBAI - 400 092. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) <b>Name of Inventor :</b> <b>1)SHAH JITENDRA NATHUBHAI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The improved Portable Sugarcane Juice Extractor machine includes Base that contains Frame and Covers; Power Drive that contains a single phase or three phase run Electric Motor fitted to a Gear Unit; and Squeezer Attachment consisting of components such as Nylon Plastic Coupler, Crushing cum Squeezing Rollers, Nylon Bearings, etc. and made of Food Grade Stainless Steel or Food Grade Nylon Plastic materials, and that Squeezer Attachment can be detached for cleaning with water and re-fitted with Clamp Screws. Squeezer Attachment is positioned and coupled to Power Drive through a Nylon Plastic Coupler of Special shape and design; held in two Locating Brackets and clamped with two Clamping Screws. Crushing cum Squeezing Rollers rotate and glide in two sets of Nylon Bearings of special shape, size and design; and the gap between Crushing cum Squeezing Rollers is adjustable with Pressure Screws. A Safety Partition will prevent accidental engagement of users hands. Small size light weight components of Squeezer Attachment, ease of clamping and de-clamping, use of Food Grade Stainless Steel and Food Grade Nylon materials, and no need of external lubricants ensures maintenance of cleanliness and hygiene. Two neon Indicating Lamps show availability of electric power supply and working of the machine. A Miniature Circuit Breaker protects electric motor from overloads and Nylon Plastic Coupler acts as a mechanical fuse. Sugarcane Juice is collected in tray and directed for collection through a Spout. The machine has an auxiliary Ice Shaver Attachment that can be coupled: to the Power Drive through a Nylon Plastic Coupler, held in two Locating Brackets and clamped with two Clamping Screws. Small size light weight components of Ice Shaver Attachment, ease of clamping and de-clamping, use of Food Grade Stainless Steel and Food Grade Nylon Plastic materials, and no need of external lubricants ensures maintenance of cleanliness and hygiene. It has two Pressure Plates held and guided by two Guide Pillars and held under pressure by a set of two Springs. A High Lead Screw operates Pressure Plates for inserting a round piece of ice block between them. Shaved ice accumulates in the tray and is directed for collection by a spatula.

No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1854/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013

(43) Publication Date : 14/06/2013

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(54) Title of the invention : WATER HAMMERING ELIMINATOR

(51) International classification	:F16L55/045	(71) <b>Name of Applicant :</b> <b>1)MEHTA BIPIN CHHAGANLAL</b> Address of Applicant :6, JANAK HOUSE, 2ND FLOOR, S.M. ROAD, WADALA (E), MUMBAI 400037 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This Technological Invention eliminates water hammering while in-taking water from over head tank to boiler tank with saturated steam. It has a micro controller based electronics and software control system and is implemented using simple readily available hardware components and properly designed and fabricated pressure augmenting tank. The electronics and software can be integrated or interfaced with main industrial process plant micro controller unit to make the system work homogeneously.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1896/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 14/06/2013

(54) Title of the invention : CNC VERTICAL TURNING MACHINE-MODEL : PTB 150

(51) International classification	:B23B5/00	(71) <b>Name of Applicant :</b> <b>1)PREMIER LIMITED</b> Address of Applicant :58, NARIMAN BHAVAN, NARIMAN POINT, MUMBAI - 400 021, MAHARASHTRA, INDIA 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The CNC vertical turning machine comprises table base (4) table (3) with four jaws, alternatively chuck body unit, column (2) connected to table base (4) by structural member, ATC (30), ram head (1) with live spindle, cross rail (12), control panel (36), control pendant (39), chip conveyor (33), chip trolley (37), elevating gearbox (15,16) and tool holder (21). Chip conveyor (33) is placed inside a pit below ground level. The table base (4), column (2) and structural member are manufactured with SG iron having adequate mass and structural rigidity to provide significant dampening force to reduce harmonics and vibrations (chatter) generated by the cutting action of the machine and rotation of the drive motor. The machine is made with minimum rotating parts. It has high speed rapid travel for both X axis and Z axis movements.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2013

(21) Application No.1897/MUM/2013 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : CNC VERTICAL TURNING MACHINE WITH LIVE SPINDLE FOR MILLING

(51) International classification	:B23B11/00	(71) <b>Name of Applicant :</b> <b>1)PREMIER LIMITED</b> Address of Applicant :58, NARIMAN BHAVAN, NARIMAN POINT, MUMBAI - 400 021, MAHARASHTRA, INDIA 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The machine has table base (1) on which motor (4) for rotating table (3) having a plurality of jaws and spindle assembly are mounted. Column (2) is bolted to said table base. It has ATC (29), cross rail (10), ram head assembly, live spindle drive, Z axis and X axis drives. It incorporates minimal number of moving parts to reduce its vibration characteristics. The machine is suitable for machining at high speed with minimal vibration and chatter. Base (1) is a stiff and rigid thermo symmetric grey cast iron structure providing dampening of vibrations and harmonics generated by the machine during operation. Column (2) is a thermo symmetric cast structure with integral ground guide ways bolted on the top of the base at the rear, carries said cross rail (10) with cross ram head and has the cross rail elevating drive/gear boxes mounted on its top.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1898/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CNC VERTICAL MACHINING CENTER-MODEL PVM65

(51) International classification	:B23B5/00	(71) <b>Name of Applicant :</b> <b>1)PREMIER LIMITED</b> Address of Applicant :58, NARIMAN BHAVAN, NARIMAN POINT, MUMBAI - 400 021, MAHARASHTRA, INDIA 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The CNC controlled VMC has machine base (1), cross slide (3), table (4), spindle assembly (5) mounted on column (2), electrical control cabinet (12), ATC (6), machine guard (16), chip conveyor (14), and coolant tank (13). Column (2) and cross slide (3) are mounted on said base (1) which has an ultra-wide base structure for separating chip and coolant from the base structure. A high precision spindle (5.10) of nitride steel mounted on high precision ball bearings can rotate between 1-6000 RPM. ATC (6) has a disc type magazine plate (6.1) accommodating 20 tools and tool change time of only 2.5 seconds. Its axes movements are through precision-ground ball screws (9.2, 10.2,11.2) driven by AC servomotors (91,10.1, 111) with inbuilt encoders. It a low-vibration, high-accuracy machine having high production rate, compact configuration, machining zone of 1065x620x620mm and suitable for machining both steel and aluminium.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2013

(21) Application No.1887/MUM/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : HIGHLY PROTEINOUS SHRIMP FEED COMPOSITION

(51) International classification	:A23L 1/0562;A23K1/00	(71) <b>Name of Applicant :</b> <b>1)DR. VIJAY PANDURANG JOSHI</b> Address of Applicant :ASSOCIATE DEAN, COLLEGE OF FISHERIES, MARINE BIOLOGICAL RESEARCH STATION, SHIRGAON, PETHKILLA, DIST. RATNAGIRI 415612, MAHARASHTRA, INDIA. Maharashtra India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)DR. VIJAY PANDURANG JOSHI</b>
(33) Name of priority country	:NA	<b>2)B.P. BHOSALE</b>
(86) International Application No	:NA	<b>3)V.R. BHATKAR</b>
Filing Date	:NA	<b>4)N.D. CHOGALE</b>
(87) International Publication No	: NA	<b>5)V.H. NIRMALE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The shrimp feed containing fish meal, shrimp head meal, Soyabean meal, Acetes meal, Calm meal, Wheat flour, Corn flour, Vitamin and Mineral premixed together in an appropriate quantities to obtain the shrimp feed, The shrimp feed is having high protein contains with compare to the commercial feed meals available the meals obtained herewith is having an additional sources of protein in the form of shrimp head waste, which is the parts of the shrimp leftover after peeling of the shrimp, which is having high sources of protein, therefore the shrimp feed provides higher sources of protein at the lower cost as the shrimp head part which is being thrown away as waste is used for the production of the shrimp meal; The shrimp meal having higher protein contents is tested for the survival rate of shrimp and also food conversion ratio (FCR); it is found that in comparison with commercial feed the test material has better results;

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2013

(21) Application No.1894/MUM/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CNC VERTICAL TURNING MACHINE-MODEL PTB-105

(51) International classification	:B23B5/00	(71) <b>Name of Applicant :</b> <b>1)PREMIER LIMITED</b> Address of Applicant :58, NARIMAN BHAVAN, NARIMAN POINT, MUMBAI - 400 021, MAHARASHTRA, INDIA 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A CNC vertical turning machine comprises table base (4) having four jaws, alternatively chuck body unit (1), column (2), ATC (30), live spindle drive, control panel (39), chip conveyor (36), chip trolley (37), elevating gearbox (14), cross rail (11) and tool holder (21). Mass and area of base (4) reduce vibrations and harmonics generated by the machine. Spindle assembly rotates about a vertical axis at a rate that chip fragments aviate off a work piece removing heat generated by the process. Chuck (1) has hydraulic jaws operated by hydraulic cylinder mounted under the base (4), Table(3) mounted on front side of base (4) is located on a pre-loaded bearing assembly having ball thrust bearing for thrust and central precision taper roller bearing for radial loads. Table (3) is driven by motor (5) through pulleys (8, 9), flat belt (10) and a two stage gear box (7).

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1922/MUM/2013 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : MOBILE DEVICE PERFORMANCE IMPROVEMENT SYSTEM USING CLOUD COMPUTING

(51) International classification	:H04L29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MR. DONGRE HIMANSHU DEEPAK</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO.10, ARVIND SOCIETY,
(33) Name of priority country	:NA	NARENDRA NAGAR, NAGPUR, 440015,
(86) International Application No	:NA	MAHARASHTRA, INDIA Maharashtra India
Filing Date	:NA	<b>2)MR. JOSHI ADWAIT PURUSHOTTAM</b>
(87) International Publication No	: NA	<b>3)MR. DANI MOHIT SANJAY</b>
(61) Patent of Addition to Application Number	:NA	<b>4)MR. BRAMHE MANOJ VASANTRAO</b>
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	<b>1)MR. DONGRE HIMANSHU DEEPAK</b>
Filing Date	:NA	<b>2)MR. JOSHI ADWAIT PURUSHOTTAM</b>
		<b>3)MR. DANI MOHIT SANJAY</b>
		<b>4)MR. BRAMHE MANOJ VASANTRAO</b>

(57) Abstract :

Our invention increases the performance of mobile devices using the power of cloud. Our system makes a virtual copy of the users mobile device (phones and tablets) on the cloud (one or more virtual copies) and will synchronize all data (applications and data) of the mobile device onto the cloud in a secured manner. Whenever a user wants to execute one or more application(s), they can remotely execute it on virtual device(s) in cloud with high resource allocation at faster speeds and then synchronize results back to their physical mobile devices without the physical devices slow and sluggish local processors need to execute applications itself. Our invention provides nearly 6 times performance improvement of mobile device when paired with single virtual device which will increase if no. of virtual devices are increased.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2595/MUM/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A SHODHIT GUGGUL TABLET AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K36/328	(71) <b>Name of Applicant :</b> <b>1)DR. KULKARNI ALPANA PRADEEP</b> Address of Applicant :C-202, PINNAC APARTMENTS, PINNAC SADICHA CO-OPERATIVE HOUSING SOCIETY, NEAR MIT COLLEGE, KOTHRUD, PUNE-29, MAHARASHTRA, INDIA. Maharashtra India <b>2)CHIMANGUDE PRADNYESH</b> <b>3)DR. WAGH VIJAY DHONDIRAM</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	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DR. KULKARNI ALPANA PRADEEP</b>
(62) Divisional to Application Number	:NA	<b>2)CHIMANGUDE PRADNYESH</b>
Filing Date	:NA	<b>3)DR. WAGH VIJAY DHONDIRAM</b>

(57) Abstract :

The present invention provides a shodhit guggul tablet having improved disintegration time. Said tablet comprises: shodhit guggul in an amount of about 30 to 70% of the weight of the tablet; at least one ingredient selected from the group consisting of triphala powder, kancanara powder, sunthi powder, marica powder, pippali powder, varua powder, elichai powder, tvak powder, tejapatra, rubukamula powder, eranda taila, trivrt powder, nikumbha powder, guduchi powder, sindhattha powder, chitraka powder, bhallataka ash and vidnaga powder, in an amount of about 1 to 60% of the weight of the tablet; camphor in an amount of about 5 to 15% of the weight of the tablet; and at least one pharmaceutically acceptable excipient.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1912/MUM/2013 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : INNOVATIVE VEHICLE REGULATORY SYSTEM USING WIRELESS VEHICLE TERMINAL UNIT

(51) International classification	:G08G1/127, G07C5/00	(71) <b>Name of Applicant :</b> <b>1)MR. NAYSE SHAM</b> Address of Applicant :RMD SINHGAD SCHOOL OF ENGINEERING, WARJE, PUNE, INDIA, 411058 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. NAYSE SHAM</b>
(87) International Publication No	: NA	<b>2)MR. CHAUDHARY DILIP</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DR. AGRAWAL ANITA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This innovative vehicle regulatory system using wireless vehicle terminal unit is made up of Vehicle Terminal Unit, outside terminal and communication between them. Vehicle Terminal Unit placed in vehicle will continuously send the vehicle basic information through radio frequency signals in all directions. These signals will be captured by the outside terminal and stored the records of all Vehicle Terminal Units; those are in its communication range, in its database. Vehicle terminal unit will consist of basic information of the said vehicle like chassis no, engine no, registration no, validity of registration, type of vehicle etc. Communication or linking of this system is based on radio frequency signal communication in free license band of frequency (2.41 to 2.49 GHz) and application based communication protocol. The range of operation will be about 200 meters. It will support different activities of authorized vehicle regulatory agencies of that region. This system helps to keep track of the road vehicle movements in specific area. It will create new vision in the field of vehicle monitoring and controlling system for next generation applications.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3231/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A HYDROGEN GENERATOR SYSTEM

(51) International classification	:F02B43/08; F02B43/00	(71) <b>Name of Applicant :</b> <b>1)SHINDE SUNIL</b> Address of Applicant :TREASURE PARK, F/101, SANTNAGAR, PUNE-411009, MAHARASHTRA, INDIA. 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 SUNIL</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 disclosure relates to a hydrogen generating system on board a vehicle supplementing a mixture of hydrogen and oxygen to the air intake of an internal combustion engine of a vehicle. The system operates only when the engine is ON and hydrogen is produced in a reaction container containing an electrolyte solution and a plurality of electrodes. A 3 V DC supply is provided to the electrodes by a power converter, wherein a rare earth magnet is used with the electrodes. The generated gas is filtered by a gas filter and is further supplied to the engine by a supply means. The system utilizes ceramic filters to prevent backfire in the system, thus safely generating hydrogen, which reduces carbon emissions from the engine and increases efficiency when provided to the engine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.746/MUM/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SELF PROPELLED PLATFORMFOR TREE MAINTENANCE

(51) International classification	:A01G3/08, A01D46/00	(71) <b>Name of Applicant :</b> <b>1)Tirth Agro Technology Pvt.Ltd</b> Address of Applicant :Shaktiman, Survey No. 108/1, Plot No. B, At.: Bhunava, Near Goverdhan Gining, National Highway 8-B, After Bharudi Toll Plaza, Taluka- Gondal, Dist- Rajkot - 360 311 Gujarat India 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	
(87) International Publication 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 MACHINE FOR TREE MAINTENANCE OR INDUSTRIAL OR CIVIL APPLICATIONS The present invention discloses a machine (12) for maintaining trees and for industrial or civil applications consists of a self propelled hydraulic lift platform (10), a main body (1) being secured at ground level; and an extended arm (4) to mechanically hold the platform (10) at the front end with respect to said main body (1) from the ground to perform lifting and lowering operation of the platform (10) by a hydraulic power being powered by a hydraulic system. The platform (10) for this purpose consists of an operator cabin (3), a picking bag (9) for collecting agricultural products, a drive control for controlling the machine drive, a tower control for controlling lifting and lowering operation of the platform (10) and hydraulic quick couplers to operably couple power tools for cutting or pruning said agricultural products or various parts of trees respectively.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2012

(21) Application No.3357/MUM/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : GEAR BOX OF GENERATOR

(51) International classification	:F16H37/00	(71) <b>Name of Applicant :</b> <b>1)MR. SARFARAZ MEHBOOB KHAN</b> Address of Applicant :A-50, PLOT-1, BKC, BHARAT NAGAR, BANDRA, MUMBAI-400 051, MAHARASHTRA, INDIA. 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention discloses a system for generating electrical energy. The system comprises a high speed gearbox assembly for generating mechanical energy, a motor (20) being connected to the gearbox assembly through first V belt (30) to drive the gearbox assembly; and an alternator (80) being connected to the gearbox assembly through second V belt (31), the alternator (80) configured to convert mechanical energy generated by the gearbox assembly into electrical energy, wherein the running motor runs the gearbox assembly and gearbox assembly generates mechanical energy which is converted into electrical power by means of alternator. The gearbox assembly comprises four chain sprocket assemblies (50, 51, 52, 53), dual pair of helical gears (62, 63, 64, 65), a pair of crown gears (60, 61), a pair of PV central gears (70, 71), a pair of worm gears (68, 69) being connected to PV central gears, a pair of bevel gears (66, 67) being operatively connected to worm gears (68, 69) respectively and four rods for accommodating the various aforesaid gears.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1058/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : A PROCESS FOR MAKING NANO-ZIRCONIA COATED MILD STEEL FOR INDUSTRIAL APPLICATIONS

(51) International classification	:B05D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)THE REGISTRAR Address of Applicant :UNIVERSITY OF MADRAS, CHEPAUK CAMPUS, CHENNAI - 600 005 Tamil Nadu India
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. S. BALASUBRAMANIAN
(87) International Publication No	:NA	2)E. RAMANATHAN
(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 Making Nano-zirconia Coated Mild Steel for Industrial Applications An invention discloses the effect of nano zirconia (NZ) coating on corrosion resistance and its adhesion to top coat paint by comparing the dry film characteristics of thermosetting polyester powder coat and solvent borne amide cured epoxy paint; superior performance of NZ coating as evident from EIS, SEM, EDX and AFM studies on comparison with zinc phosphate coating; enhanced film characteristics of thermosetting polyester powder coat (TPEPC) applied on NZ coated mild steel over amide cured epoxy finish paint (SADEF) in neutral salt spray resistance, humidity resistance and impact resistance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1491/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ECOFRIENDLY AUTO ELECTRIC JET VEHICLE WITH SELF RECHARGING SYSTEM

(51) International classification	:B62D	(71) <b>Name of Applicant :</b> <b>1)MOHAN KUMAR MAMIDWAR</b> Address of Applicant :H.NO. 4-6-327, NEAR RAILWAY GATE, BHUKTAPUR, ADILABAD - 504 001 Andhra Pradesh 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	: 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 auto electric jet vehicle with self-recharging system. The invention reduces the aerodynamic drag faces by the vehicles and captures the air coming from the opposite direction of the vehicle in its specially designed empty tunnel to boost the speed of the vehicle and to generate the required energy to run the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1682/CHE/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : VERMICOMPOSING SYSTEM

(51) International classification	:C05F	(71) <b>Name of Applicant :</b> <b>1)PONDICHERRY UNIVERSITY</b> Address of Applicant :R VENKATARAMAN NAGAR, KALAPET, PUDUCHERRY - 605 014 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vermicomposting system for composting waste paper is disclosed. The vermicomposting system comprises two units; a soaking unit 100 and a vermireactor 200. The vermireactor 200 comprises a plurality of vermicomposting modules 202 arranged in series in a plurality of rows on a frame 204. The soaking unit 100 provides an easy automated operation for soaking thin layers of waste paper in cow dung slurry. The modular vermireactor 202 provides efficient space utilization and easy harvesting. More than one variety of organic waste can be composted simultaneously, utilizing a variety of earthworm species. The automated operation allows uniform application of waste in the vermicomposting modules 202, thereby providing an improved process efficiency, uniform vermicomposting and high quality of the final product.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1632/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF VILAZODONE HYDROCHLORIDE AND ITS POLYMORPH

(51) International classification	:C07D	(71) <b>Name of Applicant :</b> <b>1)DIVI'S LABORATORIES LTD</b> Address of Applicant :7-1-77/E/1/303, DIVI TOWERS, DHARAM KARAN ROAD, AMEERPET, HYDERABAD - 500 016 Andhra Pradesh 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process for the Preparation of Vilazodone Hydrochloride and Its Polymorph A crystalline vilazodone hydrochloride has been prepared by reacting vilazodone free base with trimethylsilyl chloride using isopropanol as the solvent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/05/2013

(21) Application No.2118/CHE/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A METHOD AND SYSTEM FOR GENERATING CUSTOM EVENT BASED STREAMS FROM A VIDEO RECORDING SYSTEM

(51) International classification	:G11B27/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)HCL Technologies Limited</b>
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd. 50-53
(33) Name of priority country	:NA	Greams Road, Chennai 600006, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Aashish Kaushik</b>
(87) International Publication No	: NA	<b>2)Vijay Pratap Singh Rawat</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 video monitoring systems and more particularly to event monitoring in video streams recorded by video monitoring systems. The principal object of this invention is to propose a method and system to enable user(s) to remotely view event based video streams, even if there is only regular recordings happening on a recording system and no event based recordings. Embodiments disclosed herein use existing video recordings to allow user on demand view of pre-post event based recordings without taking extra space for recordings and extra processing for event based recording. This system utilizes already existing recordings for providing event based recording view.

No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2013

(21) Application No.2174/CHE/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND SYSTEM FOR MAPPING THE CONDITION AND PROGNOSIS OF GLUCOSE METABOLISM AND ITS ABNORMALITIES

(51) International classification	:G01N33/00	(71) <b>Name of Applicant :</b> <b>1)HCL Technologies Limited</b> Address of Applicant :HCL Technologies Ltd. 50-53 Greams Road, Chennai 600006, Tamil Nadu, 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The principal object of this invention is to propose a method and system to map a metabolic defect and understand its progress in a holistic way with particular emphasis to understand the prognosis of the disease, which will lead to improved monitoring, management, therapeutics and research of the condition in timely manner. The embodiments herein propose a method and system for mapping the condition and prognosis of glucose metabolism and its abnormalities using a two dimensional graph plot (with blood insulin levels on one axis and blood glucose level on the other axis), which will give a theoretical construct of the full spectrum of glucose metabolism.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2183/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/05/2013

(43) Publication Date : 14/06/2013

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(54) Title of the invention : POWER GENERATION USING SEMI CONDUCTOR THERMO ELECTRIC GENERATOR THERMALLY COUPLED TO COOLENT SYSTEM IN AN AUTOMOTIVE

(51) International classification	:H01L	(71) <b>Name of Applicant :</b> <b>1)AVINASH EGALA</b> Address of Applicant :6-89, EGALAVANIPALEM, ANANDHAPURAM (M), VISHAKHAPATNAM - 530 052 Andhra Pradesh 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A semiconductor thermo electric generator is thermally coupled to the coolant flow channel of a internal combustion engine in a automotive from seebeck effect the thermal energy is converted into electrical energy the electrical energy generated by the thermo electric generator is sent to a voltage converter which sets the voltage in desirable range to charge the battery and for utilization in different electric and electronic components.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/05/2013

(21) Application No.2188/CHE/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MEDICAL PRODUCT FOR DRESSING WOUNDS

(51) International classification	:A61L	(71) <b>Name of Applicant :</b> <b>1)SHAKTHI KNITTING LIMITED</b> Address of Applicant :3/606 C, Nochipalayam Road, Veerapandi Post, Tirupur, 641605, Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	(72) <b>Name of Inventor :</b> <b>1)Michael Rodrigues</b> <b>2)Siddamalai Gounder Krishnaswamy Vivekananda</b> <b>3)Sundaravadivelu Vasanth Kumar</b>
Filing Date	:01/01/1900	
(87) International Publication 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 medical product (100) for dressing wounds is provided. The medical product (100) includes a substrate (110). The substrate (110) includes a first part (102), a second part (106) and an intermediate part (104), wherein the intermediate part (104) is in between the first part (102) and the second part (106). The density of the intermediate part (104) is lesser than the density of the first part (102) and the second part (106). Further, the medical product (100) includes an antimicrobial agent (108). The antimicrobial agent (108) is Quaternary Ammonium Salt, wherein the antimicrobial agent (108) is received by the substrate (110), thereby exposing the antimicrobial agent to a wound (406) dressed using the medical product (100).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2284/CHE/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A METHOD FOR SIMULATING A PRODUCT DEVELOPMENT AND A SYSTEM THEREOF

(51) International classification	:G06F	(71) <b>Name of Applicant :</b> <b>1)Omprakash Chandrashekhar</b> Address of Applicant :C-707, GOPALAN JEWELS APTS, 7th MILE KANAKAPURA ROAD, NEAR KONANKUNTE CROSS, BANGALORE-560062, Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	
Filing Date	:01/01/1900	(72) <b>Name of Inventor :</b> <b>1)Omprakash Chandrashekhar</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 provides a method for simulating a product development. The method includes identifying a plurality of parameters for the product; generating at least one scenario based on the identified parameters; and optimizing the scenarios with respect to a reference scenario. The invention also provides a system for simulating a product development. The system includes a validation unit; a simulation unit; and a display unit.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2287/CHE/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHODS FOR MANAGING TELECOMMUNICATION SERVICE AND DEVICES THEREOF

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b> <b>1)WIPRO LIMITED</b> Address of Applicant :Doddakannelli, Sarjapur Road, Bangalore 560035, Karnataka, 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	: 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, non-transitory computer readable medium, and a service management computing device comprises obtaining one or more call detail records associated with one or more customers from one or more data sources. Each of the obtained call detail records is scanned to determine presence of a call drop in each of the obtained call detail records. Next, a customer experience index and an impact value is determined for the one or more call detail records for which the call drop is determined to be present. Based on the determined experience index, one or more actions are performed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2294/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013

(43) Publication Date : 14/06/2013

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(54) Title of the invention : APPLICATION PLATFORM, METHOD AND SYSTEM FOR ASSISTING USERS IN  
EMERGENCY SITUATIONS

(51) International classification	:H04M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)ANIL. BONDADA</b>
(32) Priority Date	:NA	Address of Applicant :F2, SURYA CENTRAL, OPP
(33) Name of priority country	:NA	ANDHRA BANK, NEAR CAKE CASTLE,
(86) International Application No	:NA	PRAGATHINAGAR, KUKATPALLY Andhra Pradesh India
Filing Date	:NA	<b>2)NILKESH JAIN</b>
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:767/CHE/2013	<b>1)ANIL. BONDADA</b>
Filed on	:22/02/2013	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for assisting users in emergency situation is disclosed. The disclosure includes an application platform configured in a handheld unit of user activated by simultaneous triggering of an application activation signal from a wearable device of the user and verbalizing a word conveying necessity for an aid in an emergency situation by the user. The application platform further comprises of a decoder unit configured in the handheld unit to decode the word to text by correlating with a group of words stored in one or more data sources, a search unit configured in the handheld unit to dynamically initiate a search of one or more contact numbers and retrieve a predetermined set of recipient contact numbers and a dynamic dialing unit for dialing a contact number of an authorized rescue department on receiving a message from recipient contact number for which an emergency alert notification is transmitted.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2310/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013

(43) Publication Date : 14/06/2013

(54) Title of the invention : AN EVERSION COMPRESSION ANASTOMOSIS DEVICE FOR ANASTOMOSING OF ANATOMICAL TUBULAR STRUCTURES

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr. Ebrahim Ahmed Patel</b>
(32) Priority Date	:NA	Address of Applicant :649, Guruwar Peth, Pune-411042,
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Dr. Ebrahim Ahmed 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 :

An eversion compression anastomosis device for anastomosing of anatomical tubular structures. The present invention relates to anastomosis and more particularly to the eversion compression anastomosis device. In one embodiment the device includes a first element and a second element each having an outer radial face to uphold everted vessel part on at least one element, wherein the outer radial face includes a plurality of projections extending outwards from the radial face and a plurality of apertures for accepting the projection radial inwardly, the projections and apertures are placed alternatively in each element at a distance apart, wherein placement of said elements aligned results in coupling of each said projection with a aperture and sustain the everted vessel parts in contact between said axial faces.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/05/2013

(21) Application No.2330/CHE/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A METHOD AND DEVICE FOR READING OPTICAL MEDIA

(51) International classification	:G11B	(71) <b>Name of Applicant :</b> <b>1)HCL Technologies Limited</b> Address of Applicant :HCL Technologies Ltd. 50-53 Greams Road, Chennai 600006, Tamil Nadu, 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments herein disclose a method and device that facilitates a user to access an optical disc on a bare metal disc player, irrespective of the type of content on the disc.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2013

(21) Application No.2347/CHE/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A LARGE AND SMALL SIZE COOKIE

(51) International classification	:A21D	(71) <b>Name of Applicant :</b> <b>1)SYED IRFAN</b> Address of Applicant :11-6-466 and 467, Nampally Market, Bazarghat Road, Hyderabad Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	(72) <b>Name of Inventor :</b> <b>1)SYED IRFAN</b>
Filing Date	:01/01/1900	
(87) International Publication 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 large and small size baked cookie using a set of ingredients mixed into dough and baked at a set temperature. The ingredients in the mixture are mixed at optimal proportion to make the cookie delicious and the said mixture is of high nutritional content. The mixture is then with help of dropping machine dropped on baking tray and baked in an oven to bring out the final product which is tasty, has better shelf life, better eating quality and more nutritious.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2368/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : TRACKING POSITION AND ORIENTATION USING EXTERNAL SENSOR FOR AUGMENTED REALITY APPLICATIONS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)HCL Technologies Limited</b>
(32) Priority Date	:NA	Address of Applicant :HCL Technologies Ltd, 50-53
(33) Name of priority country	:NA	Greams Road, Chennai- 600006, Tamil Nadu, India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Bala Aravind Ganesan</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 embodiments herein relate to augmented reality applications and, more particularly, to tracking object™s orientation and position using external sensor in augmented reality applications. A sensor unit is connected/attached to an object. Further, a signal is sent from a source unit as input to the sensor unit. The sensor unit comprises a plurality of sensors and an orientation sensor which receives the input signal. The sensors in the sensor unit receive input signal at different time instances. The time information and data from the orientation sensor are sent as response to the source unit. The source unit, based on the response data, identifies position and orientation of the sensor unit with respect to the source unit. The identified position and orientation information may be used to identify location of any component of the object i.e. object of interest with respect to the position of the sensor unit.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/05/2013

(21) Application No.2346/CHE/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A METHOD OF MAKING A LARGE AND SMALL SIZE COOKIE

(51) International classification	:A21D	(71) <b>Name of Applicant :</b> <b>1)SYED IRFAN</b> Address of Applicant :11-6-466 and 467, Nampally Market, Bazarghat Road, Hyderabad-500001 Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	(72) <b>Name of Inventor :</b> <b>1)SYED IRFAN</b>
Filing Date	:01/01/1900	
(87) International Publication 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 making a large size baked cookie using a set of ingredients mixed into dough and baked at a set temperature. The ingredients in the mixture are mixed at optimal proportion to make the cookie delicious and the said mixture is of high nutritional content. The mixture is then with help of dropping machine dropped on baking tray and baked in an oven to bring out the final product which is tasty, has better shelf life, better eating quality and more nutritious.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/01/2013

(21) Application No.346/CHE/2013 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR PROVIDING AN IMPROVED DEVICE USER EXPERIENCE

(51) International classification	:HO4W	(71) <b>Name of Applicant :</b> <b>1)HCL Technologies Limited</b> Address of Applicant :HCL Technologies Ltd, 50-53 Greams Road, Chennai- 600006, Tamil Nadu 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)Kadari Subbarao Sudeendra Thirtha Koushik</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 method and system for providing an improved device user experience. This invention relates to display devices, and more particularly to improving user experience of viewing display devices. The embodiments herein achieve an automatic way to optimize audio parameters, video parameters and system parameters of a device based on the distance between at least one user of the device and a screen of the device. The automatic parameters optimization is based on the user currently logged in and viewing the device.

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4587/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : TRANSMISSION COVER FOR AN ENGINE

(51) International classification	:F02D	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES• NO.24 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a transmission cover for an internal combustion engine capable to accommodate electromechanical actuators in an automatic transmission system on the transmission cover. The transmission cover comprises of a plurality of provisions for facilitating the same including stepped bores, a flange, an extended cavity and an oil cavity. The transmission cover is best suited for use with a swinging engine.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2011

(21) Application No.4624/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : VEHICLE CONTROLLER

(51) International classification	:F02P, B60R	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES NO.29(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu 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)SAMRAJ JABEZ DHINAGAR</b>
(87) International Publication No	: NA	<b>2)NAGA KAVITHA KOMMURI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)HIMADRI BHUSHAN DAS</b>
Filing Date	:NA	<b>4)LAKSHMINARAYANA PADHI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a keep alive signal to have a controlled shut down mode or partial shutdown mode. The present invention configuration works to provide power to the automated transmission equipped unit on need basis in case of unexpected ignition key is switched off condition.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1225/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :23/10/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PROTECTOR COVER ASSEMBLY

(51) International classification	:A61M25/06	(71) <b>Name of Applicant :</b> <b>1)POLY MEDICURE LIMITED</b> Address of Applicant :OF FLAT 5B.12/2 ABC,BALLYGUNGE,PARK ROAD,KOLKATA-700019, West Bengal 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A needle safety assembly (10) comprising a needle (12) and a protective cover (26) for the needle (12), wherein the needle (12) is attached to a needle hub (16) which has wings (20) provided on opposite sides of the needle hub (16) and which can be moved relative to the protective cover (26) from a position of use in which at least the tip (14) of the needle (12) is outside of the protective cover (26) into a retracted position in which the needle (12) is fully received in the protective cover (26), wherein the protective cover (26) is of generally tubular shape and defines two opposite axial slots (28) which extend from a distal end of the protective cover (26) towards a tubular base portion (32) of the protective cover (26), wherein the slots (28) are adapted to receive the wings (20) when the needle hub (16) moves into the protective cover (26), and wherein the needle safety assembly (16) further comprises a locking mechanism adapted to secure the needle hub (16) inside the protective cover (26) when the needle hub (16) is in the retracted position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2013

(21) Application No.569/KOL/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MODERN ELECTROMECHANICAL GAS SAFETY DEVICE

(51) International classification

:F24C3/12

(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)SUROJIT ROY**

Address of Applicant :QTR-C-2/3, BTPS TOWNSHIP, P.O-  
TRIBENI, DIST-HOOGHLY, STATE-WEST BENGAL, PIN-  
712503 West Bengal India.

(72)Name of Inventor :

**1)SUROJIT ROY**

(57) Abstract :

The Modern Electromechanical Gas Safety Device (MEGSD) is a new invented electromechanical device that attached (additionally coupled) to existing gas regulator and can be of removable type, and it will switch off the regulator and simultaneously gives an alarm, if, 1) There is a flame failure in the gas oven at its working condition, within maximum time limit of 60 seconds or 2) There is a presence of LPG (by any types of major/minor gas leakage) nearer the device.

No. of Pages : 8 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/05/2013

(21) Application No.581/KOL/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : VIBRATING PEN/PENCIL

(51) International classification	:B43K29/087	(71) <b>Name of Applicant :</b> <b>1)NARENDRA KUMAR</b> Address of Applicant :Q.NO. 3ABC, GLOUCESTER ROAD, EAST COLONY, JAMALPUR,PIN-811214, DIST.MUNGER, Bihar 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	: 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 is very useful for saving time in a multiple choice question exams. It also uses very less pressure and works with great accuracy. The device works with the help of two electromagnet 5,12 of fig.1 which is connected to a 9v battery 9. A lead box container 4 is placed between the two electromagnets. Connection to the electromagnets are alternating i.e. when one becomes the electromagnet other doesn't and vice versa. This helps the lead box container 4 to get attracted to each simultaneously causes vibration. That is how the vibrating pen/pencil works.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.593/KOL/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : 'NOVEL NOZZLES FOR CONTINUOUS CASTING OF STEEL WITH INSIDE SPIRAL DESIGN

(51) International classification	:B22D7/00	(71) <b>Name of Applicant :</b> <b>1)OCL INDIA LIMITED</b> Address of Applicant :RAJGANGPUR-770 017, DIST-SUNDERGARH, Orissa 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)TIWARI, JAI NARAYAN</b>
(87) International Publication No	: NA	<b>2)SAHU, DR. JAYANT KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PRASAD, BIRENDRA</b>
Filing Date	:NA	<b>4)SEN, ANUPAL</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Conventional nozzles used for allowing passage of molten steel through the nozzles onto the mould suffered from frequent uneven temperature distribution or lowering of temperature which resulted in uneven melting of mould powder or melting of mould powder to the desired extent. This resulted in affecting surface characteristics of cast steel, not to speak of lack of desirable lubrication effect. The present invention aims at overcoming the drawbacks the conventional nozzles and provides novel nozzles for continuous casting of steel with inside spiral design, characterized in that inside the said nozzle there is provided design of spiral grooves selected from single spiral or multi spiral, which may have continuous grooves or discontinuous grooves as shown in Figs. 2, 3 and 4 of the accompanying drawings, respectively.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.594/KOL/2013 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : CEMENT KILN BURNER TIP REFRACTORY BLOCK AND MODE OF FIXATION THEREOF.

(51) International classification	:F23D1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)OCL INDIA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :RAJGANGPUR-770 017, DIST-SUNDERGARH, Orissa India
(33) Name of priority country	:NA	<b>2)DALMIA INSTITUTE OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b>
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)TIWARI, JAI NARAYAN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SAHU, DR. JAYANT KUMAR</b>
Filing Date	:NA	<b>3)PRASAD, BIRENDRA</b>
(62) Divisional to Application Number	:NA	<b>4)MD. BASIR SK.</b>
Filing Date	:NA	<b>5)MISHRA, DR, BHAGIRATHA</b>
		<b>6)SAHOO, DR. NEELACHALA</b>

(57) Abstract :

In conventional procedure the cement kiln burner pipe normally used to be cladded all around by castables provided monolithically which needed plant shut down for repair work and/or replacement adding to the down-time, loss of production and escalation of cost for replacement of the entire refractory cover, even if there was a small crack development and/or spalling. The present invention attempts to provide an effective answer to the aforesaid problems associated with the prior art and relates to cement kiln burner tip refractory block, characterized in that shaped refractories of high strength, enhanced thermal shock resistance and resistance against abrasion and corrosion made from alumino silicate materials selected from the group of bauxite, fused alumina (white or brown), tabular alumina and/or sintered alumina in amounts ranging from 5 to 95% by weight, optionally in the presence of cement, and silicon carbide in the range of 1 to 50% by weight and, if desired, employing steel or ceramic fibres for reinforcing the cast refractory bodies in modular, segmented form for cladding round the burner pipe to prevent it from wear and tear and enhance its life by at least 1.5 times. This invention also discloses a mode of fixation of segmented refractory components to burner pipe.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2013

(21) Application No.1531/KOLNP/2013 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification	:A61F13/15,A61F13/472,A61F13/511
(31) Priority Document No	:2011-102231
(32) Priority Date	:28/04/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/061505
Filing Date	:23/04/2012
(87) International Publication No	:WO 2012/147981
(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)UNICHARM CORPORATION

Address of Applicant :182, Shimobun, Kinsei-cho,  
Shikokuchuo-shi, Ehime, 7990111 JAPAN

(72)Name of Inventor :

- 1)KOMATSUM, Shimpei
- 2)NODA, Yuki
- 3)WADA, Mitsuhiro
- 4)HASHINO, Akira
- 5)KINOSHITA, Hideyuki
- 6)NAKASHITA, Masashi
- 7)WADA, Ichiro

(57) Abstract :

An object of the disclosure is to provide an absorbent article that allows the user to visually confirm reduction in residue of highly viscous menstrual blood on the top sheet after its absorption, thereby providing reassurance to the user. The absorbent article of the disclosure is as follows. An absorbent article comprising a liquid-permeable top sheet, a liquid-impermeable back sheet, and an absorbent body between the liquid-permeable top sheet and liquid-impermeable back sheet, wherein the top sheet exhibits a color difference in the range of 37-80, based on the Lab color system and measured from a skin contact surface of the top sheet in a liquid dropping test.

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

## **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.3578/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AN IMPROVED ULTRASONIC ABRASIVE FLOW MACHINING AND A DEVICE THEREFOR

(51) International classification	:H01J	(71) <b>Name of Applicant :</b> <b>1)INDIAN INSTITUTE OF TECHNOLOGY ROORKEE,</b> Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE-247667, UTTARAKHAND, 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	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a development of new hybrid process called Ultrasonic Assisted Abrasive Flow Machining (UAAFM) process. A high frequency low amplitude (usually, within 5-20 kHz frequency and  $\pm 10 \mu\text{m}$  amplitude) linear oscillation is applied to the work piece orthogonal to the axial velocity of the working media. The effect enhances cutting conditions at the abrasive-work surface interface that results in enhanced performance of the new hybrid process many folds while compared with conventional AFM process. Developed process is capable of finishing advanced material efficiently and yields effective reduction in processing time.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3594/DEL/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : DIRECT SATURATED STEAM GENERATING LINEAR FRESNEL REFLECTOR SOLA ENERGY BOILER

(51) International classification	:H01S	(71) <b>Name of Applicant :</b> <b>1)K.G. DESIGN SERVICES PVT. LTD.</b> Address of Applicant :3E - 34 D B.P. NIT FARIDABAD 121001. Haryana 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. C SURESH KUMAR</b>
(87) International Publication No	:NA	<b>2)M. PRATAP</b>
(61) Patent of Addition to Application Number	:NA	<b>3)N. PRABHAKARAN</b>
Filing Date	:NA	<b>4)V. THIRU GANASAMPATH KR.</b>
(62) Divisional to Application Number	:NA	<b>5)J. SEMEON</b>
Filed on	:01/01/1900	<b>6)B S VISHNU KUMAR</b>

(57) Abstract :

Present invention relates to a LFR solar thermal direct saturated steam generation plant comprising one or more rows of LFR solar reflectors, one or more rows of LCR disposed at an elevated position and arranged parallel to the solar reflectors, a steam drum to separate moisture from steam, a feed pump to pump de-aerated circulating fluid into the steam drum, a recirculation pump to circulate the circulating fluid into the absorber tubes housed inside the LCR, a solar field having a first end(end A) and a second end(end B), wherein a configuration for the pipelines connects the absorber tubes with the solar receiver and outside to the steam drum at the first end(end A), and wherein the absorber tubes are looped at the second end(end B) so as to transfer the circulating fluid to two or more of the absorber tubes(210) in between them and return the circulating fluid to the first end(end A), such that said circulating fluid inside inner absorber tubes(220, 230) is hotter than the circulating fluid running inside the outer absorber tubes(210).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3603/DEL/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AN ARRANGEMENT FOR JET ENGINE TO REDUCE NOISE.

(51) International classification	:H02K	(71) <b>Name of Applicant :</b> <b>1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR</b> Address of Applicant :KANPUR-208016, UTTAR PRADESH, 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)ABHIJIT KUSHARI</b> <b>2)MUKUL ATRI</b> <b>3)SRIRAM GANESAN</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 :

This invention relates to an arrangement for jet engine to reduce noise.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3607/DEL/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : EFFECTIVELY COMMUNICATING LARGE PRESENCE DOCUMENTS WITHIN HIGH LATENCY AND LOSSY NETWORK ENVIRONMENTS

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)MOTOROLA SOLUTIONS INC.</b>
(32) Priority Date	:NA	Address of Applicant :8000 W. SUNRISE BLVD., FT.
(33) Name of priority country	:NA	LAUDERDALE, FLORIDA 33322, UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	<b>1)SATYANARAYANA.T</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RANJIT AVASARALA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A presentity (160) within a Presence Information Data Format-compliant data structure (120) can be identified. The structure (120) can be comprised of one or more presence elements (122, 124). The presence elements (122, 124) can be associated with the presentity (160) and/or computing devices (162) linked to the presentity (160). The structure (120) can be recursed to a presence element (122, 124) or an element of an ordered list. Presence information (126, 128) from the presence element (122, 124) or element from an ordered list can be obtained. A master document (130) associated with the presentity (160) can be created. The master document (130) can include reference identifiers (110) for one or more sub-documents (132, 134). A sub-document (132,134) can include its reference identifier, a reference identifier to another sub-document, and presence information (126) associated with the presence element (122, 124).

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3614/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : COMPOSITION FOR APPLICATION TO SKIN

(51) International classification	:A61K	(71) <b>Name of Applicant :</b> <b>1)CLOVER ORGANIC PVT. LTD.</b> Address of Applicant :41 SUBHASH ROAD, DEHRADUN-248 001, Uttarakhand 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	: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 composition for application to skin for prevention and/or treatment of skin related disorders comprising: i. micro-organisms ii. substrates iii. herbs

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.3580/DEL/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF DIBENZO-[B,F](1,4)-OXAZEPINE COMPOUNDS AND INTERMEDIATES THEREOF

(51) International classification	:C07C
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)DIRECTOR GENERAL, DEFENCE RESEARCH &  
DEVELOPMENT ORGANISATION

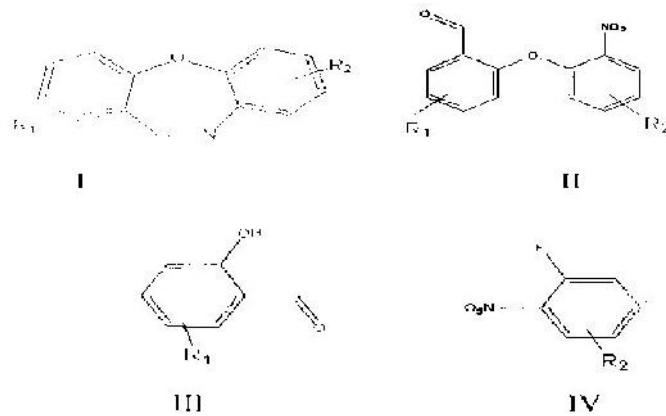
Address of Applicant :DEFENCE RESEARCH &  
DEVELOPMENT ORGANISATION, MINISTRY OF  
DEFENCE, ROOM NO. 348, B-WING, DRDO BHAWAN,  
RAJAJI MARG, NEW DELHI-110011, India

(72)Name of Inventor :

- 1)SAHOO, MANOJ KUMAR
- 2)TOMAR, LAXMI NARAYAN SINGH
- 3)GANESHAN, KUMARAN
- 4)VIJAYARAGHAVAN, RAJAGOPALAN

(57) Abstract :

The present disclosure relates to a process for preparation of Dibenzo[b,f]-(1,4)-oxazepine compounds of formula I, comprising: reacting 2-(2-Nitro-phenoxy)-benzaldehyde compound of formula (II) with a reducing agent in presence of an aprotic solvent to obtain dibenzo[b,f]-(1,4)-oxazepine compounds of formula (I); wherein said reducing agent is selected from titanium trichloride or zirconium chloride. The present disclosure relates to a process for preparation of 2-(2-Nitro-phenoxy)-benzaldehyde compound of formula (II) comprising: reacting salicylaldehyde of formula (III) with 1-fluoro-2-nitrobenzene of formula (IV) in presence of an inorganic base and a polar aprotic solvent at a temperature in the range of 120°C to 140°C to obtain 2-(2-nitro-phenoxy)-benzaldehyde compound of formula (II). The process of the present disclosure involves simple step, and it is energy and time saving process.



No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3590/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A NOVEL HERBAL COMPOSITION FOR THE TREATMENT OF PILES

(51) International classification	:A61K	(71) <b>Name of Applicant :</b> <b>1)RAVI RAJHANS</b> Address of Applicant :Z85A, DAYALSAR ROAD, BEHIND BANK OF BARODA, NEW DELHI-59 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)RAVI RAJHANS</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 describes various methods for the preparation of pharmaceutical formulation comprising crude soluble extracts (CSA) of various parts of Aegle marmelos for the treatment of early stages of piles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3593/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : FREQUENCY OFFSET ESTIMATION IN COMMUNICATION DEVICES

(51) International classification	:H01S	(71) <b>Name of Applicant :</b> <b>1)ST-ERICSSON SA</b> Address of Applicant :39 Chemin du Champ-des-Filles 1228 Plan-les-Ouates Geneva
(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 subject matter discloses a system and a method for estimating a frequency offset in communication devices. In one embodiment the method of estimating a frequency offset in a communication device comprises generating a reconstructed signal based at least in part on a channel impulse response (CIR) corresponding to a received signal. Further a normalization matrix is determined for the reconstructed signal. Thereafter based at least in part on the normalization matrix and the reconstructed signal the frequency offset is estimated such that the frequency offset corresponds to a maximum normalized-correlation between the reconstructed signal and the received signal.

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3620/DEL/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : IMMOBILIZATION OF PSEUDOMONAS MENDOCINA LIPASE WITH POTENTIAL SYNTHETIC ACTIVITIES.

(51) International classification	:H01J	(71) <b>Name of Applicant :</b> <b>1)AMITY UNIVERSITY</b> Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, Uttar Pradesh 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)PRAVEEN DAHIYA</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 extracellular bacterial lipase from Pseudomonas mendocina M-37 is isolated from a soil sample. The partially purified lipase is immobilized using microcrystalline cellulose where the carrier is activated using epichlorohydrin and hexamethylenetetramine. Use of microcrystalline cellulose is the first report for immobilization of Pseudomonas mendocina lipase which resulted in 7 fold increase in interesterification and transesterification activities. The immobilized lipase is tested for hydrolytic activity in water and transesterification and interesterification activity in organic solvent hexane. Lipase from Pseudomonas mendocina has a good potential for interesterification and transesterification reactions and thus can be utilized for industrial use, mainly in modification of fats and oils.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3621/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : BIOSYNTHESIS OF SILVER NANOPARTICLES USING MYRISTICA FRAGRANS (NUTMEG)  
SEED EXTRACT

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GARIMA SINGHAL 2)R. P. SINGH 3)MIMA KURIAN
(87) International Publication 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 biosynthesis of stable silver nanoparticles using nutmeg (Myristica fragrans) seed extract. The solution of M. fragrans seed extract is added to a solution comprising silver nitrate at 50°C for reduction of silver ions to silver nanoparticles. The Myristica fragrans seed extract reduces silver ions into silver nanoparticles within 12 minutes of reaction time. The silver nanoparticles produced have a diameter between about 7 nanometers (nm) and about 20 nm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3651/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : VALVE LIFTER ASSEMBLY FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:H01J	(71) <b>Name of Applicant :</b> <b>1)CATERPILLAR INC.</b> Address of Applicant :100 N.E. ADAMS STREET PEORIA ILLINOIS 61629-9510 UNITED STATES OF AMERICA
(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 :

An internal combustion engine (10) includes a cylinder block (14) defining a lifter bore (18) and a valve lifter assembly (30) positioned at least partially within the lifter bore (18) and configured to actuate a push rod (32). The assembly (30) includes a valve lifter (42) and an angular displacement-limiting clip (92). A cutout (74) is formed on a proximal end (44) of the valve lifter (42) and includes a channel (78) and a taper (80). The valve lifter (42) is rotatable out of alignment with a cam (26) and the clip (92) limits angular displacement of the valve lifter (42) via contacting a wall portion (19) of the cylinder block (14). First and second fillets (114) of the clip (92) are positionable within the cutout (74) such that the taper (80) provides a clearance for inhibiting impingement of the valve lifter(42) upon the fillets (114).

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.3630/DEL/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ANTENNA ACTIVITY DETECTION IN MULTI-ANTENNA COMMUNICATION DEVICES

(51) International classification	:H02J	(71) <b>Name of Applicant :</b> <b>1)ST-ERICSSON SA</b> Address of Applicant :Chemin du Champ-des-Filles 39 1228 Plan-les-Ouates Switzerland
(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)DAS Sajal Kumar</b>
(87) International Publication No	: NA	<b>2)MOOGI Suyog</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MUPPIRISSETTY Leela Srikan</b>
Filing Date	:NA	<b>4)VARSHNEY Deepak</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a method for antenna activity detection in multi-antenna communication devices. In one embodiment the method comprises computing a received signal strength indicator (RSSI) value for each of a plurality of antennas based on a sampled data associated with each of the antennas. The RSSI values may then be analyzed to identify an antenna having a highest RSSI value as a primary antenna and one or more antennas having the RSSI value less than the highest RSSI value as auxiliary antennas. Further an RSSI difference for each of the auxiliary antennas is calculated and compared with a first threshold value to ascertain one or more potentially inactive antennas from among the auxiliary antennas. The potentially inactive antennas may then be further analyzed to identify one or more inactive antennas based at least in part on the RSSI value.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3639/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : CONFORMAL COATING INCLUDING EMBEDDED THERMAL ENERGY ABSORBING MATERIAL

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INTEL CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :2200 MISSION COLLEGE BLVD.,
(33) Name of priority country	:NA	M/S: RNB4-150, SANTA CLARA, CALIFORNIA 95052,
(86) International Application No	:NA	UNITED STATES OF AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	<b>1)WIKANDER, JERED H.</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MACDONALD, MARK</b>
Filing Date	:NA	<b>3)MCEUEN, SHAWN S.</b>
(62) Divisional to Application Number	:NA	<b>4)JAGADISH, HARISH</b>
Filing Date	:NA	<b>5)PIDWERBECKI, DAVID</b>

(57) Abstract :

Examples are disclosed for a conformal coating molded around power source circuitry, electrical components or at least portions of a display for a computing device. The conformal coating to include embedded microencapsulated thermal energy storage material to absorb heat generated by the electrical components.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3650/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD OF EXTENDING ENGINE SERVICE LIFE AND ANGULAR DISPLACEMENT-LIMITING CLIP FOR SAME

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)CATERPILLAR INC.</b>
(32) Priority Date	:NA	Address of Applicant :100 N.E. ADAMS STREET
(33) Name of priority country	:NA	PEORIA ILLINOIS 61629-9510 UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SATISH REMALA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SATHISHKUMAR RAMAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A clip (92) includes a one-piece metal body (93) having a holder (94) and an attached hanger (96). The clip (92) is configured to couple with a valve lifter (42) to form a lifter assembly (30) for varying the position of a valve (36) in an internal combustion engine (10). The holder (94) may be C-shaped and the hanger (96) may be U-shaped. The one-piece metal body (93) further includes an anti-scuffing outer profile and a first and a second fillet (114) transitioning from the holder (94) to the hanger (96) for diffusing stresses induced in the clip (92) at an angular displacement-limiting stop position defined by contact between the hanger (96) and a wall portion (19) of a cylinder block (14). Related methodology is disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/04/2011

(21) Application No.1108/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : TOPICAL COMPOSITIONS COMPRISING STEROID AND A VITAMIN D-RELATED COMPOUND

(51) International classification	:A61K31/00	(71) <b>Name of Applicant :</b> <b>1)Dr Reddy™s Laboratories Limited</b> Address of Applicant :8-2-337 Road No 3 Banjara Hills Hyderabad Andhra Pradesh India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	<b>2)Dr.Reddy™s Laboratories Inc.</b>
Filing Date	:NA	
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)Madhusudhan Bommagani</b>
Filing Date	:NA	<b>2)Ram Reddy Patlolla</b>
(62) Divisional to Application Number	:NA	<b>3)Vijendra Nalamothu</b>
Filing Date	:NA	<b>4)Refika Isil Pakunlu</b>
		<b>5)Manoj Kumar Soni</b>

(57) Abstract :

A topical pharmaceutical composition comprising betamethasone dipropionate, calcipotriene monohydrate and one or more pharmaceutically acceptable excipients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1113/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING AND PREVENTING MASTITIS

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AYYATHURAI KONAR, T.
(32) Priority Date	:NA	Address of Applicant :T. KRISHNAPURAM SAPTUR,
(33) Name of priority country	:NA	PERAIYUR, MADURAI - 625 014 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AYYATHURAI KONAR, T.
(87) International Publication 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 extracts of leaves of Abrus precatorius, leaves of Cleome gynandra, roots of Aristalochia indica, leaves of Thymus vulgaris, and leaves of Salvia officinalis for use in treating and preventing Mastitis in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1115/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND SYSTEM OF HANDLING IN-DEVICE COEXISTENCE IN VARIOUS WIRELESS NETWORK TECHNOLOGIES

(51) International classification	:H04W	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b> Address of Applicant :Bagmane Lakeview Block B No. 66/1 Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore 560093 Karnataka 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	: 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 system for handling in-device co-existence in wireless network technologies is disclosed. The method provides Time Division Multiplexing and power domain based solutions for in device co-existence. In TDM based approach, the method sends interference indication and assistant information to the Base station. In an embodiment, a preferred solution may also be sent to the Base station. Further, the Base station takes a decision on the preferred solution to be employed. In power domain approach, Base station reduces the transmission power of the LTE uplink transmission which actually overlaps with ISM/GNSS reception opportunity. Further, a hybrid based solution for implementation of TDM and power domain solution based on the scenario is also disclosed. Even though the proposed mechanism is discussed from 3GPP LTE/ LTE-Advanced context, it is in general applicable to similar cellular technologies.

No. of Pages : 53 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1130/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/04/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : GEAR LEVER ACTUATOR SYSTEM FOR GEAR BOXES USED IN VEHICLES AND ITS OPERATION METHOD

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)A V NIMESH
(32) Priority Date	:NA	Address of Applicant :ALLAPAT HOUSE, PATTALA
(33) Name of priority country	:NA	KUNNU, MANNUPATHY P.O, THRISSUR DISTRICT - 680
(86) International Application No	:NA	651 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)A V NIMESH
(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 gear lever actuator system for gear boxes used in vehicle(s).The gear lever actuator system as embodied by the present invention comprises, a universal hook joint (17) replacing the Swivel ball joint (10). of the conventional gear lever actuator system. Further, universal hook joint (17) includes universal cross joint (19) which is free to rotate about X - axis on stand (20). Gear actuator lever (21) and Gear stick (22) are connected through U-type connection (23) to universal cross joint (19). Gear actuator lever (21) and gear stick (22) are held on universal cross joint (19), and they are free to rotate about Z - axis on universal cross joint (19). X and Z axes are present in the plane of universal cross joint (19). Gear changing operation is performed by gear stick (22) which is operated by gear actuator lever (21) through universal cross joint (19).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1162/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/04/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : DISTRIBUTED CHARGE CONTROLLER APPARATUS FOR ACCURATE CHARGING OF CHARGE STORAGE MEDIUM VIA CONNECTED SEPARATE SOURCES OF RENEWABLE ENERGY POINTS OPERATING AT THEIR OPTIMUM EFFICIENCY POINT

(51) International classification	:H02J	(71) <b>Name of Applicant :</b> <b>1)MR. SUDHAKAR GANGANNA</b> Address of Applicant :NO.01, GUNASHEELA LAYOUT, 19TH CROSS, 24TH MAIN, JP NAGAR V PHASE, BANGALORE-560 078. Karnataka 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	: 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 distributed charge controller apparatus and system for accurate charging of charge storage via connected separate sources of renewable energy points operating at their optimum efficiency point. It helps in accurate charging of the battery by the dedicated charge storage interface unit 12. The type of the energy source and MPPT unit can be changed seamlessly as long as the power limits of the CSIU are not breached.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/04/2011

(21) Application No.1184/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHOD FOR ENABLING AUGMENTED REALITY IN REPORTS

(51) International classification	:G06F	(71) <b>Name of Applicant :</b> <b>1)INFOSYS TECHNOLOGIES LIMITED</b> Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with various embodiments of the present invention, the electronic device checks whether a viewing application capable of rendering augmented reality (AR) is present in the electronic device. If such a viewing application is present, the viewing application identifies any augmented reality (AR) markers present in the physical document. On identifying an AR marker in the document, the viewing application (or the electronic device) fetches relevant content from a predefined source and displays the relevant content to the user. The relevant content may be any of a chart, a 3D chart, a report, a video recording, and so forth. In case the viewing application is not already present, the electronic device downloads the viewing application from a predefined location.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/04/2011

(21) Application No.1210/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD, SYSTEM, AND COMPUTER-READABLE MEDIUM FOR PROVIDING LOCATION-BASED LISTING SERVICES

(51) International classification	:G06F	(71) <b>Name of Applicant :</b> <b>1)INFOSYS TECHNOLOGIES LIMITED</b> Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100. Karnataka 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	: 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 computer-implemented method, system and computer readable medium for providing context-based listing services. The method comprises registering at least one first service provider with an second service provider wherein registering comprises that the first service provider provides the information via a communication network to the second service provider and it validates the information. Validating comprises identify the location of the first service provider and/or request to at least one predefined user located nearby the location of the first service provider. At least one user requests the second service provider for the information via the communication network. At least one user retrieves the information and provides ranking to category of services so as to update the information in the second service provider.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1228/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/08/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : 'A NOVEL METHOD FOR PERORALDELIVERY OF INSULIN AND ITS ANALOGUES FOR THERAPEUTIC USAGE'

(51) International classification	:A61K9/00	(71) <b>Name of Applicant :</b> <b>1)Transgene Biotek Ltd.</b> Address of Applicant :Plot 68 69 70 & 70a ANRICH Industrial Area IDA Bollaram Medak District AP 502315 Punjab 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	: 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 for treating type 1 and type 2 diabetes by administering an oral pharmaceutical formulation which comprises of insulin or its analogues amalgamated with suitable encapsulating agents and pharmaceutical excipients. The encapsulated pharmaceutical oral formulation protects insulin or its analogues from harsh milieu of the gastrointestinal tract and facilitates efficient delivery of insulin at targeted sites with sustained hypoglycemic activity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1229/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/04/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : GENERIC ALGORITHMIC TRADE EXECUTION SYSTEM

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b> <b>1)OMNESYS Technologies Pvt. Ltd.</b> Address of Applicant :No. 55/B 1st Main Road Electronic City Hosur Road Bangalore-560 100 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A technique for designing, implementing and deploying a generic algorithmic/automated Algorithmic Trade Execution system is disclosed. This invention relates to trading technology area, and more particularly to trading algorithms and execution algorithms. Present day technology costs are high for the traders. Further the present solutions require a large time to market. Further, no online risk checks and blocks are available to designing trading algorithm. The proposed system provides the essential building blocks of the algorithm to create/build trading algorithms in a short span of time at relatively low cost. Further, the trader can edit any pre-existing algorithm at the server and deploy it in no time. He can also extend on existing algorithms depending on market conditions without need for any software development.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.1253/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF OLOPATADINE HYDROCHLORIDE

(51) International classification	:C07D	(71) <b>Name of Applicant :</b> <b>1)MATRIX LABORATORIES LTD</b> Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM TOWERS, ALEXANDER ROAD, SECUNDERABAD INDIA- 500 003 Andhra Pradesh 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)GORE, VINAYAK</b>
(87) International Publication No	: NA	<b>2)GADAKAR, MAHESH KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PATEL, MAHESH</b>
Filing Date	:NA	<b>4)PATIL, MADHUKAR</b>
(62) Divisional to Application Number	:NA	<b>5)PUNDE, DNYANDEO</b>
Filing Date	:NA	<b>6)WAGH, GHANSHYAM</b>
		<b>7)BHALERAO, RAHUL</b>

(57) Abstract :

The present invention is to provide an improved process for the preparation of Olopatadine or its salt. The present invention also provides a process for increasing the (Z) / (E) ratio of Olopatadine or its salt thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.1263/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FILE SYSTEM SHARING

(51) International classification	:G06F	(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	
(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 :

File system sharing in multi-host computing system (100) running multiple operating systems is described herein. A file systems stored on different data partitions (110-1) and (110-1), of different operating systems (106-1) and (106-2), running on a multi-host computing system (100) may be shared based on file server-client architecture. According to the implementation, an operating system (106-1) may share its file system as file server and other operating system (106-2) may access the shared file system as file client. In one implementation, the sharing of data between multiple hosts is enabled by a high speed, low latency, inter processor communication bus, FiRE (124).

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.1267/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PREPARATION OF RETIGABINE AND ITS SALTS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1) <b>Dr Reddys Laboratories Limited</b> Address of Applicant :Dr. Reddys Laboratories Limited 7-1-27 Ameerpet Hyderabad Andhra Pradesh India.
(32) Priority Date	:NA	2) <b>Dr Reddys Laboratories Inc.</b>
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No Filing Date	:NA	1) <b>Vetukuri Venkata Naga Kali Vara Prasada Raju</b> 2) <b>Ganta Madhusudhan Reddy</b> 3) <b>Vujjini Satish Kumar</b> 4) <b>Badarla Venkata Krishna Rao</b> 5) <b>Javed Iqbal</b> 6) <b>Oruganti Srinivas</b> 7) <b>Kandagatla Bhaskar</b> 8) <b>Rapolu Rajesh Kumar</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present application relates to processes for the preparation of retigabine and Its pharmaceutical acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/04/2011

(21) Application No.1268/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AN ERROR PROOF SWITCH BACK ARRANGEMENT FOR A MULTI SPEED AXLE

(51) International classification	:F16H	(71) <b>Name of Applicant :</b> <b>1)Meritor HVS (India) Limited</b> Address of Applicant :Plot No. 36 Hootagalli Industrial Area Off Hunsur Road Mysore 570 018 Karnataka 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	: 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 switch back arrangement for a ratio shifter of a multi speed axle. During failure of the ratio shift, the air inflow is stopped or withdrawn from the source through the air valve into the shifter unit causing the ratio to shift back to the previous position.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/04/2011

(21) Application No.1284/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CONSENSUS BASED LANGUAGE MENTORING, DECISION MAKING AND CLASSIFICATION TOOL

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DEEPA VIVEKANANDAN</b>
(32) Priority Date	:NA	Address of Applicant :NO. 734, 4TH MAIN, BDA
(33) Name of priority country	:NA	LAYOUT, 1ST BLOCK, HAL 3RD STAGE, BANGALORE -
(86) International Application No	:NA	560 075 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)DEEPA VIVEKANANDAN</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 system and method for interaction and sharing of knowledge and expertise among various members who are both online and offline. More particularly, the present invention relates to a system-implemented method for applications such as language mentoring and decision making through contact with experts in different domains through a communication platform. Further, the present invention aims to provide a system for problem solving, employment opportunities, monitory and other benefits.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1341/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/04/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF AMORPHOUS TOLVAPTAN

(51) International classification	:A61K	(71) <b>Name of Applicant :</b> <b>1)MATRIX LABORATORIES LTD</b> Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM TOWERS, ALEXANDER ROAD, SECUNDERABAD - 500 003 Andhra Pradesh 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	: 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 amorphous Tolvaptan.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1370/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/04/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : ANALYSIS SYSTEM FOR TEST ARTIFACT GENERATION

(51) International classification	:G06Q, G06F	(71) <b>Name of Applicant :</b> <b>1)Accenture Global Services Limited</b> Address of Applicant :3 Grand Canal Plaza Grand Canal Street Upper Dublin 4 Ireland
(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 :

A requirements testing system facilitates the review and analysis of requirement statements for software applications. The requirements testing system generates test artifacts from the requirement statements. The test artifacts characterize the requirements statements to provide valuable analysis information that aids understanding whether the requirement statements are testable, what the intentions of the requirement statements are, and other useful analysis information. Because the system generates the analysis information from the requirement statements, the system provides benefits in terms of early feedback along the software application development timeline.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/02/2012

(21) Application No.1378/CHENP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : AN AMORPHOUS OXIDE

(51) International classification	:H01L
(31) Priority Document No	:2004-326687
(32) Priority Date	:10/11/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP05/20980
Filing Date	:09/11/2005
(87) International Publication No	:WO/2006/051993
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:2492/CHENP/2007 :09/11/2005

(71)Name of Applicant :

1)CANON KABUSHIKI KAISHA

Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO 146-8501 Japan

2)TOKYO INSTITUTE OF TECHNOLOGY

(72)Name of Inventor :

1)SANO, MASAFUMI

2)NAKAGAWA, KATSUMI

3)HOSONO, HIDEO

4)KAMIYA, TOSHIO

5)NOMURA, KENJI

(57) Abstract :

The present intention relates to an amorphous oxide comprising at least one element selected from the group consisting of In, Zn and Sn, wherein the amorphous oxide has an electron carrier concentration of 10 /cm or more and less than 10 /cm , and wherein the amorphous oxide contains a microcrystal having a grain boundary interface surrounded by the amorphous oxide.

No. of Pages : 97 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/04/2011

(21) Application No.1382/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : NATURAL EVAPORATION TOWER BASED SYSTEM AND OPERATION METHOD FOR CONCENTRATION, EVAPORATION AND COOLING OF LIQUIDS

(51) International classification	:B01D, C02F	(71)Name of Applicant : <b>1)NIFT-TEA KNITWEAR FASHION INSTITUTE</b> Address of Applicant :TEKIC-TEA NAGAR MUDALIPALAYAM, TIRUPPUR-641 606 Tamil Nadu 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 : <b>1)RAJA M SHANMUGAM</b> <b>2)A.C KALIDAS</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 :

Feed Storage tank (14) contains Reverse Osmosis (RO) reject pumped to the Top of the Tower (11/11G) of the present invention by a pump (13). Said Tower is provided in two embodiments- tower optionally with vertical partition (11G), without partition (11). The pumped RO reject is sprinkled by Sprinkler system (15). Exhaust fan (1/1G) is provided at top of the tower (11/11G). The Sprinkled RO reject passes through the thorn twigs - Prosopis juliflora (4/4G) provided as infill between mainframes (3/3G) and reaches the bottom of the tower, after which, the effluent comes in contact with the wind/air evaporating water. The resultant RO reject exhausted from tower falls onto the Solar Pond (12). Wooden logs are used to provide support (6/6G) laterally to the evaporator system so as to provide stability during days in which wind velocity is very high. Ground support is provided by bed bolts (7/7G)made of steel

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1399/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/04/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PROCESS FOR THE PREPARATION OF NATURAL CURCUMINOIDS AND ITS PHARMACEUTICAL COMPOSITION THEREOF

(51) International classification	:A61K36/00	(71) <b>Name of Applicant :</b> <b>1)APTTUIT LAURUS PVT. LTD</b> Address of Applicant :2ND FLOOR, SERENE CHAMBERS ROAD #7, BANJARA HILLS HYDERABAD-500 034 Andhra Pradesh 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	: 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 selective process for the preparation of natural identical curcuminoids. The present invention also provides a composition using the curcuminoids of the present invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1423/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/04/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND COMPOSITION FOR SOLUBILISATION OF HYDROPHOBIC COMPOUND

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. N.SUBRAMANIAN</b>
(32) Priority Date	:NA	Address of Applicant :3/118, SOUTH STREET,
(33) Name of priority country	:NA	CHOKKANATHAPURAM, KURUMBALUR,
(86) International Application No	:NA	PERAMBALUR (T.K AND DIST), PIN CODE: 621 107 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	<b>2)S. ABIMANYU</b>
(61) Patent of Addition to Application Number	:NA	<b>3)P. CHANDRA SEKAR</b>
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	<b>1)DR. N.SUBRAMANIAN</b>
Filing Date	:NA	<b>2)S. ABIMANYU</b>
		<b>3)P. CHANDRA SEKAR</b>

(57) Abstract :

The invention pertains to a method and composition that produces solutions and nano-suspensions to enhance the dissolution rate/solubility of hydrophobic compounds as well as to the solubilized compounds produced by carrying out such process, and are subsequently processed into suitable dosage forms.

No. of Pages : 54 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2011

(21) Application No.1435/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHOD FOR ENABLING TERMINAL CO-OPERATION AMONG WIRELESS DEVICES IN A CELLULAR NETWORK ENVIRONMENT

(51) International classification	:H04W	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b> Address of Applicant :Bagmane Lakeview Block B No. 66/1 Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore 560093 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)JOSHI DHIRAJ</b>
(62) Divisional to Application Number	:NA	<b>2)INGALE MANGESH ABHIMANYU</b>
Filing Date	:NA	<b>3)AGIWAL ANIL</b>

(57) Abstract :

The present invention provides a method and system for enabling terminal co-operation in a wireless communication network. In one embodiment, a method includes receiving control information and/or data from a base station connected to a donor subscriber station during a non-cooperating period in a downlink period of a frame, and receiving control information and/or data from a partner subscriber station during a cooperating period in the downlink period. Furthermore, the method includes transmitting control information and/or data to the base station during a non-cooperating period of an uplink period in the frame, and transmitting control information and/or data from the partner subscriber station during a cooperating period of the uplink period.

No. of Pages : 85 No. of Claims : 98

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/04/2011

(21) Application No.1463/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A METHOD FOR THE SYNTHESIS OF COLLOIDAL SILVER

(51) International classification	:C30B	(71) <b>Name of Applicant :</b> <b>1)RESIL CHEMICALS PVT. LTD.</b> Address of Applicant :NO. 28 & 30, BCIE, OLD MADRAS ROAD, VIJANPURA, BANGALORE - 560 016 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a controlled method for the synthesis of stable colloidal silver. Stable colloidal silver with variable physical and functional properties is obtained by the process of the present disclosure. The present disclosure also provides a formulation comprising the stable colloidal silver prepared by the process of the present disclosure.

No. of Pages : 34 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/04/2011

(21) Application No.1468/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : BRAKE SYSTEM

(51) International classification	:B60T	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES,NO. 29, (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006. Tamil Nadu 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)ASHISH DUBEY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RENGARAJAN BABU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A brake system is provided with a first brake cable connected between one hand operated lever and the front brake panel ; a bracket provided on downtube frame of the vehicle; a second brake cable connected between second hand operated lever and the said bracket; and an elongated horizontal brake rod connected between the said bracket and the rear brake panel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/05/2011

(21) Application No.1471/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A PROCESS FOR DELIVERING ENCAPSULATED NATURAL BIOIMAGINE MOLECULES, COMPLEX, AND PROCESS THEREOF

(51) International classification	:A61K	(71) <b>Name of Applicant :</b> <b>1)NATIONAL CENTRE FOR BIOLOGICAL SCIENCES</b> Address of Applicant :Tata Institute of Fundamental Research GVK Campus Bellary Road Bangalore 560 065 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to delivering neutral bioimaging molecules encapsulated within icosahedral DNA capsules in vivo and in vitro. The present disclosure also discloses the entrapment of neutral bioimaging molecules like FITC dextran within the cavity of a DNA polyhedron without any molecular recognition or chemical conjugation between host (DNA icosahedron) and cargo (like FITC Dextran). This DNA polyhedron is structurally well defined and shows high encapsulation efficiency. The present disclosure also relates to complex formed due to the encapsulation of neutral bioimaging agents within icosahedral DNA capsules.

No. of Pages : 53 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1483/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A METHOD FOR REDUCING HETEROGENEITY OF ANTIBODIES AND A PROCESS OF PRODUCING THE ANTIBODIES THEREOF

(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)BIOCON RESEARCH LIMITED**

Address of Applicant :SEZ Unit No 3 Biocon Special Economic Zone Bommasandra Jigani Link Road Bommasandra Industrial Area Bangalore-560 099 Karnataka India

**(72)Name of Inventor :**

**1)RUCHIKA SRIVASTAVA**

**2)SNEHA LAKSHMANDAS HEMDEV**

**3)ANKUR BHATNAGAR**

**4)SARAVANAN DESAN**

**5)ANUJ GOEL**

**6)HARISH IYER**

**(57) Abstract :**

The present disclosure relates to a method of reducing heterogeneity in antibodies during culturing, wherein the heterogeneity is due to proportion of charge variant of the antibody. The disclosure also comprises a process of growing cells in a cell culture system that results in antibodies with the reduced heterogeneity.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/04/2011

(21) Application No.1486/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHODS FOR REDUCING ACCUMULATION OF LACTATE DURING CULTURING AND METHOD FOR PRODUCING POLYPEPTIDE

(51) International classification	:C12N	(71) Name of Applicant :
(31) Priority Document No	:NA	<b>1) BIOCON RESEARCH LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :SEZ Unit No 3 Biocon Special
(33) Name of priority country	:NA	Economic Zone Bommasandra Jigani Link Road
(86) International Application No	:NA	Bommasandra Industrial Area Bangalore 560 099 Karnataka
Filing Date	:NA	India
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	<b>1) RUCHIKA SRIVASTAVA</b>
Filing Date	:NA	<b>2) SNEHA LAKSHMANDAS HEMDEV</b>
(62) Divisional to Application Number	:NA	<b>3) ANKUR BHATNAGAR</b>
Filing Date	:NA	<b>4) SARAVANAN DESAN</b>
		<b>5) ANUJ GOEL</b>
		<b>6) HARISH IYER</b>
		<b>7) VANA RAJA</b>
		<b>8) LAVANYA RAO</b>

(57) Abstract :

The present disclosure relates to methods of decreasing lactate production in cell culture using divalent transitional metallic salts. The present disclosure also relates to a method of producing polypeptide by adding divalent transitional metallic salt to the cell culture medium for reducing lactate accumulation followed by fermenting and recovering the polypeptide.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1500/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/04/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PERMITTING STATIC MAC MOVEMENT WITHIN A SECURED NETWORK

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)Alcatel Lucent</b> Address of Applicant :3 avenue Octave Grard 75007 Paris
(32) Priority Date	:NA	France
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Om Prakash</b>
Filing Date	:NA	<b>2)Muthu Krishnan Veeraraghavan</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 :

Embodiments herein disclose a system and method of permitting static MAC movement across a network. Instead of limiting access to a network only through a particular port within that configured network, the proposed system permits a user to access a network through any port present within that particular network. The system comprises a combination of software and hardware where the hardware is configured using said software. Whenever a new device is newly configured to a network, its MAC address is registered with the hardware as well as software tables. Subsequent movements of that device among different ports are checked in the software tables for permission and updated in the hardware table. When a configured device tries to connect to the network through any allowed port within that network, access is granted. This system provides flexibility to the administrator in controlling secured access to networks.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2011

(21) Application No.1503/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DELEGATING GROUP OWNERSHIP IN A WI-FI PEER TO PEER NETWORK

(51) International classification	:H04L	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b> Address of Applicant :Bagmane Lakeview Block B No. 66/1 Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore 560093 Karnataka 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	: 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 to delegate group ownership in Wi-Fi Peer-to-Peer (P2P) network. Group Owner (GO) of Wi-Fi P2P network broadcasts the intent request frames to all of its P2P clients. Further, each client in the Wi-Fi P2P group responds with their intent value to become the next group owner. The group owner determines new group owner based on the intent values received to delegate the group ownership. Once the delegation transformation is completed, the new Group owner is advertised to the P2P group. The GO may also delegate the ownership to a device outside the group.

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/04/2011

(21) Application No.1504/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MANAGED INTERNET CONNECTION SHARING

(51) International classification	:H04L	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b> Address of Applicant :Bagmane Lakeview Block B No. 66/1 Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore 560093 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method for remotely controlling sharing Internet connection among mobile devices is disclosed. The method employs a mechanism to remotely manage the Internet Connection Sharing (ICS) among the mobile devices by the service provider. For this purpose, the method proposes the use of a new management objects called as Internet Connection Sharing Management Object (ICSMO) in OMA DM. The method enables the service provider to configure the Internet connection sharing settings of a mobile device. On configuration, the mobile device is restricted to share its Internet connection to a pre-defined number of peer mobile devices or there may be a limit on the amount of data shared with the peer mobile devices. The method thus ensures that the service provider/ network operator is not at loss and promises good revenues.

No. of Pages : 30 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/05/2011

(21) Application No.1604/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A PORTABLE AUTHENTICATION SYSTEM AND A METHOD THEREOF

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b> <b>1)CORESONANT SYSTEMS PVT LTD</b> Address of Applicant :BEC COMPLEX, H-NO 15-27, BEERAPPAGADDA, UPPAL, HYDERABAD - 500 039 Andhra Pradesh 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable authentication system operatively coupled with at least one network configurable device and includes biometric scanning means to capture biometric information of a user, data storage means to store captured biometric information and link the biometric information with data related to the user, and control means to validate captured biometric information and transmit the data to the network configurable device. The method for authentication includes the steps of capturing biometric information of a user, storing captured biometric information, linking the biometric information with data related to the user, authenticating the user by comparing captured biometric information with registered and stored biometric information of the user, and transmitting the encrypted data to the network configurable device for secure data transfer. An identity for the user is provided on the internet by way of biometric access and optionally online storage of data is provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1707/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/05/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : BIO-DEGRADABLE NON-WOVEN ABRASIVE MATERIAL AND PROCESS FOR MANUFACTURING THE SAME

(51) International classification	:B24D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)CARBORUNDUM UNIVERSAL LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PARRY HOUSE, 43, MOORE
(33) Name of priority country	:NA	STREET, CHENNAI - 600 001 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)ABDUL KAREEM MOHAMED RIYAZ</b>
(87) International Publication No	: NA	<b>2)SELVARAJ, ANITHA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ANTONY SAMY XAVIER KENNEDY</b>
Filing Date	:NA	<b>4)RAJENDRAN KARTHICK</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an abrasive material comprising three-dimensional non-woven web of biodegradable fibers coated with biodegradable binder solution and plurality of biodegradable abrasive particles.

No. of Pages : 23 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/05/2011

(21) Application No.1734/CHE/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : SHROUD FOR A FAN COOLED INTERNAL COMBUSTION ENGINE

(51) International classification	:F16M	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES, NO. 29 (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu 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)OM PRAKASH SINGH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KANDREGULA SRINIVAS RAO</b>
Filing Date	:NA	<b>3)T SREENIVASULU</b>
(62) Divisional to Application Number	:NA	<b>4)FAIZ AHMED</b>
Filing Date	:NA	

(57) Abstract :

Disclosed is a construction of a fan shroud for a fan cooled internal combustion engine. The fan shroud has twain complementing structural members equipped to draw filtered cool ambient air and guide it axially to pass it over the engine. The apparatus is further prepared to blow out the exhaust air from multiple air exhausts for effective heat evacuation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1442/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/04/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF DRONEDARONE HCI

(51) International classification	:A61K, C07D	(71) <b>Name of Applicant :</b> <b>1)MATRIX LABORATORIES LTD</b> Address of Applicant :PLOT NO 564/A/22, ROAD NO 92, JUBILEE HILLS, HYDERABAD-500 033 Andhra Pradesh 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)VELLENKI, SIVA RAMA PRASAD</b>
(87) International Publication No	: NA	<b>2)SAHU, ARABINDA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KATUKURI, ARAVIND KUMAR</b>
Filing Date	:NA	<b>4)SABBAM, RAMESH KUMAR</b>
(62) Divisional to Application Number	:NA	<b>5)DAGGULA, SRINIVASA REDDY</b>
Filing Date	:NA	<b>6)SHAIK, MAHABOOB BASHA</b>

(57) Abstract :

The present invention relates to an improved process for the preparation of Dronedarone or its pharmaceutically acceptable salt.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2011

(21) Application No.1444/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : BIOSENSOR ON SNAKE VENOM IDENTIFICATION

(51) International classification	:G01N	(71) <b>Name of Applicant :</b> <b>1)NAIR, DILEEP KUMAR RAVEENDRAN</b> Address of Applicant :KAMUKUMPUZHA, CHENNITHALA P.O, MAVELIKARA, 690105 Kerala 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An easy to operate multiport biosensor for the identification of snake responsible for the envenomation and also to quantify the venom present in the victim's body which can replace the conventional non-specific polyvalent technology to specific monovalent technology and thereby significantly reduces the allergen load on the patient and associated side effects.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2011

(21) Application No.1704/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MEASUREMENT, PLANNING, MONITORING AND EXECUTION OF OUT OF HOME MEDIA

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NANDAKUMAR, PURUSHOTTAMAN
(32) Priority Date	:NA	Address of Applicant :# 269, VAKIL GARDEN CITY,
(33) Name of priority country	:NA	KANAKPURA ROAD, BANGALORE - 560 062 Karnataka
(86) International Application No	:NA	India
Filing Date	:NA	2)CHANDRA, VINAY
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NANDAKUMAR, PURUSHOTTAMAN
Filing Date	:NA	2)CHANDRA, VINAY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention generally relates to a system for measurement, planning, monitoring and execution of advertisements on out-of-home media. The invention provides a method by which greater eyeball content is ensured to out-of-home media assets thereby benefiting advertisers and ensuring efficient advertising budget spend.

No. of Pages : 52 No. of Claims : 78

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/05/2011

(21) Application No.1751/CHE/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : MULTI NUT REMOVER FOR AUTOMOBILES

(51) International classification	:F16H	(71) <b>Name of Applicant :</b> <b>1)PREM ANANTH M</b> Address of Applicant :SRI VENKATESWARA COLLEGE OF ENGINEERING POST BAG NO:3, PENNALUR SRIPERRUMBUDUR - 602 105 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Multi nut remover is the kit invented to reduce the manual effort and time for removing the wheels of the vehicles. The plurality of lug nuts can be removed at a time without the usage of electric motor or any hydraulic and pneumatic devices. The planetary shafts are arranged exactly in the pitch circle position of the lug nuts. This method can be used to remove any number of lug nuts but the design of gear varies according to the certain parameters like number of lug nuts, pitch circle diameter. The center gear is at the center of the base plate 1 & 2 which can be rotated freely with the help of ball bearings. The planetary gears are made to mesh with the center gear. As the center shaft 11 is rotated the planetary shaft (5, 6, 7 & 8) also rotates but in the opposite direction. Box spanners are fixed at the end of the planetary shafts to hold the lug nuts. Direction of rotation is opposite to the conventional. To tighten the nut, center shaft 11 is to be rotated in the anticlockwise direction and for removing the nut, center shaft 11 is to be rotated in the clockwise direction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1763/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/05/2011

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : COOLING FAN FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES, NO. 29, (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu 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)OM PRAKASH SINGH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)FAIZ AHMED</b>
Filing Date	:NA	<b>3)T. SREENIVASULU</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cooling system for an air cooled engine of a motorcycle is provided comprising two axial fans operatively positioned at opposite surfaces of the engine, the fan axes perpendicular to the long axis of the motorcycle and directly or indirectly mounted on the camshaft directing air axially towards the said engine head so as to minimize the temperature gradient on the opposite engine surfaces when the engine is in operative condition and increase the cooling efficiency by providing uniform cooling to the opposite engine surfaces.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2011

(21) Application No.1764/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : HAND LEVER ASSEMBLY

(51) International classification	:B60T	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES, 29, (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu 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)ASHISH DUBEY</b>
(61) Patent of Addition to Application Number	:NA	<b>2)M BARATH</b>
Filing Date	:NA	<b>3)AZURRA</b>
(62) Divisional to Application Number	:NA	<b>4)VENKATA MANGARAJU K</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides a hand lever assembly for a two wheeler which comprises a front wheel hand brake lever, actuating the front wheel brake; a rear wheel hand brake lever, actuating both rear and front wheel brake; a interlink lever provided on the rear wheel hand brake lever holder; a spring attached between the interlink lever and the rear wheel hand brake lever and where the depression of rear hand brake lever actuates rear brake first and then front brake.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/05/2011

(21) Application No.1822/CHE/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : SUSPENSION SYSTEM

(51) International classification	:B60G	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES, 29, (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an electromagnetic suspension system for motorcycle having at least two shock absorbers comprising a wheel side member connected to the wheel; a body side member connected to mounting bar of the vehicle; a spring disposed between the wheel side member and body side member; a damping rod inside the spring movable relative to the wheel side member and body side member; a damping force generator; and a means of converting the linear motion of damping rod in to rotary motion to be fed to the said rotary element of the damping force generator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2012

(21) Application No.1842/CHENP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : HUMIDIFIER WITH WIRELESS TEMPERATURE SENSING

(51) International classification	:A61M
(31) Priority Document No	:61/241513
(32) Priority Date	:11/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/053714
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 :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)JACOB Lawrence Anthony**

(57) Abstract :

A respiration humidifier having a base unit and a chamber constructed to hold liquid. A sensor is connected to the chamber and configured to sense a condition within the chamber. A radiation signal transmitter is carried by the chamber and associated with the sensor. The transmitter wirelessly sends a radiation signal indicative of the sensed condition. The humidifier includes a radiation signal receiver carried by the base unit for receiving the signal. The humidifier includes a control unit that controls the condition based on the radiation signal received by the radiation signal receiver. Another aspect provides a breathing system using the humidifier. The breathing system includes a gas flow generator that generates a flow of gas to a user circuit coupled to the gas flow generator and adapted to communicate the flow of gas to a user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1843/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : HIGHLY SENSITIVE IMMUNOASSAY WITH LARGE PARTICLE LABELS

(51) International classification	:G01N
(31) Priority Document No	:09170177.1
(32) Priority Date	:14/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/054020
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)DITTMER Wendy U.

2)EVERS Toon H.

3)HEFTI Marco H.

4)DEKKERS David W. C.

5)MARTENS Michael F. W. C.

(57) Abstract :

The present invention is related to an immunoassay for the detection of an analyte in a sample said assay comprising a plurality of moieties capable of binding to said analyte wherein capture moieties which are not specific for the same epitope are bound to a solid substrate and at least one epitope-specific detection moiety is bound to a detectable marker and wherein the detectable marker to which the epitope-specific detection moiety is bound is a large particle marker having a particle size of = 50 nm and = 5000 nm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1844/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/05/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : ORAL PHARMACEUTICAL COMPOSITION OF 2-AMINO-2-[2-4-OCTYLPHENYL]ETHYLPROPANE-1,3-DIOL AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS

(51) International classification	:A61K	(71) <b>Name of Applicant :</b> <b>1)MSN LABORATORIES LIMITED</b> Address of Applicant :FACTORY: SY.NO: 317 & 323, RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST), PATANCHERU (MDL), MEDAK (DIST), 502 329 Andhra Pradesh 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	: 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 oral solid pharmaceutical dosage form comprising 2-amino-2-[2-(4-octylphenyl)ethyl]propane-1,3-diol hydrochloride and method of making thereof.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2012

(21) Application No.1844/CHENP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : IMAGE PROCESSING SYSTEM

(51) International classification	:G06T
(31) Priority Document No	:09170035.1
(32) Priority Date	:11/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053953
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)VAN BREE Karl Catharina

2)BELT Harm Jan Willem

(57) Abstract :

The present invention relates to a method for an image processing system (100) the method comprising the steps of acquiring (S1) a first image (I1) of a first person locating (S2) a first segment (202 204) in the first image (I1) comprising at least an eye of the first person acquiring (S3) a second image (I2) of a second person locating (S4) a second segment (206 208) in the second image (I2) comprising at least an eye of the second person the second segment corresponding in relative position and size to the first segment (202 204) comparing the second segment (206 208) with the first segment (202 204) and replacing the second segment (206 208) in the second image (I2) with the first segment (202 204) if the comparison gives a difference that is smaller than a pre-defined threshold. The present invention allows for replacements of segments of the face with pre-recorded corresponding segments having characteristics for improving eye-to-eye contact in e.g. a near-end/far-end user video conferencing system.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1845/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : IMPROVEMENTS TO CURVED PLANAR REFORMATION

(51) International classification	:G06T	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09170066.6	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:11/09/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053994	(72) <b>Name of Inventor :</b>
Filing Date	:06/09/2010	<b>1)NIJLUNSING Rutger</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 :

Curved Planar Reformation (CPR) producing a Curved Planar Reformat is a technique to provide a representation of an anatomical structure which is curved through a 3D volume. This reformation process can result in image artifacts leaving it up to the user to determine what are artifacts and what are actual anatomical features. The invention provides assistance to the user by detecting areas of potential ambiguity during the CPR procedure and distinguishing these areas on the display to the user. In this way the user no longer needs detailed knowledge of how the CPR is performed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2012

(21) Application No.1846/CHENP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : APPARATUS AND METHOD FOR INFLUENCING AND/OR DETECTING MAGNETIC PARTICLES

(51) International classification	:	A61B5/05
(31) Priority Document No	:	09170076.5
(32) Priority Date	:	11/09/2009
(33) Name of priority country	:	EPO
(86) International Application No	:	PCT/IB2010/053995
Filing Date	:	06/09/2010
(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)BIEDERER Sven  
2)SATTEL Timo Frederik  
3)KNOPP Tobias  
4)BUZUG Thorsten Manuel

(57) Abstract :

The present invention relates to an MPI (Magnetic Particle Imaging) apparatus and a method for influencing and/or detecting magnetic particles in a field of view. Rather than moving the FFP (field free point) along a single time-consuming high density trajectory it is proposed to use a number of low density trajectories with travelling phase wherein each of said low density trajectories has the form of a closed curve differently located within the field of view.

No. of Pages : 32 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1847/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR INFLUENCING AND/OR DETECTING MAGNETIC PARTICLES IN A FIELD OF VIEW

(51) International classification	:A61B5/05
(31) Priority Document No	:09170082.3
(32) Priority Date	:11/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053684
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)RAHMER Jurgen Erwin

2)GLEICH Bernhard

3)WEIZENECKER Jurgen

(57) Abstract :

The present invention relates to an apparatus (100) for influencing and/or detecting magnetic particles in a field of view (28) wherein the field of view (28) comprises at least one subfield of interest covering at least a portion of an object of interest containing 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 the field of view (28)

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2012

(21) Application No.1848/CHENP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND SYSTEM FOR RESTORING DOMAIN MANAGEMENT

(51) International classification	:G06F21/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09170094.8	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:11/09/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/053685	(72) <b>Name of Inventor :</b>
Filing Date	:16/08/2010	<b>1)VAN GESTEL Henricus Antonius Wilhelmus</b>
(87) International Publication No	: NA	<b>2)VAN NIEUWENHOVEN Marcel</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 method and a system for restoring domain management for a domain (108) in which content access rights are shared between one or more devices (106, 110, 112, 118, 122, 124), wherein the domain management was executed by a first domain management device (106) and is discontinued by this first domain management device (106). The first domain management device (106) registers one or more characteristics of the domain (108) at a domain registration server (114). After discontinuation of the domain management by the first domain management device (106), a second domain management device (118) sends a request to the domain registration server (114) for obtaining the right to manage the domain (108). The domain registration server (114) provides the right to manage the domain (108) together with at least one of the one or more registered characteristics of the domain (108). The invention further relates to a domain registration server (114) and a domain management device (106, 118) for use in the system for restoring domain management.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/05/2011

(21) Application No.1854/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PREPARATION OF 3-[2-[4-((6-FLUORO-1,2-BENZISOXAZOL-3-YL)-1-PIPERIDINYL]-6,7,8,9-TETRAHYDRO-9-HYDROXY-2-METHYL-4H-PYRIDO [1,2-A]PYRIMIDIN-4-ONE AND PALIPERIDONE PALMITATE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. DAVULURI RAMAMOHAN RAO</b>
(32) Priority Date	:NA	Address of Applicant :204, II FLOOR, MERIDIAN
(33) Name of priority country	:NA	PLAZA, 6-3-853/1, AMEERPET, HYDERABAD - 500 016
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)PONNAIAH RAVI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)BATTHINI GURUSWAMY</b>
Filing Date	:NA	<b>3)TELAGAREDDY VENKATA NARASIMHARAO</b>
(62) Divisional to Application Number	:NA	<b>4)KOSIREDDY RAVANABABU</b>
Filing Date	:NA	<b>5)KALLEPALLY SUDEER</b>

(57) Abstract :

An improved process for the synthesis of 3-[2-[4-((6-fluoro-1,2-benzisoxazol-3-yl)-1-piperidinyl]- 6,7,8,9-tetrahydro- 9-hydroxy-2-methyl- 4H-pyrido[1,2-a]pyrimidin-4-one (Paliperidone) and Paliperidone Palmitate through a novel intermediate (2-Chloroethyl)- 6,7,8,9-tetrahydro- 2-methyl- 9-hydroxy-4H-pyrido [1,2-a] pyrimidine-4-one Palmitate ester.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2012

(21) Application No.1849/CHENP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND DEVICE FOR GENERATING A HISTOGRAM FROM AN INCOMING DIGITAL SIGNAL

(51) International classification	:H05B37/02
(31) Priority Document No	:09170065.8
(32) Priority Date	:11/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053973
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

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

1)DE HAAN Gerard

(57) Abstract :

A system for enhancing the appearance of an object comprises an illumination device (5) for providing enhancement illumination and a light recording device (1) for recording the reflection by the object of illumination on the object. A reference illumination is mixed (8) with the enhancement illumination. The information in the reflected light is filtered (9) to filter the reflection data (1) due to the reference illumination. These data are used for calculating the enhancement illumination in a processor (3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/02/2012

(21) Application No.1850/CHENP/2012 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : APPARATUS AND METHOD FOR NON-INVASIVE INTRACARDIAC ELECTROCARDIOGRAPHY USING MPI

(51) International classification	:A61B5/0402
(31) Priority Document No	:09170208.4
(32) Priority Date	:14/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/053970
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

(71)Name of Applicant :

**1)KONINKLIJKE PHILIPS ELECTRONICS N.V.**  
Address of Applicant :GROENEWOUDSEWEG 1  
EINDHOVEN 5621 BA NETHERLANDS

(72)Name of Inventor :

**1)GLEICH Bernhard**

(57) Abstract :

The present invention relates to an apparatus and a corresponding method for non-invasive intracardiac electrocardiography (ECG) by use of a magnetic and electrically conducting interference device (210). An MPI-based ECG mapping technique is proposed wherein an interference device (210) e.g. an electrically conducting rod containing soft magnetic material is steered through the vessel system and the heart using magnetic fields generated by a magnetic particle imaging (MPI) system so that the ECG signals measured in parallel are influenced. Using appropriately adapted evaluation means (153) this influence of the interference device (210) on the ECG signals can be evaluated to gain spatially resolved information about the electrical heart activity.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2011

(21) Application No.1911/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A VARIABLE VALVE TIMING MACHANISM FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F01L	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES, NO. 29, (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention is providing a variable valve timing mechanism for an internal combustion engine having a camshaft fixed with a plurality of bearings, an intake cam lobe and an exhaust cam lobe secured over the camshaft, a timing flange secured on front end of the cam shaft and has timing pin element, and a cam sprocket secured over the timing flange through timing pin element and said cam sprocket has timing pin slots, at pivot pins, fly weights with pivot pin slots, timing adjustment mechanism and reinforcement unit used to reinforce position of said fly weights.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1923/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/06/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : EXTRACTION PROCESS OF REUSABLE MATERIAL FROM PAINT SLUDGE

(51) International classification	:B05B	(71) <b>Name of Applicant :</b> <b>1)MAHAM HOLDINGS (P) LTD</b> Address of Applicant :OLD NO 67, NEW NO 137 CHAMBERS ROAD R.A.PURAM, CHENNAI - 600 028 Tamil Nadu 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> <b>1)DR. R. ELANGOVAN</b> <b>2)MR. TAB BARATHI</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 specific process for treating and extracting reusable material from paint sludge is disclosed. The process is carried using tailor made equipment. The extraction process increases the recovery efficiency of product upto 90% or more. The reusable materials obtained from the paint sludge are used as organic filler compounds.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2011

(21) Application No.1924/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : USE OF EXTRACTED FILLER FROM PROCESSED PAINT SLUDGE AS ALTERNATE FILLER (ALT-RUB) IN RUBBER COMPOUNDING

(51) International classification	:C09D	(71) <b>Name of Applicant :</b> <b>1)MAHAM HOLDINGS (P) LTD</b> Address of Applicant :OLD NO 67, NEW NO 137 CHAMIERS ROAD, R.A.PURAM, CHENNAI - 600 028 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the use of extracted filler from processed paint sludge as alternate rubber filler (called as ALT-RUB) in rubber compounding. The process includes mixing paint sludge with the secondary material to produce an alternate rubber filler material (called as ALT-RUB). This ALT-RUB filler material can be used in process of rubber compounding in place of regular fillers. Natural rubber (NR), nitrile rubber (NR) and styrene butadiene rubber (SBR) composites are prepared using ALT-RUB filler in a roll mill, molded into testing specimen and then the properties of these compositions are compared. The resultant rubber compounds (components) are found to have better properties in terms of elongation, tensile and tear strength when compared with conventional filler compound.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/06/2011

(21) Application No.1995/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYSTEM FOR PRODUCING 3 DIMENSIONAL DIGITAL STEREO SURROUND SOUND NATURAL 360 DEGREES (3D DSSR N-360)

(51) International classification	:H04R
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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PHOOLSHA MOHALLA, KOLAR - 563 101 Karnataka India

2)KRISHNAPPA NARAYANA VENKATA

CHALAPATHY

3)NOAH SHRINIVAAS

(72)Name of Inventor :

1)SYED SHAKEEL NAKSH BANDI P PYAREJAN

2)KRISHNAPPA NARAYANA VENKATA

CHALAPATHY

3)NOAH SHRINIVAAS

(57) Abstract :

The present invention discloses a system for producing at least three dimensional digital stereo surround sound output with an angle coverage of 360 degrees without using powered amplifiers at output stage while covering both horizontal and vertical listening layout areas whereby facilitating evenly distributed three dimensional surround effects irrespective of the position of the listener for 360 degree listening experience with immersive surround sound effects. The output audio signal is synchronizes with the actual source in three dimensional space. The present invention is also used with the headphone device to produce three dimensional stereo surround sound effect and provides a soothering effect so that the user hears the so produced surround sound for a very long time. Upon re-recording with a camcorder, the media content having 3 dimensional digital stereo surround sound output, the output video has unrecognisable audio whereby providing an antipiracy mechanism.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2011

(21) Application No.2011/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : NOVEL POLYMORPHS OF FOSAMPRENAVIR CALCIUM

(51) International classification	:C07F	(71) <b>Name of Applicant :</b> <b>1)HETERO RESEARCH FOUNDATION</b> Address of Applicant :HETERO DRUGS LIMITED, HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES, SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh 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	: 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 novel crystalline Form of fosamprenavir calcium, process for its preparation and pharmaceutical compositions comprising it. The present invention also provides substantially pure amorphous fosamprenavir calcium, process for its preparation and pharmaceutical compositions comprising it.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2043/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/06/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A CARDAMOM DRYING ARRANGEMENT

(51) International classification	:C14B	(71) <b>Name of Applicant :</b> <b>1)JAMES JACOB</b> Address of Applicant :PARAMEL HOUSE, MUNDAKAYAM P.O, KOTTAYAM DISTRICT Kerala 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)JAMES JACOB</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 cardamom drying arrangement. In one embodiment, the arrangement including a drying housing having a slanting roof, a drying chamber enclosed by the drying housing, wherein the drying chamber including a plurality of heating elements and a temperature sensor, the heating elements are electrically energized by an alternator with the help of a switch, a blower coupled to the drying chamber to blow the air with the help of diesel engine via air ducts and a radiator coupled to the diesel engine via water pump in order to maintain the temperature of the diesel engine thereby generating hot air while cooling the diesel engine, wherein the blower sucks hot air from the radiator and pass the same to the drying chamber via air recirculation ducts, in order to improve the drying effect of cardamom in the drying chamber.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2107/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :22/06/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD OF SYNTHESIZING MULTI-LAYERED DYNAMICALLY MOULDING INTEGRATED FOOTWEAR SOLE

(51) International classification	:A43B	(71) <b>Name of Applicant :</b> <b>1)AMRITA VISHWA VIDYAPEETHAM</b> Address of Applicant :ETTIMADAI (P.O), COIMBATORE - 641 105 Tamil Nadu 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)DR. AJIT KUMAR VARMA</b> <b>2)DR. HARISH KUMAR</b> <b>3)PROF. SUBHA RAO</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 multi-layered integrated footwear sole with dynamically moulding properties is disclosed. The integrated footwear sole uses a single polymer that is foamed and crosslinked appropriately to provide a gradient hardness variation from about 70 Shore A at the outsole to about 10 Shore A at the insole region. The invention also discloses a method of forming an integrated footwear sole as disclosed above. The advantages of the invention include uniformly distributing and reducing the plantar pressures and impulse loading in a diabetic foot, in both static and dynamic patterns of gait that would prevent foot injuries when used by diabetic patients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2172/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/06/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A SYSTEM AND METHOD FOR MOTOR VEHICLE CHARGING

(51) International classification	:G05B	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES• NO.2C (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu 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)SAMRAJ JABEZ DHINAGAR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RAVIKUMAR RAMASAMUDRA PRAKASH</b>
Filing Date	:NA	<b>3)JANARDHANA SHANKARAPPA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present description is providing a charging system and method for an electric vehicle having a conductive wheels supported by suspension system having solenoids with slide-able connecting rod and solenoid activation unit which is connected to battery and solenoid on opposite ends such that on activation of this activation unit connecting rod comes in contact with the conductive wheel on activation of said activation unit and completes the circuit with the conducting wheels so that when the wheel comes in contact with any charging station having supply plates fixed on ground level said vehicle can be charged as the ground terminal is available and hence circuit is complete.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1889/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/06/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : THE PRCESSING OF BIOLOGICAL WASTE IN CONCRETE TANK

(51) International classification

:H02H

(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 :

Accumulation of waste creates sleepless nights to the Administers of the towns , Cities and Villages nowadays. How to tackle this dangerous situation is the issue which is being discussed at present.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/06/2011

(21) Application No.1907/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PROCESS FOR FEBUXOSTAT

(51) International classification	:C07D	(71) <b>Name of Applicant :</b> <b>1)HETERO RESEARCH FOUNDATION</b> Address of Applicant :HETERO DRUGS LIMITED, HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES, SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh 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	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b> <b>1)PARTHASARADHI REDDY, BANDI</b> <b>2)RATHNAKAR REDDY, KURA</b> <b>3)MURALIDHARA REDDY, DASARI</b> <b>4)RAMAKRISHNA REDDY, MATTA</b> <b>5)VAMSI KRISHNA, BANDI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of 2-(4-hydroxyphenyl)-4-methylthiazole-5-carboxylic acid ethyl ester. The present invention also provides a process for the preparation of 2-(3-formyl-4-hydroxyphenyl)-4-methylthiazole-5-carboxylic acid ethyl ester. The present invention further provides novel crystalline Forms of febuxostat, processes for their preparation and pharmaceutical compositions comprising them. The present invention further provides febuxostat crystalline particles having a mean particle size of less than about 25  $\mu$ m, the methods for the manufacture of said crystalline particles, and pharmaceutical compositions comprising said crystalline particles.

No. of Pages : 22 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1950/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/06/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A STEERING ASSEMBLY FOR A TWO WHEELED VEHICLE

(51) International classification	:B62D	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES, NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu 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	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention provides a single unit steering assembly for a two wheeled vehicle having which has a handle unit control switch slots, handle bars with covers, control lever on both sides, display slot and a head lamp slot and a steering unit having metal ring securing steering fastening unit and pivotally mounting structure over front part of said vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2011

(21) Application No.2086/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : REMOTE AUTOMATED ACTIVATION AND DEACTIVATION OF SERVICES OF A REMOTE BILLING SYSTEM

(51) International classification	:G06Q
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)SATHYABAMA UNIVERSITY

Address of Applicant :JEPPIAAR NAGAR, OLD  
MAMALLAPURAM ROAD, CHENNAI 600 119 Tamil Nadu  
India

(72)Name of Inventor :

1)MS CHIDAMBARAM GOMATHY

2)MS BALASUBRAMANIAN SOWMYA

3)MS BALAKRISHNAN LAVANYA

4)MS NUPUR KUMARI

5)MS SNEHA SUMAN

6)MS VANDANA SINHA

(57) Abstract :

An automated activation and deactivation services of a remote billing system wherein, the billing is computed from the readings of a modified utility meter, storing the reading in a microcontroller, which transmits the readings to a Base Station along with each unique consumer id, the said information being processed at the Base station by yet another microcontroller and transmitted to the consumer by the same transmission system, the said microcontroller at the Base Station automatically computing the billing amount based on consumption, forwarding the bill, alerting the consumer of the approaching due date, consumer acknowledging the alarm by resetting the alarm, acknowledging receipt of payment to the consumer, automatically disconnecting the services on detection of payment default, displaying default of payment, reconnecting the services on payment receipt; the said disconnection and reconnection done by means of a switching device located at the Base station, the said disconnection and reconnection being instantaneous; all the aforementioned activities of the Base Station being carried out from the remote location of service provider resulting in direct economic benefit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2011

(21) Application No.2211/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND SYSTEM FOR CREATING AN EXECUTABLE VERIFICATION PLAN

(51) International classification	:G06F	(71)Name of Applicant :
(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 11 BLOCK, BANGALORE - 560 011
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)VISHWA RAO. T</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RAVISHANKAR.R</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The various embodiments of the present invention provide a method and a system for creating a verification plan in executable structure for verifying a product specification using a web user interface. The method comprises collecting the input parameters through a web user interface. The input parameters are stored in a temporary storage are converted to an object with a format such as XML. An interconnected structure of the related objects is created and transformed into a plurality of complex objects for generating a plurality of features. The stored information is fetched and processed by inserting the structure values into a permanent file based on header tag to identify an object. An output for the processed information is generated and displayed through the web user interface. The milestones of the product are directly mapped to the features for generating the features of the product.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2011

(21) Application No.2210/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD FOR AN EFFICIENT POWER MANAGEMENT OF DEVICES

(51) International classification	:G05B	(71) <b>Name of Applicant :</b> <b>1)K RAVINDRA SHETTY</b> Address of Applicant :419, FIRST FLOOR, 17TH MAIN, 16TH CROSS, HSR LAYOUT SECTOR 4, BANGALORE - 560 102 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel method for controlling device, its power management and billing method has been proposed. These devices are generally appliances used in home or office or at enterprise applications. Generally, these appliances may be controlled through a wireless learning remote or by any networked or automatic operating mechanism. Current invention includes a systematic approach to automatically compute, manage and monitor the power usage and its supply for a device or assembly of devices. Parameters from the device to switch panel will reach directly or wirelessly or by power line communication methods/technologies or any other communication methods. These parameters viz, device status, current power utilization, built in or external sensor/s data... are transmitted to the building management system or any monitoring or display device/s through all possible communication channels and techniques. In few cases, control and operational signals may directly reach the device by any mode of communication and protocols. In few cases device will have built in trans-receiver and power management sensor to decode and operate as per pre defined or automatic mode conditions and retransmitting appropriate signals to the medium in all possible communication methods. Few instances the devices may have built in Trans receiver based power management system with all energy, billing, and other parameter display. Control panel to device may be in one to many or many to one grid topology and vice versa. Device may receive control data through internet or wired or wireless learning remote with trans-band, trans-technologies with appropriate signal boosters /repeaters at appropriate locations. This invention is more useful for smart automation at home or office or enterprise for auto energy control, monitoring and metering of power usage of appliances at home, office or street lights.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/07/2011

(21) Application No.2298/CHE/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : MOBILE PHONE ELECTROMAGNETIC FREQUENCY HARMONIZER

(51) International classification	:H04M	(71) <b>Name of Applicant :</b> <b>1)M/S. PORTOWORLD</b> Address of Applicant :H6A, KRUPA COLONY, FIRST AVENUE, ASHOK NAGAR, CHENNAI - 600 083 Tamil Nadu 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	: 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 mobile phone electromagnetic frequency radiation harmonizer, which comprises a combination of earth minerals powdered and put inside a resin button casing, which is then permanently embedded with an energy called Scalar energy, which has a frequency of 7.83 Hz (Schumann's Resonance frequency). The minerals inside the casing on getting in touch with the surface of the mobile phone immediately starts working on heat radiation and radiation shielding. The Schumann's Resonance frequency which is embedded to the product is passed on to the mobile phone and on to the user. The combination of minerals and scalar technology makes the mobile phone safe to use by shielding the mobile phone radiation and heating and passing on a beneficial health frequency to the user of the mobile phone.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/07/2011

(21) Application No.2315/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : HETEROLOGOUS EXPRESSION OF ASPEN PTM3, A MADS BOX GENE IN COTTON EVENT-10

(51) International classification	:C12N	(71) <b>Name of Applicant :</b> <b>1)JK AGRI GENETIC LIMITED</b> Address of Applicant :1-10-177 4th Floor Varun Towers Begumpet HYDERABAD ANDHRA PRADESH-500 016 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The PTM3 gene of Aspen was ectopically expressed in cotton to explore the opportunity to introduce desirable agronomic traits with the potential to improve yield and modify the duration of the parent cotton variety. Sixty-seven transgenic cotton lines expressing Aspen PTM3 (MADS box) gene were developed. The transgenic cotton lines expressing PTM3 gene showed earliness of 4 to 15 days variations in flowering and maturity. The transgenic lines were confirmed by kanamycin leaf paint assay, GUS assay and PCR. Among 67 transgenic lines, the event-10 showed profuse branching, event-24 showed abnormal growth and the remaining events exhibited single erect phenotype. In addition, the event-24 produced no flower and this might be due to the positional effect of PTM3 gene integration. Southern blot analysis performed for event-10, 24 and 48 showed distinct single copy integrations of PTM3 gene cassette. GUS assay performed using various plant parts of event-10 showed constitutive expression of the transgene. In view of cotton breeding, among all the events, the event-10 was found to be phenotypically significant with earliness of 12 days in flowering and 15 days in maturity and yield enhancement of 27%. In addition, the event-10 showed no square dropping and allowed the plants to bear more number of bolls. Based on these results, event-10 was chosen to carryout the inheritance study of expressed characters in the progeny. Similar to T0 generation of event-10, the T1 and T2 generation plants exhibited same characteristics of early flowering and maturity with enhancement of yield.

No. of Pages : 14 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2011

(21) Application No.2231/CHE/2011 A

(43) Publication Date : 14/06/2013

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

(51) International classification	:C07D	(71) <b>Name of Applicant :</b> <b>1)ORCHID CHEMICALS &amp; PHARMACEUTICALS LTD</b> Address of Applicant :ORCHID TOWERS, 313, VALLUVAR KOTTAM HIGH ROAD, NUNGAMBakkAM, CHENNAI - 600 034 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved process for the preparation of Prasugrel compound of formula (I) and its pharmaceutically acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/06/2011

(21) Application No.2232/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : MEDHOD FOR DISTRIBUTED WAVEFORM RECORDING IN A POWER DISTRIBUTION SYSTEM

(51) International classification	:H02G	(71) <b>Name of Applicant :</b> <b>1)ABB RESEARCH LTD.</b> Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(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)VIVEK GOPALAKRISHNAN</b> <b>2)SASI KUMAR S.R.</b> <b>3)BERNHARD DECK</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 relates to a method and apparatus for distributed waveform recording for the purpose of fault monitoring and analysis of fault condition in a power distribution system. The method includes one or more instrument transformers along with merging units and a plurality of Intelligent Electronic Devices (IEDs) distributed in a plurality of hierarchical levels. The distributed waveform recording corresponding to a fault event at different levels in the power distribution system data is carried out by at least two devices participating to detect an event for recording and performing waveform recording, where the data for waveform recording and detection of event are based on a single stream of the sampled measured value data and thereby are time synchronized.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2243/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/07/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CANDESARTAN CILEXETIL

(51) International classification	:C07D	(71) <b>Name of Applicant :</b> <b>1)MATRIX LABORATORIES LTD</b> Address of Applicant :PLOT NO 564/A/22, ROAD NO 92, JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh 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)PALLAPROLU, SURESH</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KODALI, HARI PRASAD</b>
Filing Date	:NA	<b>3)KONUDULA, BABU RAO</b>
(62) Divisional to Application Number	:NA	<b>4)ABBINENI, JYOTHI BASU</b>
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of 3-(2'-substituted biphenyl-4-ylmethyl)-2-ethoxy-3H-benzimidazole-4-carboxylic acid derivatives, the intermediate compounds of Candesartan cilexetil, by condensing 2-Ethoxy-3H-benzimidazole-4-carboxylic acid derivative with 2-substituted 4'-halomethyl-biphenyl compounds. The present invention also relates to further conversion of 3-(2'-substituted biphenyl-4-ylmethyl)-2-ethoxy-3H-benzimidazole-4-carboxylic acid derivatives to Candesartan cilexetil.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2386/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : COMPUTER-IMPLEMENTED METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR TELECOMMUNICATIONS RATING

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10425261.4	<b>1)Accenture Global Services Limited</b>
(32) Priority Date	:29/07/2010	Address of Applicant :3 Grand Canal Plaza Grand Canal
(33) Name of priority country	:EUROPEAN UNION	Street Upper Dublin 4 IRELAND
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Rocco LISI</b>
(87) International Publication No	: NA	<b>2)Fabio DI FENZA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Stefano POMPEI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application relates to a computer-implemented method, system, and computer program product for telecommunications rating. The computer-implemented method for telecommunications rating (200) may comprise: receiving an event (220) from a source system for a service (130), wherein the event is generated by a user (110); transforming (240) the event (220) into a normalized event by determining event characteristics (242, 244, 246, 248) comprising determining a guiding point identifier to identify a guiding point (120) associated with the user (110); by using the guiding point identifier, retrieving from the guiding point (120) a list of products operable to guide the normalized event; rating (260) the normalized event by calculating and aggregating costs according to the list of products; posting (280) the costs by updating at least one balance associated with the user (110), the guiding point (120), and/or the service (130).

No. of Pages : 65 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/07/2011

(21) Application No.2469/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : LED BASED SOLAR HOME LIGHTING SYSTEM

(51) International classification	:F21V	(71) <b>Name of Applicant :</b> <b>1)MIC ELECTRONICS LIMITED</b> Address of Applicant :A-4/11, ELECTRONIC COMPLEX, KUSHAIGUDA, HYDERABAD - 500 062 Andhra Pradesh 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> <b>1)DR. M.V.RAMANA RAO</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 LED based Solar Home Lighting System is designed for domestic applications in rural households where electricity is neither available nor accessible. The system employs LEDs as light sources and works on a battery in conjunction with a solar panel and is an efficient replacement of traditional methods like Kerosene lamp, Candle, Incandescent bulb, Fluorescent or CFL lights. The LED based Solar Home Lighting System uses sunlight to activate a solar panel to charge a battery which in turn powers a high intensity LED lamp that provides light for up to 15 hours on a fully charged battery. The system comprises a Solar Photo Voltaic (SPV) module, a Charge controller, a rechargeable battery and one or two LED based luminaires - 2feet tube lights - two nos of 5Watt or one of 9Watt. Optionally LED Bulbs of 5 to 8Watts also may be used. However, the light dispersion is more uniform over the defined target area of a living room or kitchen in respect of the tube light architecture compared to a bulb. The luminaire can as well be used for lighting the front or backyards of a rural household. The LED based luminaires give away high brightness light with very low power consumption and as such the home lighting system requires smaller solar panel and battery compared to those used in other conventional lighting systems or alternatively the backup time is much longer for the LED luminaires for the same panel and battery capacities. The LEDs used in the luminaires have a long life - of more than 50,000 hours - which avoids the costly lamp replacements for several years. The LED based solar home lighting system is also easy to install and use with practically zero maintenance. Further, the LED based luminaires also extend themselves to economical and low cost community lighting solutions for a closely knit pocket or cluster of a small number of houses in the rural environment with slightly increased sizes of panel and battery, and with additional common facilities like street lighting besides home lighting. This is also expected to facilitate the Governments to electrify more rural and underdeveloped regions without the huge investments called for in generating and distributing the grid power to these remote locations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2624/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/08/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A METHOD FOR PRODUCTION OF WATER SOLUBLE LEAVES  
MUCILAGE/POLYSACCHARIDE FOR ITS PHARMACEUTICAL USES THEREOF

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DR. L. PRABAKARAN PH.D.</b>
(32) Priority Date	:NA	Address of Applicant :74, KANNADASAN STREET, R.P.
(33) Name of priority country	:NA	SIVAM NAGAR, MANNARGUDI -TK, THIRUVARUR -
(86) International Application No	:NA	DIST, PIN - 614 001 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)DR. L. PRABAKARAN PH.D.</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 is related to a process of production of water soluble mucilage/polysaccharide from leaves of hibiscus species and using it for pharmaceutical purpose. The leaves of hibiscus species contains L-rhamnose, D-galactose, D-galactouronic acid, and D- glucuronic acid and it also contains moisture, protein, fat, carbohydrate, fibers, calcium, and phosphorus. It has wide application in pharmaceutical and cosmetic technology. The water soluble mucilage/polysaccharide from leaves of hibiscus species is taken in the consideration of the method of production, physicochemical characterization and to use it a pharmaceutical excipient as a solubility enhancing agent to improve the bioavailability of poorly soluble drugs, suspending agent and a suitable excipient to target the drug release in controlled manner to colon specific drug delivery system using as such or in its chemically modified form.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2632/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/08/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : ASSESSING GREEN IT MATURITY AND PROVIDING GREEN IT RECOMMENDATIONS

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b> <b>1)INFOSYS LIMITED</b> Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Green IT maturity model (GITM) provides a framework in which the maturity of an organization's green computing effort can be assessed. Based on green computing practice data, an assessment tool implementing a GITM model can be used to calculate the competency levels of multiple green computing pillars such as data center, end user computing, IT asset lifecycle, IT service management and people practices pillars. The determined competency levels can be used to determine a consolidated Green IT maturity level for the organization. A Green IT baseline of an organization can be determined and carbon emission reductions relative to the baseline can be used in determining the competency levels. The assessment tool can use the competency and maturity levels to recommend green computing initiatives and to estimate cost savings, implementation costs and carbon emission reductions for the recommended initiatives.

No. of Pages : 51 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/08/2011

(21) Application No.2717/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CONNECTION DEVICE FOR SPOKES

(51) International classification	:B60B	(71) <b>Name of Applicant :</b> <b>1)KUNSHAN HENRY METAL TECHNOLOGY CO., LTD.</b> Address of Applicant :NO. 111, HEILONGJIANG ROAD, KUNSHAN, JIANGSU China
(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 :

A rim assembly includes a rim and multiple spoke units and each spoke unit has at least one fixing frame, a fixing member and at least one spoke. The at least one fixing frame is connected to the inside of the rim and has a passage through which the rod-like fixing member extends. The fixing member has at least one positioning hole so as to be connected to an end of a spoke. The other end of the spoke is connected to the hub. The fixing member is rotatable and swings relative to the at least one fixing frame to adjust the position for being connected with the spoke.

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/08/2011

(21) Application No.2760/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : IMAGE PROCESSING DEVICE, METHOD, AND PROGRAM

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:P2010-182770	<b>1)SONY CORPORATION</b> Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan
(32) Priority Date	:18/08/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)TAKAFUMI MORIFUJI</b> <b>2)SUGURU USHIKI</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 :

Systems and methods are disclosed for processing a stereoscopic image. In one embodiment, an apparatus has an image-reception unit receiving first and second images, an analyzer unit determining a value of at least one parameter of the images, and a comparison unit. The comparison unit may be configured to compare the at least one parameter value to a threshold and to generate a command for displaying the first and second images as a stereoscopic image, if the at least one parameter value meets the threshold.

No. of Pages : 76 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.2332/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHODS AND COMPOSITIONS FOR TREATING OCULAR ALLERGY

(51) International classification	:A61K	(71) <b>Name of Applicant :</b> <b>1)Micro Labs Limited</b> Address of Applicant :No. 27 Race Course Road Bangalore-560 001 Uttar Pradesh 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	: 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 use of a fixed dose combination comprising Azelastine or its pharmaceutically acceptable salts thereof and Cromolyn or its pharmaceutically acceptable salts thereof for the treatment of ocular allergy. The present invention further relates to a pharmaceutical composition comprising fixed dose combination comprising Azelastine or its pharmaceutically acceptable salts thereof and Cromolyn or its pharmaceutically acceptable salts thereof for the treatment of ocular allergy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2356/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : RELATED SUBSTANCES OF BENZAZEPINE DERIVATIVES AND PROCESS FOR PREPARATION THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(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, JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)SETHI, MADHURESH KUMAR</b>
Filing Date	:NA	<b>2)RAWAT, VIJENDRA SINGH</b>
(87) International Publication No	: NA	<b>3)THIRUNAVUKARASU, JAYAPRAKASH</b>
(61) Patent of Addition to Application Number	:NA	<b>4)YERRAMALLA, RAJAKRISHNA</b>
Filing Date	:NA	<b>5)ANISH KUMAR</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the isolated substances of benzazepine derivatives and process for their preparation thereof.

No. of Pages : 40 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/07/2011

(21) Application No.2503/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : RECYCLING THE TRASH SMOKE IN MOST EFFICIENT WAY

(51) International classification	:H01M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)A. VIJAY RAJ</b>
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF MECHANICAL
(33) Name of priority country	:NA	ENGINEERING, KALASALINGAM UNIVERSITY ANAND
(86) International Application No	:NA	NAGAR, KRISHNAN KOIL SRIVILLIPUTHUR 626 190
Filing Date	:NA	Tamil Nadu India
(87) International Publication No	: NA	<b>2)S. JEYAKUMAR</b>
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)A. VIJAY RAJ</b>
(62) Divisional to Application Number	:NA	<b>2)S. JEYAKUMAR</b>
Filing Date	:NA	

(57) Abstract :

Trash smoke(carbon dioxide) produced from industries are collected and mixed in to water with a help of external energy. The formed solution(carbonic acid) will be acidic in nature. The quality of solution depends upon the industries from which the smoke is collected. This acidic solution can be put in to batteries which act as an electrolyte to gain electrical energy. Further the solution can also be evaporated as a disposal method, if the solution is produced in excess. After evaporation a residue(impure carbon) is left which can be reused or dumped in to ground. A harmful exhaust from industry is completely converted to useful product and also completely harmless end products.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2656/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :03/08/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, COMPUTER PROGRAM, AND CONTENT DISPLAY SYSTEM

(51) International classification	:G09F	(71)Name of Applicant :
(31) Priority Document No	:P2010-179697	<b>1)SONY CORPORATION</b> Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan
(32) Priority Date	:10/08/2010	
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)SHINGO UTSUKI</b>
Filing Date	:NA	<b>2)MATTHEW DICKINSON FORREST, JR.</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 is provided for initiating display of information relating to content having a plurality of portions. The method comprises acquiring a capability of a first user device in a first location and a capability of a second user device in a second location. The method further comprises respectively acquiring, from the first and second user devices, information identifying first and second ones of the content portions. The method still further comprises generating signals for respectively displaying representations of the first and second user devices as indications of the first and second content portions.

No. of Pages : 71 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/08/2011

(21) Application No.2773/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PROCESS FOR THE PREPARATION OF PRASUGREL HYDROBROMIDE

(51) International classification	:C07D	(71) <b>Name of Applicant :</b> <b>1)Dr. Reddy™s Laboratories Limited</b> Address of Applicant :Dr. Reddy™s Laboratories Limited 8-2-337 Road No. 3 Banjara Hills Hyderabad Andhra Pradesh 500 034 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	<b>2)Dr. Reddy™s Laboratories Inc</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Gilla Goverdhan</b>
(62) Divisional to Application Number	:NA	<b>2)Aalla Sampath</b>
Filing Date	:NA	<b>3)Dattatray Shamrao Metil</b>
		<b>4)Karrothu Srihari Babu</b>

(57) Abstract :

Aspects of the present application relate to crystalline form, amorphous form of prasugrel hydrobromide, processes for the preparation of crystalline forms and amorphous form of prasugrel hydrobromide and their use in pharmaceutical compositions.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2811/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :17/08/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : DOFFER AND YARN WINDING APPARATUS INCLUDING THE SAME

(51) International classification	:D01G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-233731	<b>1)MURATA MACHINERY LTD.</b> Address of Applicant :3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 Japan
(32) Priority Date	:18/10/2010	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)TAKESHI SHIOTA</b>
Filing Date	:NA	<b>2)HIROSHI TSUJI</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 doffer includes support members and a bobbin guiding cylinder. The support members support a package formed by winding a spun yarn on a bobbin. The bobbin guiding cylinder drives the support members to convey a fully wound package supported by the support members from a position (first position) of the package at which the support members receive the package that is fully wound to a position of a package receiving section (second position).

No. of Pages : 51 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/08/2011

(21) Application No.2776/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FOCUS DETECTION APPARATUS

(51) International classification	:G02B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-183018	<b>1)CANON KABUSHIKI KAISHA</b> Address of Applicant :30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan
(32) Priority Date	:18/08/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)ISOBE, SHINGO</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 focus detection apparatus includes: a photoelectric conversion unit of a charge accumulation type, including a plurality of sensors; an accumulation controller for controlling charge accumulation of the photoelectric conversion unit; an accumulation time measuring unit for measuring accumulation time; a correction computing unit for performing correction computing of a photoelectric conversion signal; and a focus detection computing unit for performing focus detection computing. The accumulation controller detects a signal of accumulation completion in a first sensor of the plurality of sensors, and then forces sensors except the first sensor to terminate the charge accumulation. The correction computing unit performs the correction computing of the photoelectric conversion signal based on first accumulation time that is accumulation time of the first sensor and second accumulation time that is different from the first accumulation time.

No. of Pages : 44 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/08/2011

(21) Application No.2784/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A HOT MELT ADHESIVE COMPOSITION

(51) International classification	:B21B
(31) Priority Document No	:60/022,538
(32) Priority Date	:22/07/1996
(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	:939/CHE/2005
Filed on	:21/07/1997

(71)Name of Applicant :

**1)DOW GLOBAL TECHNOLOGIES LLC**

Address of Applicant :2040 DOW CENTER, MIDLAND,  
MICHIGAN 48674 U.S.A.

**2)HB FULLER LICENCING & FINANCING INC**

(72)Name of Inventor :

**1)ROBERT A DUBOIS**

**2)CYNTHIA L RICKY**

**3)STEVEN W ALBRECHT**

**4)BETH M EICHLER**

**5)THOMAS F KAUFFMAN**

**6)MAYNARD LAWRENCE**

**7)THOMAS H. QUINN**

(57) Abstract :

The present invention relates to a hot melt adhesive composition comprising (a) a homogeneous linear or substantially linear ethylene polymer having a density of 0.860 to less than 0.875 g/cm<sup>3</sup> and a melt viscosity at 350°F of from 3500 to 6000 centipoise (35 to 60 grams/(cm.second)) and is provided in an amount of from 25 to 85 weight percent; (b) tackifier provided in an amount of from 5 to 50 weight percent, and (c) wax provided in an amount of from 0 to 50 weight percent; with the proviso that when the tackifier is present in an amount less than 20 weight percent, the polymer is present in an amount of at least 35 weight percent.

No. of Pages : 75 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/08/2011

(21) Application No.2817/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHODS FOR DETECTING AND RECOGNIZING A MOVING OBJECT IN VIDEO AND DEVICES THEREOF

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INFOSYS 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)Name of Inventor :
(87) International Publication No	: NA	<b>1)HARIKRISHNA GANDHINAGARA NARAYANA RAI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RUDRA NARAYANA HOTA</b>
Filing Date	:NA	<b>3)KISHORE JONNA</b>
(62) Divisional to Application Number	:NA	<b>4)RADHA KRISHNA PISIPATI</b>
Filing Date	:NA	

(57) Abstract :

A method, non-transitory computer readable medium, and apparatus that extracts at least one key image from one or more images of an object. Outer boundary makers for an identifier of the object in the at least one key image are detected. An identification sequence from the identifier of the object between the outer boundary markers in the at least one key image is recognized. The recognized identification sequence of the object in the at least one key image is provided.

No. of Pages : 24 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2826/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/08/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A NOVEL METHOD TO PRODUCE CASEIN PHOSPHOPEPTIDES (CPP); A CLASS OF FERMENTED MILK PEPTIDES

(51) International classification	:A23J	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)KANTHA D. ARUNACHALAM</b>
(32) Priority Date	:NA	Address of Applicant :CENTER FOR ENVIRONMENTAL
(33) Name of priority country	:NA	NUCLEAR RESEARCH (CENR), DIRECTORATE OF
(86) International Application No	:NA	RESEARCH & VIRTUAL EDUCATION, SRM
Filing Date	:NA	UNIVERSITY, KATTANKULATHUR, CHENNAI - 603 203
(87) International Publication No	: NA	India
(61) Patent of Addition to Application Number	:NA	<b>2)R. BALAJI RAJA</b>
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	<b>1)KANTHA D. ARUNACHALAM</b>
Filing Date	:NA	<b>2)R. BALAJI RAJA</b>

(57) Abstract :

The present invention relates to a process for isolation of caseinphosphopeptides from milk comprising the steps of : fermenting the milk by adding a microbe and adjusting the pH to 7 using 0.5M sodium hydroxide solution; adding enzyme trypsin to fermented milk; hydrolysing the suspension at 37°C in a water bath; maintaining the pH of the solution constant at pH 7 by adding 0.1M of sodium hydroxide solution; readjusting the pH of the casein hydrolysate to 4.6 using 2M Hydrochloric acid; centrifuging the hydrolysate mixture to remove the non-phosphorylated peptides; removing the supernatant from the centrifuged solution, adjusting the pH to 7 using 2 M Sodium hydroxide; adding 1% calcium chloride; centrifuging the supernatant to obtain a precipitate; and lyophilizing the precipitate to obtain the CPP.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/08/2011

(21) Application No.2844/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METER DISPLAY DEVICE FOR ELECTRIC VEHICLE

(51) International classification	:B60T	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-188318	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:25/08/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)TAMAKI, KENJI</b> <b>2)TAKENO, ATSURO</b> <b>3)MATSUMOTO, YASUHIRO</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 :

Maintenance time of a charging connector and maintenance time of a sub battery can be made to be easily confirmed on a meter display device and, at the same time, a display section is small-sized. [Constitution] A meter display device includes a main battery 4, a motor 18 generating drive power of the vehicle by supply of electric power from the main battery 4, an output control circuit 81 for the motor 18, and a charging connector 13 for supplying electric power from an external to the main battery 4. A display section 49 includes at least a vehicle speed displaying portion 491 and a charging connector condition displaying portion 492 displaying information in relation to the condition of the charging connector 13. The charging connector condition displaying portion 492 displays information on maintenance of the charging connector 13 and is disposed adjacent the vehicle speed displaying portion 491. A main battery residual displaying portion 494 and a sub battery residual displaying portion 493 are disposed around the vehicle speed displaying portion 491.

No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2849/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/08/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : STRATEGIC DEAL ESTIMATION TOOL

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b> <b>1)INFOSYS LIMITED</b> Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various technologies related to estimating costs associated with proposed information technology services solutions using global sourcing are described. Consistent and accurate estimates can be achieved by using a tool having features specific to the estimating process. The tool can construct a global sourcing business case illustrating savings if the proposed solution were to be adopted. A wide variety of features related to solution parameters, costs, competitor analysis, transition billing, blended rates, business cases, and cumulative savings graphs can be supported. Superior, credible proposals can be generated that address the practical and financial demands of clients.

No. of Pages : 78 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/08/2011

(21) Application No.2857/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHOD FOR JOB SCHEDULING OPTIMIZATION

(51) International classification	:G03G	(71) <b>Name of Applicant :</b> <b>1)INFOSYS LIMITED</b> Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and computer-implemented method for generating an optimized allocation of a plurality of tasks across a plurality of processors or slots for processing or execution in a distributed computing environment. In a cloud computing environment implementing a MapReduce framework, the system and computer-implemented method may be used to schedule map or reduce tasks to processors or slots on the network such that the tasks are matched to processors or slots in a data locality aware fashion wherein the suitability of node and the characteristics of the task are accounted for using a minimum cost flow function.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/08/2011

(21) Application No.2873/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : APPARATUS FOR COATING WORKPIECES

(51) International classification	:B24B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 173 829.2	<b>1)HOMAG HOLZBEARBEITUNGSSYSTEME AG</b> Address of Applicant :HOMAGSTRASSE 3-5, 72296
(32) Priority Date	:24/08/2010	SCHOPFLOCH Germany
(33) Name of priority country	:EPO	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SCHMID, JOHANNES</b>
Filing Date	:NA	<b>2)PETRAK, AXEL</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 (1) for coating workpieces (2) which are preferably made at least in sections of wood, wood materials/ plastic or the like, comprising a feed apparatus (10) for feeding a coating material, an activation region (20) for activating the fed coating material (2), and a pressing apparatus (40) for pressing the activated coating material (2) onto a workpiece (3) . The apparatus according to the invention is characterised in that at least the activation region (20) with the pressing apparatus (40) and the workpiece (3) can be moved and/or rotated relative to one another in a plane of movement perpendicular to the coating plane in the course of the coating process.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.2957/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : COUPLING STRUCTURE BETWEEN SHAFT AND YOKE OF UNIVERSAL JOINT AND VEHICLE STEERING SYSTEM

(51) International classification	:F16D	(71)Name of Applicant :
(31) Priority Document No	:2010-194457	<b>1)JTEKT CORPORATION</b> Address of Applicant :5-8, MINAMISEMBA 3-CHOME, CHUO-KU OSAKA-SHI, OSAKA 542-8502 Japan
(32) Priority Date	:31/08/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	<b>1)UEDA, HIROJI</b> <b>2)TOKIOKA, RYOICHI</b> <b>3)MIYAWAKI, NAOTO</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 coupling structure (P) for coupling a yoke (17) of a universal joint (6) and a shaft (5) is provided. The yoke (17) includes a pair of side plates (20, 21) parallel to each other and a bottom plate (22) which joins the pair of side plates there between. A fastening shaft (23) inserted through the pair of side plates clamps and fixes the shaft between the pair of side plates. The bottom plate includes a cam surface (25). The cam surface, by pushing an end portion (5b) of the shaft in a direction (Y1) perpendicular to a moving direction (X1) of the shaft with respect to the yoke according to an axial movement of the shaft at a time of a collision of a vehicle, bends the shaft with respect to the yoke.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3060/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : YARN WINDING APPARATUS

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-233735	<b>1)MURATA MACHINERY, LTD.</b> Address of Applicant :3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 Japan
(32) Priority Date	:18/10/2010	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)TAKESHI SHIOTA</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 bobbin installation device includes a bobbin gripping section and a path adjusting plate. A pivot arm is attached to a rocker shaft and swings by-pivoting about the rocker shaft. The bobbin gripping section grips a bobbin, onto which a yarn is to be wound, and supplies the bobbin in between a pair of bobbin holders that define a target position of the bobbin. The path adjusting plate can adjust a path (bobbin supplying path) along which the bobbin is supplied by the bobbin gripping section to the target position.

No. of Pages : 54 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/08/2011

(21) Application No.2876/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF LEVOFLOXACIN HEMIHYDRATE

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:NA	1) ORCHID CHEMICALS & PHARMACEUTICALS LTD
(32) Priority Date	:NA	Address of Applicant : ORCHID TOWERS, 313, VALLUAR KOTTAM HIGH ROAD, NUNGAMBakkAM, CHENNAI - 600 034 Tamil Nadu India
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1) REGURI BUCHI REDDY
Filing Date	:NA	2) DHARMENDRA MISRA
(62) Divisional to Application Number	:NA	3) GOVINDAN SHANMUGAM
Filing Date	:NA	4) TAYYALA KIRANMYE
		5) PENDIYALA SYAMSUNDER REDDY

(57) Abstract :

The present invention provides an improved process for the preparation of Levofloxacin and hydrates thereof. More specifically, the invention provides an improved process for the preparation of Levofloxacin hemihydrate of formula (I).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.2944/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A WATER CONSERVATION DEVICE AND METHOD THEREOF

(51) International classification	:A01N	(71) <b>Name of Applicant :</b> <b>1)KRISHNASAMY SOUNDARAJAN</b> Address of Applicant :223,2ND CROSS, CANARA BANK COLONY, NAGARBHAVI ROAD, BANGALORE - 560 072 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a water conservation device and a method of regulating flow of water automatically by sensing proximity distance between the user hand and water outlet. The device is characterized by a valve actuator assembly designed to generate desired mechanical torque to drive the valve assembly. The device also comprises of an (infrared) IR sensor attached to the water outlet of wash basin connected to controller circuit. The controller circuit actuates valve assembly by generating proportional voltage which further allows proportional opening for dispensing water. The device provides an effective management of water supply thereby conserving it.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2973/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/08/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : LICENSE PLATE FITTING STRUCTURE FOR SADDLE RIDE TYPE VEHICLES

(51) International classification	:B62K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-195778	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:01/09/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)FUJITA, MAKOTO</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 structure which makes possible fitting of a license plate without increasing the number of component parts or affecting the layout of other component parts. [Solution] In a motorcycle provided with: a visor 30 arranged above a headlight 31 ahead of a handlebar 15 and extending obliquely upward toward the rear of the body; and a license plate 32 arranged ahead of the visor 30, a fitting convex 49 protruding ahead of the body is disposed on the front face of the visor 30, and the license plate 32 is so fitted to the fitting convex 49 that the fitting convex 49 and the license plate 32 overlap each other as viewed from the front of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2981/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/08/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR COLLATING, FORMATTING, PUBLISHING AND REPORTING OF DAILY CURRICULUM PROGRESS DATA IN LEARNING CENTERS

(51) International classification	:G09B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NADAGOUDA VENKATESH
(32) Priority Date	:NA	Address of Applicant :AMRUTHAA, 373, 7TH CROSS,
(33) Name of priority country	:NA	1ST MAIN, TELECOM LAYOUT, SRIRAMPURA,
(86) International Application No	:NA	BANGALORE - 560 064 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NADAGOUDA VENKATESH
(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 collating, formatting, publishing and reporting of daily curriculum progress data in learning centers is disclosed. A collating means collates daily curriculum progress data from instructors across various classes in an institution. The daily curriculum progress data includes topics covered by instructors in learning centers on hourly basis daily. The collated data is formatted to a predefined format, published and distributed among stakeholders which include students, parents or guardians, instructors, management of the learning centre or any authorized person interested in knowing about daily curriculum progress. The daily curriculum progress report is transmitted to the stakeholders on daily basis who can view topics covered during each session in learning centre in a pre defined format. The invention provides a consistent, convenient and burden less system to gather, record and publish syllabus taught across various subjects during the day for all the classes in an institution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3066/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : SLAVE CYLINDER AND SADDLE-TYPE VEHICLE EQUIPPED WITH THE SAME

(51) International classification	:B23Q	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-201814	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:09/09/2010	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SAITO, SATOSHI</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 :

[Object] In a slave cylinder in which a cylinder body is provided with projected means for restricting a seal position and in a saddle-type vehicle equipped with the slave cylinder, to permit air collecting on the seal side of the restriction means to be easily discharged. [Solving Means] A cylinder-side seal (rear seal 61) held on the radially inner side of the cylinder body 34 is provided. The cylinder body 34 is provided with an inner projected section 52 projected to the radially inner side of the cylinder body 34 so as to restrict the position of the rear seal 61. An air vent passage 63 is formed in the inner projected section 52 for permitting air present on the rear seal 61 side to be discharged, the air vent passage 63 formed by cutting out a portion of the inner projected section 52.

No. of Pages : 47 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.3083/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AN IMPROVED DRAFTING ARRANGEMENT IN A TEXTILE MACHINE

(51) International classification	:D01H	(71) <b>Name of Applicant :</b> <b>1)LAKSHMI MACHINE WORKS LTD.</b> Address of Applicant :PERIANAICKENPALAYAM, COIMBATORE 641 020 Tamil Nadu 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)RAMAN SHEKAR</b> <b>2)RAMASAMY ALAGURAJA</b> <b>3)LAKSHMI NARASHIMAN SATHYANARAYANAN</b> <b>VENKATARAMAN</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 drafting arrangement for use in textile sliver drawing machine. This invention reveals that the upper drafting rollers of a sliver drawing machine, secured through the holding arrangement, comprises of substantially straight holding plates to locate the end bush pins through it. This invention will be more advantageous as the upper drafting rollers are held from its both ends, during the working and non-working condition of a sliver drawing machine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/09/2011

(21) Application No.3102/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : INSTANT SPEED CONTROLLER TO AIRCRAFT TURBINE ENGINE FOR SAFE LANDING

(51) International classification	:B64C	(71) <b>Name of Applicant :</b> <b>1)IGNATIUS ORWIN NORONHA</b> Address of Applicant :SON OF LATE JAMES NORONHA, RESIDING AT FLAT NO. 406, MANNAGUDDA TOWERS, MANNAGUDDA, MANGALORE 575 003 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The tool or system to be incorporated above the Turbine Engine of Aircrafts for providing instant control on speed during landing operation of the aircrafts. The tool or system of the present invention is useful for safe landing and is useful to avoid high risks of plane crash or aircraft accidents expected during and after landing on the runways at the airports which may occur due to human error by pilots during landing the aircrafts and especially during landing the aircrafts on table top airports.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2011

(21) Application No.3131/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A FRAME STRUCTURE FOR A VEHICLE

(51) International classification	:B60R	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES• NO.2C (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present disclosure of the claimed invention provides a connecting bracket to connect structural embodiments of a vehicle. Front head of second head is connected with its rear head such that the connecting bracket is extending downwards from the front head and extending in the transverse direction towards the rear head. Centre part of said bracket is secured in the connecting bracket such that the front head and the rear head are diverged and connected through the centre part where the centre part has multiple cavities lying in transverse direction of the centre part and the plurality of cavity is configured to house a supporting unit inside the centre part.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.3151/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A FRAMEWORK AND METHOD FOR SECURE DATA MANAGEMENT IN A DIVERSIFIED PLATFORM

(51) International classification	:H04L	(71) <b>Name of Applicant :</b> <b>1)INFOSYS LIMITED</b> Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka 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	: 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 and a framework for secure data management, in which the method comprises: enabling, by an enterprise server, a user to download an enterprise application from the enterprise server using a computing device. User authentication credentials are provided by the enterprise server to a user when the user registers with the enterprise server. A unique client ID is assigned for the enterprise application downloaded by the computing device by the enterprise server. Keys for data encryption or decryption are generated by the enterprise server, for different services provided by the enterprise server based on a combination of the unique client ID, a user ID and/or a computing device ID. The method further comprises: enabling the enterprise server to provide a list of services, a first set of keys for data encryption or decryption and a first set of predefined encryption or decryption algorithms corresponding to the list of services to the computing device. The method further comprises: enabling the computing device to launch the enterprise application and select an appropriate service from the list of the services provided by the enterprise server upon successful authentication of the user by the enterprise server, where the services may be bundled along with the enterprise application at the time of downloading the enterprise application. Data that is yet to be stored or already stored in the computing device is encrypted and/or decrypted by using at least one key from among the first set of keys and at least one encryption or decryption algorithm from among the first set of encryption or decryption algorithm corresponding to the service selected by the user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.3091/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MECHANICAL BOLT LOAD MEASURING AND INDICATING APPARATUS

(51) International classification	:G01L	(71) <b>Name of Applicant :</b> <b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b> Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France
(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)ANKUR AGARWAL</b> <b>2)SATHISH KUMAR</b> <b>3)MICHEL ABADIE</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 :

Accordingly, the present invention provides for mechanical bolt load measuring and indicating apparatus for measuring and indicating the load or torque applied on the bolt specifically where the load sensing means is an interlinked resilient member containing plurality of interlinked elements.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/09/2011

(21) Application No.3119/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PROCESSES FOR PREPARING EPTIFIBATIDE

(51) International classification	:A61K	(71) <b>Name of Applicant :</b> <b>1)LAURUS LABS PVT LTD</b> Address of Applicant :2ND FLOOR, SERENE CHAMBERS ROAD#7, BANJARA HILLS HYDERABAD - 500 034 Andhra Pradesh 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)SUBHA V. NAIR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)RAVINDRA BABU, BOLLU</b>
Filing Date	:NA	<b>3)VENKATA SUNIL KUMAR, INDUKURI</b>
(62) Divisional to Application Number	:NA	<b>4)SEETA RAMANJANEYULU, GORANTLA</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides processes for preparation of eptifibatide that involve coupling of amino acids in a (2+5) and (4+3) sequence method. The invention further provides products produced by the described processes, novel compounds that can be used as synthetic intermediates for the preparation of eptifibatide.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3135/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR PRODUCING THIN SILICON RODS

(51) International classification	:B23K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:102010040836.0	<b>1)WACKER CHEMIE AG</b>
(32) Priority Date	:15/09/2010	Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-81737 MUNCHEN Germany
(33) Name of priority country	:Germany	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)DR. HANNS WOCHNER</b>
Filing Date	:NA	<b>2)DR. WALTER HACKL</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 a method for producing thin silicon rods (1), comprising the steps: a) providing a rod of polycrystalline silicon, from which at least two thin rods (11, 12) with a reduced cross section in comparison with the polycrystalline silicon rod are separated; b) cleaning the at least two separated thin rods (11, 12) by treatment with a material-eroding liquid medium; c) welding at least two of the cleaned thin rods (11, 12) to form a longer thin rod (1); d) packaging the longer thin rod (1) in a tubular film (100).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.3147/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FLUX OFFSET COMPENSATION FOR AN ROTATING ELECTRICAL MACHINE

(51) International classification	:B23K	(71) <b>Name of Applicant :</b> <b>1)ABB TECHNOLOGY AG</b> Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(31) Priority Document No	:10176976.8	
(32) Priority Date	:16/09/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHRISTIAN STULZ</b>
(87) International Publication No	: NA	<b>2)HALINA BURZANOWSKA</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 compensating the flux drift caused by measurement and/or calculation errors when controlling a rotating electrical machine 20 is provided. The flux drift of the estimated flux vector may be compensated by comparing the length of the flux vector with a reference flux magnitude which already has been determined for controlling the inverter. Depending on the comparison, the length of the estimated flux vector will be lengthened or shortened.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/2010

(21) Application No.3194/CHE/2010 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SPRING ACTIVATED TREE CLIMBING MACHINE

(51) International classification	:A01G	(71) <b>Name of Applicant :</b> <b>1)PRAKASAN.T</b> Address of Applicant :NAMBIARY HOUSE, P.O. MAYANAD, CALICUT DISTRICT, PIN - 673 008 Kerala 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	: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 related to a spring activated tree climbing machine. In one embodiment this is accomplished by two or more iron pipes assembled in such a way that, the first pipe is loosely inserted to the second pipe, wherein each pipe is provided with at least one clamp, one or more rod is inserted at the top end of the first pipe and at the bottom end of the second pipe horizontally by the use of a plurality of winches, one or more loop like structure connected to each of these horizontal pipes, wherein the loop like structure is configured for wrapping around the tree which can be arranged for free upward movement without slipping downward and a long coil spring is wounded on the vertical pipes in such a way that the pipes are passing through the centre of the coil, wherein the upper clamp of the machine is provided with a pulley such that when one end of the string passing through the pulley is tide on the lower clamp and the other side of the string is pulled from the ground triggers the loop of the second end of the pipe to move upwards on the tree as the loop of the first end of the pipe is stationary on the tree thereby coil spring between the two iron pipes get tensioned. When the pulling of the string is released the spring expands and the upper loop like structure lifts upwards on the tree .When the string is pulled after reaching the machine on the tree just below an object the knife fitted at the top hits on it and cuts down.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.3152/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING AN OPTIMIZED BUSINESS PROCESS DESIGN

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b> <b>1)INFOSYS LIMITED</b> Address of Applicant :IP CELL, PLOT NO 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A design module for automatically optimizing business processes in an organization. Each business process to be optimized is characterized by one or more performance indicators. One or more process characteristics are identified corresponding to each of the performance indicators. For each of the process characteristics, at least one transformation pattern is identified. Thereafter, one or more transformation patterns are selected from the identified transformation patterns, for optimizing the process characteristics, and thereby optimizing the business processes. The design module generates workflow patterns based on the identified transformation patterns and converts them into BPEL constructs for visually displaying the workflow patterns on a user interface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3216/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A GRAVITY ASSISTED SUSTAINABLE MICRO HYDROELECTRIC POWER GENERATION SYSTEM

(51) International classification	:F03B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)DILIP DANIEL JAMES</b>
(32) Priority Date	:NA	Address of Applicant :ARDEN VILLA, ST. ANNS RD.,
(33) Name of priority country	:NA	OOTACAMUND 643 001, NILGIRIS Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DILIP DANIEL JAMES</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 Clean, green completely new system for generating hydroelectric energy by lifting water through the action of atmospheric pressure and a vacuum and using that water to drop from a height through a pipe and generator to generate electricity, the water or other liquid used men returns to the lower tank, the same water is used again and again without any evaporation losses, the system uses minimum net energy to operate, based on the constant potential system as used in elevators and is pollution free.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3219/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : PLUG IN BUSHING AND HIGH VOLTAGE INSTALLATION HAVING A BUSHING SUCH AS THIS

(51) International classification	:H02G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10177794.4	<b>1)ABB TECHNOLOGY AG</b>
(32) Priority Date	:21/09/2010	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(33) Name of priority country	:EPO	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ANSGER DAIS</b>
Filing Date	:NA	<b>2)JENS ROCKS</b>
(87) International Publication No	: NA	<b>3)OLIVER IIIC</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The plug-in high-voltage bushing (D) is used for connection of an electrical conductor to a metal-encapsulated component (T), which is filled with insulating agent, of a high-voltage installation. It is designed to be rotationally symmetrical with respect to an axis (A) and has a centrally routed electrical conductor (10), a field control device and an insulator (20) which surrounds the electrical conductor and has a tapering section (21) which dielectrically strengthens a joint (F) after insertion of the bushing (D) into a plug part (60) which closes the component (T) forming a seal for the insulating agent, which joint (F) is arranged between an insulating sleeve (64) of the plug part (60) and the tapering section (21) of the insulator. The bushing is intended to be distinguished by a comparatively simple and robust design and is at the same time intended to be suitable for effectively controlling the electrical field which acts during operation of the bushing, even at very high operating voltages. This is achieved in that the field control device is in the form of a capacitor winding (40), in that the capacitor winding (40) has capacitor plates (41) which are electrically isolated from one another, are kept at a distance from one another in the radial direction by insulating film (42), and are integrated in the insulator (20) by embedding the capacitor winding (40) in a cured polymer compound (23), and in that the capacitor plates (41) are passed through the mounting flange (30) into the tapering section (21) of the insulator (20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3245/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MEDICAL CLASSIFICATION MAPPING FOR FINANCIAL NEUTRALITY

(51) International classification	:G06Q	(71) <b>Name of Applicant :</b> <b>1)INFOSYS LIMITED</b> Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various technologies related to achieving financial neutrality in light of transition from one medical classification system to another are described. Mappings between and among codes such as diagnosis codes, procedure codes, and payment codes can be explored and chosen based on comparison of financial impact among candidate codes. To increase performance, weighting in favor of principal codes can be supported. Such weighting can be throttled for adjustment. Other features, including generating replacement codes based on chosen mappings, can be implemented.

No. of Pages : 47 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3194/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :16/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : ROTATING ELECTRICAL MACHINE, WIND POWER GENERATION SYSTEM, AND ROTOR MEMBER FOR USE IN ROTATING ELECTRICAL MACHINE

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:2010-228134	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b> Address of Applicant :2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 8060004 Japan
(32) Priority Date	:08/10/2010	
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	<b>1)HIROSHI TSUMAGARI</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide a rotating electrical machine whose overall weight can be reduced while ensuring appropriate overall rigidity of the rotor member. An electric generator 1 (rotating electrical machine) includes a rotor 30 and a stator 40 arranged so as to face an outer peripheral portion of the rotor 30. The rotor 30 includes a shaft 31, a cylindrical rotor yoke 32 .that surrounds the shaft 31, and a rotor boss 33 that connects the rotor yoke 32 and the shaft 31 to each other. The rotor boss 33 includes a plurality of plate-shaped wheel members 35 and a plurality of beam members 36 (36a), the wheel members 35 extending in a radial direction along a plane that crosses an axial direction in which the shaft 31 extends and being arranged with specific intervals therebetween in the axial direction, and the beam members 36 (36a) being provided at outer peripheries of the plate-shaped wheel members 35 and arranged such that the beam members 36 (36a) are in contact with an inner peripheral portion of the rotor yoke 32. The plate-shaped wheel members 35 are provided with a plurality of first openings that extend therethrough in the axial direction.

No. of Pages : 54 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.3203/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : HETEROARYL COMPOUNDS AS 5-HT4 RECEPTOR LIGANDS

		(71) <b>Name of Applicant :</b> <b>1)SUVEN LIFE SCIENCES LIMITED</b> Address of Applicant :SERENE CHAMBERS, ROAD-5, AVENUE-7, BANJARA HILLS, HYDERABAD - 500 034 Andhra Pradesh India
(51) International classification	:C07D	(72) <b>Name of Inventor :</b>
(31) Priority Document No	:NA	<b>1)NIROGI, RAMAKRISHNA</b>
(32) Priority Date	:NA	<b>2)MOHAMMED, ABDUL RASHEED</b>
(33) Name of priority country	:NA	<b>3)YARLAGADDA, SURESH</b>
(86) International Application No	:NA	<b>4)RAVELLA, SRINIVASA, RAO</b>
Filing Date	:NA	<b>5)SHINDE, ANIL, KARBHARI</b>
(87) International Publication No	: NA	<b>6)KAMBHAMPATI, RAMASASTRI</b>
(61) Patent of Addition to Application Number	:NA	<b>7)ROAYAPALLEY, PRAVEEN, KUMAR</b>
Filing Date	:NA	<b>8)JAYARAJAN, PRADEEP</b>
(62) Divisional to Application Number	:NA	<b>9)BHYRAPUNENI, GOPINATH</b>
Filing Date	:NA	<b>10)PATNALA, SRIRAMACHANDRA, MURTHY</b>
		<b>11)RAVULA, JYOTHSNA</b>
		<b>12)JASTI, VENKATESWARLU</b>

(57) Abstract :

The present invention relates to novel compounds of formula (I), and their pharmaceutically acceptable salts and compositions containing them. The present invention also relates to a process for the preparation of above said novel compounds, and their pharmaceutically acceptable salts. The compounds of formula (I) are useful in the treatment of various disorders that are related to 5-HT4 receptors.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.3221/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : NOVEL SYNTHESIS OF QUATERNISED ANTHRAQUINONE DYE

(51) International classification	:C07C	(71) <b>Name of Applicant :</b> <b>1)VIVIMED LABS LIMITED</b> Address of Applicant :2ND FLOOR, VEERANAG TOWERS, HABSIGUDA, HYDERABAD - 500 007 Andhra Pradesh 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Novel synthesis of l-methylamino-4-(N,N-dimethyl-N-propyl-3'-ammonium-n-propyl amino)-9,10-anthraquinone bromide, BQB (Compound VIII) is reported in the current invention.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.3242/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHOD FOR IDENTIFYING PROBLEMATIC LOOPS IN AN APPLICATION

(51) International classification	:G06F	(71) <b>Name of Applicant :</b> <b>1)INFOSYS LIMITED</b> Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka 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)MURALI KRISHNA E</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SUDEEP MALLICK</b>
Filing Date	:NA	<b>3)BALKRISHNA PRASAD</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a system and method for identifying one or more problematic loops in an application. This invention provides a Directed Acyclic Graph or DAG representation of structure of one or more loops in the application by performing a static and a dynamic analysis of the application source code and depicts the loop information as LoopID, loop weight, total loop iteration, average loop iteration, total loop iteration time, average loop iteration time and embedded vector size. This aids a programmer to concentrate on problematic loops in the application and analyze them further for potential parallelism.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3252/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : AN ENGINEERED NUCLEIC ACID ASSEMBLY, VECTOR, CELL, METHODS AND KIT THEREOF

(51) International classification	:C12N	(71) <b>Name of Applicant :</b> <b>1)NATIONAL CENTRE FOR BIOLOGICAL SCIENCES</b> Address of Applicant :TATA INSTITUTE OF FUNDAMENTAL RESEARCH, UAS-GU VK CAMPUS, BELLARY ROAD, BANGALORE - 560 065 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a nucleic acid assembly (NAA), comprising sensor domain and handle domain; an assembly interfaceable motif (AIM) sequence optionally along with intracellular targeting motif (ITM) sequence; and an AIM- NAA complex. It also relates to a vector comprising assembly interfaceable motif sequence optionally along with intracellular targeting motif sequence and a cell comprising the vector. Further, the instant disclosure also provides a method to obtain the nucleic acid assembly, method of intracellular targeting and kit thereof.

No. of Pages : 78 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2011

(21) Application No.3264/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : VEHICLE LIGHTING APPARATUS SUPPORT STRUCTURE

(51) International classification	:B62J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-214258	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:24/09/2010	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)YOKOUCHI, KOHEI</b>
Filing Date	:NA	<b>2)MARUYAMA, TOMOYUKI</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] To provide a vehicle support structure that ensures that vehicle vibration is transmitted less easily, while enhancing appearance of areas around a lighting apparatus. [Solving Means] A lighting apparatus support structure for a vehicle includes: a front stay 61, formed of a metal, extended forwardly in the vehicle from a head pipe 11 to allow a luggage basket 57 to be supported therewith; an upper lighting apparatus cover 86 formed of a resin, extended forwardly in the vehicle from the front cover 51 for covering the front stay 61 and the lighting apparatus 62 from an upward direction; and a lower lighting apparatus cover 85 formed of a resin, extended forwardly in the vehicle from the front cover 51 for covering the front stay 61 and the lighting apparatus 62 from outward directions in a vehicle width direction. The lighting apparatus 62 is supported by the lower lighting apparatus cover 85 that is supported by the front stay 61.

No. of Pages : 68 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/09/2011

(21) Application No.3276/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MOTORCYCLE

(51) International classification	:B62K 11/00	(71) <b>Name of Applicant :</b> <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	:2010- 214907	(72) <b>Name of Inventor :</b> <b>1)KURAMOCHI, DAISUKE</b> <b>2)INAMI, SHIGETO</b> <b>3)UESAKA, TORU</b>
(32) Priority Date	:27/09/2010	
(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	

(57) Abstract :

A motorcycle includes a mono-backbone frame 17, pivot plates 60 and 60 provided at the rear part of the mono-backbone frame 17, and a pivot shaft 22 that penetrates the pivot plates 60 and 60 so as to support a rear swing arm, wherein a pivot collar 63 is formed at the pivot shaft 22, and sub-pipe front portions 21A and 21A extending from the pivot shaft 22 toward the rear of the motorcycle are welded to the pivot collar 63, wherein first cutout portions 71 and 71 extending in the front-to-rear direction of the motorcycle are formed on the pivot plates 60 and 60, wherein the sub-pipe front portions 21A and 21A are fitted to the first cutout portions 71 and 71 in the longitudinal direction, and the sub-pipes 21 and 21 and the pivot plates 60 and 60 are welded at peripheral edges 71B and 71B of the first cutout portions 71 and 71.

No. of Pages : 36 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/09/2011

(21) Application No.3277/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SADDLE RIDING TYPE VEHICLE

(51) International classification	:G05G 1/00	(71) <b>Name of Applicant :</b> <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	:2010-215615	
(32) Priority Date	:27/09/2010	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b> <b>1)YOKOUCHI, KOHEI</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 :

[Object] To provide, in a saddle riding type vehicle including a pedal, a technique that can enhance appearance of the vehicle.  
[Solving Means] A motorcycle 10 includes an arm member 81 disposed on a vehicle body frame 20; a step-on member 82 disposed on an upper end of the arm member 81; and a step floor 47 disposed on the vehicle body frame 20, the step floor 47 having a pedal insertion hole' 85 large enough for the step-on member 82 to pass through, the step-on member 82 protruding upwardly of the step floor 47. An insertion hole cover 87 formed of an elastic material for closing a gap produced relative to an outer periphery 86 of an upper portion of the arm member 81 is disposed on an edge 85f of the pedal insertion hole 85. The insertion hole cover 87 has a passing hole 123 which is smaller than the pedal insertion hole 85 and through which the step-on member 82 can be passed.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.3286/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF SYNERGESTIC HERBAL PREPARATION OF EXTRACTS OF PICRORHIZA KURROA AND GLLYCYRRHIZA GLABRA HAVING MEDICINAL VALUES

(51) International classification	:A61K 36/00	(71)Name of Applicant : <b>1)ANIL KUMAR M</b> Address of Applicant :SRINIVASA NAGAR COLONY, BAGHAMBERPET, HYDERABAD - 500 039 Andhra Pradesh 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 : <b>1)DR RAMANA RAO M</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 synergistic herbal preparation of extracts of Picrorhiza Kurroa Royle or its close species of the same family such as Picrorhiza Scrophulariflora Pennel and Neopicrorhiza Scrophulariiflora and Gllycyrrhiza Glabra having medicinal values and Antiviral and Immune boosting activity against DNA virus-bacteriophage pi AT 300 µg/ml and plaque reduction assay

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3294/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A HIGH FAT, HIGH ENERGY, MULTIPLE MICRONUTRIENTS FORTIFIED, PROTEIN RICH, NUTRITIOUS SUPPLEMENTARY BISCUIT OFR CHILDREN AGED 6 MONTHS AND OLDER; AND A PROCESS FOR THE MANUFACTURE THEREOF

(51) International classification	:A23L 1/00	(71) <b>Name of Applicant :</b> <b>1)BRITANNIA INDUSTRIES LIMITED</b> Address of Applicant :194 MTH ROAD, PADI, CHENNAI 600 050 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the manufacture of a high fat, high energy, multiple micronutrients fortified, protein rich, nutritious supplementary biscuit comprising the steps of preparing a premix of wheat flour with vitamin and mineral (6 - 8kgs); preparing dough In a separate dough mixer, through a three stage mixing, namely, (i) a creaming stage wherein sugar 3-7 %, defatted soya flour (a source of protein) 15 - 25% are added along with oil (30 - 40%), skimmed milk powder and casein (2 - 6%), soya bean oil and flax seed oil (2 - 4%), emulsifiers (0.5 - 3%), salt, flavour and mixed at RPM >30 followed by leavening agents dissolved in water and mixed at a speed > 30 RPM speed for 2 minutes to 20 minutes (ii) dough making stage wherein wheat flour (35 - 45%) is added and mixed at RPM below 50 for a minute followed by dough conditioner and further mixed at RPM

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.3329/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ENGINE CONTROL UNIT

(51) International classification	:H01R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-217573	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:28/09/2010	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)TAKENAKA, MASAHIKO</b>
Filing Date	:NA	<b>2)TAKEDA, YUICHI</b>
(87) International Publication No	: NA	<b>3)INOSE, KOJI</b>
(61) Patent of Addition to Application Number	:NA	<b>4)NAGATSUYU, TOSHIYA</b>
Filing Date	:NA	<b>5)YAMAMOTO, KATSUMI</b>
(62) Divisional to Application Number	:NA	<b>6)UMETANI, RYOTA</b>
Filing Date	:NA	

(57) Abstract :

[Object] A throttle body-integrated ECU is provided that can enhance waterproof property, vibration proof and productivity while being downsized. [Solving Means] An ECU 16 is mounted to a throttle body 12 via an ECU case 20. A circuit board 16a coated with resin, a sensor 40 and an actuator 41 disposed between the circuit board 16a and the throttle body 12 are housed in the case 20. An ECU cover 22 holding external connection terminals 30 connected to a plurality of corresponding electric leads 29 covers the case 20. A rubber-made sheet-like seal 42 is disposed between the cover 22 and the circuit board 16a. The circuit board 16a has, on one surface 24, an electrode 45 and the like disposed at positions opposed to a connection terminal 44 of the sensor 40 and the like and, on the other surface 26, a plurality of external connection electrodes 32 disposed to be opposed to the corresponding external connection terminals 30.

No. of Pages : 50 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3343/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A DEVICE AND METHOD FOR REMOVING EXHAUST GAS PARTICLES DEPOSITED ON A PARTICULATE FILTER

(51) International classification	:F01N	(71) <b>Name of Applicant :</b> <b>1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED</b> Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b> <b>1)RAGHUVARRAN V H</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device (1000) for regenerating exhaust gas particles deposited in a particulate filter (100) of an engine, said device (1000) comprising a sensing means (200, 72) to determine clogging of the particulate filter, a sucking means (300) adapted to suck the exhaust gas particles based on the determined clogging of the particulate filter, a storing means (400) to store said sucked exhaust gas particles and a burning means adapted to burn the stored exhaust gas particles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3347/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : HIGH-STRENGTH STEEL PLATE WITH 980 MPA OR ABOVE TENSILE STRENGTH EXCELLENT IN LOW TEMPERATURE TOUGHNESS OF MULTI-LAYER JOINT

(51) International classification	:C21D	(71)Name of Applicant :
(31) Priority Document No	:2010-222482	1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
(32) Priority Date	:30/09/2010	Address of Applicant :10-26, WAKINOHAMA-CHO 2-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KARIYAZAKI, MAKOTO
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A high-strength steel plate excellent in the low temperature toughness in HAZ of a joint part contains C: 0.12-0.16% (by mass, the same applies to the following), Si: 0.05-0.5%, Mn: 0.8-1.2%, Al: 0.01-0.07%, Mo: 0.5-0.8%, Nb: 0.025-0.08%, B: 0.0004-0.002%, and Cr: 0.8% or below and/or V: 0.06% respectively, the balance including iron with inevitable impurities, in which a MP value defined by a formula (1) below is 0.550 or above, a carbon equivalent Ceq defined by a formula (2) below is 0.63 or below, and the tensile strength is 980 MPa or above. MP value=(12/[C])x(([Mo]/96)+([Nb]/93)) ... (1)  
Ceq=[C]+[Mn]/6+([Cr]+[Mo]+[V])/5+([Cu]+[Ni])/15... (2)

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3246/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR AUTO REBINDING OF PATIENT DEMOGRAPHIC DETAILS TO PATIENT MONITORING DEVICES

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INFOSYS 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)Name of Inventor :
(87) International Publication No	: NA	<b>1)NATARAJ SUBBARAYA KUNTAGOD</b>
(61) Patent of Addition to Application Number	:NA	<b>2)CHINMOY MUKHERJEE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a middleware to automatically bind demographic details of a patient to at least one sensor included in a body worn monitoring device of the patient. In accordance with an embodiment, the middleware comprises a receiver module and an edge intelligence module. The receiver module receives identification code from a sensor associated with the patient, a unique patient identification code from a central server, and signals from each sensor associated with the patient. The edge intelligence module associates the unique patient identification code and the demographic details of the patient with each of the at least one sensor, and updates the central server with sensor identification code of each sensor associated with the unique patient identification code.

No. of Pages : 29 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3248/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PATTERN WARPING MACHINE

(51) International classification	:D02H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 005 225.5	<b>1)KARL MAYER TEXTILMASCHINENFABRIK GMBH</b> Address of Applicant :BRUHLSTRASSE 25, 63179 OBETSHAUSEN Germany
(32) Priority Date	:28/01/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:EPO	<b>1)FUHR, MARTIN</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 pattern warping machine (1) is specified having a warping drum (2) which is connected to a winding drive (3), at least one thread guide (6) which can be moved parallel to the axis of the warping drum (2) , and a plurality of lease rods (9) which are fastened to the warping drum (2). It is desired to ensure reliable operation of the pattern warping machine. To this end, it is provided that a sensor arrangement (11) is provided which detects a position of the lease rods (9) on the circumference of the warping drum (2) .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2011

(21) Application No.3331/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR PRODUCING ZEOLITE AND PROCESS FOR PRODUCING E-CAPROLACTAM

(51) International classification	:B01J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-214834	<b>1)SUMITOMO CHEMICAL COMPANY, LIMITED</b> Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8260 Japan
(32) Priority Date	:27/09/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)HOSHINO, MASAHIRO</b> <b>2)MATSUSHITA, TSUYOSHI</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 :

Disclosed is a process for producing a zeolite excellent in catalytic activity and catalyst life. This process comprises the following steps (1) to (5): (1) preparing an aged mixture which contains crystals by aging a solution mixture which contains a silicon compound, water and a structure-directing agent; (2) mixing the crystal-containing aged mixture prepared in the step (1), with an additional silicon compound, additional water and an additional structure-directing agent, and subjecting the resultant mixture to a hydrothermal synthetic reaction; (3) separating a solid from the reaction mixture obtained in the step (2); (4) calcining the solid separated in the step (3); and (5) subjecting the calcined product obtained in the step (4) to a contact treatment with an aqueous solution which contains at least one kind selected from the group consisting of ammonia and ammonium salts. 8-Caprolactam is produced by subjecting cyclohexanone oxime in a gas phase to a reaction for Beckmann rearrangement by the use of the zeolite thus produced as a catalyst.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3359/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : VEHICLE APPROACH NOTIFICATION CONTROL APPARATUS FOR ELECTRIC MOTORCYCLE

(51) International classification	:B65B	(71)Name of Applicant :
(31) Priority Document No	:2010-221601	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:30/09/2010	
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)TAMAKI, KENJI</b>
Filing Date	:NA	<b>2)AKIBA, RYUJI</b>
(87) International Publication No	: NA	<b>3)TANAKA, KAZUHIKO</b>
(61) Patent of Addition to Application Number	:NA	<b>4)KONNO, TAKESHI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Object] To provide a vehicle approach notification control apparatus for an electric motorcycle which can output notification sound for notifying a walker or the like of approach of an electric motorcycle with an appropriate sound volume. [Solving Means] The vehicle approach notification control apparatus for an electric motorcycle 1 which includes a speaker 6 0 as sound generation means for generating notification sound equivalent to engine sound of an engine motorcycle of a vehicle category same as a vehicle category of the self vehicle as an electric motorcycle 1 in response to a motor speed Nm of an electric motor M or a vehicle speed V includes pseudo engine sound volume storage means 2 51 for storing sound volume data of engine sound with respect to entire running sound upon running of the engine vehicle, and a control unit 8 0 for controlling the notification sound. The control unit 80 controls the speaker 6 0 based on the sound volume data stored in the pseudo engine sound volume storage means 251 upon low speed running. The pseudo engine sound volume data is set so that the sound volume decreases in response to increase of the vehicle speed V and becomes zero when a predetermined vehicle speed VL is reached.

No. of Pages : 111 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.3383/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : RELATIVE WATER POSITION METHOD FOR EARLY IDENTIFICATION OF DROUGHT RESISTANCE IN RICE CULTIVARS

(51) International classification	:C12Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAMIL NADU AGRICULTURAL UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :UNIVERSITY REGISTERED
(33) Name of priority country	:NA	UNDER THE INDIAN UNIVERSITY'S REGISTRATION
(86) International Application No	:NA	ACT COIMBATORE - 641 003 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TAMIL NADU AGRICULTURAL UNIVERSITY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A simple screening technique for drought resistance cultures in rice with in short time. A relative water position method using burette and each genotype placed in separate burette by carefully tying the seeds with the thread at the top. Full water level was kept initially. After initial germination, the water level was reduced everyday by observing the root length. Only the tip one centimeter of the root is immersed in the water. Accordingly the water level was reduced for different genotypes. The length of the root was measured up to 10 to 15th days. The initially formed seminal root started growing based on their ability. The relative growth rate can be measured every day. The drought resistant varieties showed higher root elongation compared to normal varieties indicating that it is best method for drought screening.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.3384/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A DEVICE AND METHOD FOR DETECTING POSITION OF A STEERING WHEEL IN A STEERING ASSEMBLY

(51) International classification	:B62D	(71) <b>Name of Applicant :</b> <b>1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED</b> Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)AVIK ROY</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device and method for detecting the position of a steering wheel in a steering wheel assembly is disclosed. A steering column (2) is accommodated inside a housing (4) for mounting the steering wheel. One or more light guide elements (6) are mounted on the steering column (2). One or more rows of light emitting elements (8) are arranged on the inner circumference of the housing (4). Similarly, one or more rows of light receiving elements (10) are mounted on the housing (4) vertically spaced apart from one or more rows of light emitting elements (8). Light is transmitted through the light guide element (6) from the light emitting elements (8) to the light receiving elements (10). A controller (14) determines the position of the steering wheel by receiving the signals from the light receiving elements (10).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/09/2011

(21) Application No.3385/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : GEM WITH BRILLIANT CUT

(51) International classification	:A44C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/896,105	<b>1)D. SWAROVSKI KG</b>
(32) Priority Date	:01/10/2010	Address of Applicant :SWAROVSKISTRASSE 30, 6112
(33) Name of priority country	:U.S.A.	WATTENS Austria
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BLASBICHLER, GUENTHER</b>
(87) International Publication No	: NA	<b>2)EDER, KARLHEINZ</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SAUER, MARKUS</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Brilliant-cut gemstone, wherein the crown angle (a) is between 32.8° and 33.0°.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3401/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : STRUCTURE FOR INSTALLATION OF CIRCUIT BOARD IN THROTTLE BODY

(51) International classification	:F02D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-223861	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:01/10/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)YAMAMOTO, KATSUMI</b> <b>2)TAKENAKA, MASAHIKO</b> <b>3)SUGIO, DAISUKE</b> <b>4)INOSE, KOJI</b> <b>5)NAGATSUYU, TOSHIYA</b> <b>6)TAKEDA, 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 :

[Object] To make the structure for installation of a circuit board on a throttle body compact. [Constitution] The circuit board 15 constituting an ECU 16 is molded with a resin material 35. In the circuit board 15, first electrodes 30 and the second electrodes 34 are respectively provided on a first end face 24 facing inward of the throttle body 12 and a second end face 25 facing outward thereof so that they are exposed from the resin material 35. The circuit board 15 is attached to a lateral side of the throttle body 12 in a way to stand along a vertical direction. A throttle opening sensor 18 constituting a central processing unit (CPU) and a solenoid 19 are electrically connected to the first electrodes 30 and the terminals 32 of a harness 22 are electrically connected to the second electrodes 34.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3443/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR MANAGING CELECTION IN A WIRELESS NETWORK SYSTEM

(51) International classification	:H04W	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b> Address of Applicant :Bagmane Lakeview Block B No. 66/1 Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore 560093 Karnataka 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	: 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 of managing cell selection in a wireless network system. The method includes sending a request to a cell or evolved node B to access a Multimedia Broadcast Multicast Service (MBMS) session. On receiving the request eNB either redirects the request or rejects the request or serves the request by sharing carrier information with the user equipment. With the carrier information, the user equipment latches on to the carrier providing the MBMS session. In an embodiment, if the eNB can accommodate the user equipment, the access to the MBMS session is continued, failing to which the session is discontinued or redirected to another eNB.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3356/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/09/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CHAIN TENSIONER DEVICE

(51) International classification	:F16H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-222398	<b>1)HONDA MOTOR CO., LTD.</b>
(32) Priority Date	:30/09/2010	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOEM, 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)KONO, NAOKI</b>
Filing Date	:NA	<b>2)WATANABE, SATORU</b>
(87) International Publication No	: NA	<b>3)YOKOYA, NOBOUR</b>
(61) Patent of Addition to Application Number	:NA	<b>4)KOYAMA, TAKASHI</b>
Filing Date	:NA	<b>5)KAWAKAMI, TAKURO</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a chain tensioner device that includes a tensioner arm turnably supported at one end by an engine body; a wedge-receiving portion fixedly disposed on an inner surface side of a portion, facing the chain passage, of the engine body; and biasing means having a wedge interposed between the wedge-receiving portion and the tensioner arm and biasing the tensioner arm toward the cam chain side, the wedge-receiving portion adapted to receive the wedge brought into slidable contact therewith is configured while eliminating cumbersome machining performed on the engine body. [Solving Means] A wedge-receiving portion 36A is removably attached to an engine body 11A.

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3368/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/09/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : VEHICLE APPROACH NOTIFICATION APPARATUS FOR ELECTRIC MOTOR CYCLE

(51) International classification	:B65B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-221600	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:30/09/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)TAMAKI, KENJI</b> <b>2)AKIBA, RYUJI</b> <b>3)NOMURA, YOSHIHIRO</b> <b>4)SHINMURA, HIROYUKI</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 vehicle approach notification apparatus for an electric motorcycle wherein an attaching structure of a control apparatus, which carries out output control of notification sound, to a vehicle body is optimized. [Solving Means] A vehicle approach notification apparatus for a electric motorcycle 1 which outputs notification sound for notifying a walker or the like of approach of a vehicle from a speaker 60 attached to a vehicle body includes a control unit 80 for controlling the notification sound. The control unit 80 is attached to a position, displaced rather forwardly of the vehicle body, of a bottom face in an accommodating box 49 disposed below a seat 24 of the electric motorcycle 1. A cover plate 148 which configures part of the bottom of the accommodating box 49 is removably disposed above the control unit 80. A low voltage battery 51 as a power supply for auxiliaries is accommodated on the bottom of the accommodating box 49 displaced rather rearwardly of the vehicle body from the control unit 80. The cover plate 148 is disposed so as to cover an upper portion of the low voltage battery 51 in flush with an upper face of the control unit 80.

No. of Pages : 109 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2011

(21) Application No.3416/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : AN UNIVERSAL POWER SUPPLY SYSTEM WITH LOAD ISOLATING AND VOLTAGE ENHANCEMENT DEVICE

(51) International classification	:H02J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. ARUMUGAM RAJENDRA BABU
(32) Priority Date	:NA	Address of Applicant :NO.77A, P.T. RAJAN SALAI, K.K.
(33) Name of priority country	:NA	NAGAR, CHENNAI - 600 078 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. ARUMUGAM RAJENDRA BABU
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to power supply system having recharging unit with load isolation and its method of operation. The power supply unit has one or more energy storage device and such energy storage device is of low voltage rating when compared with the operating voltage of the load. The power supply units when operated through an intermediate section and an output combiner, due to alternative parallel and series connections of capacitors supplies to the load an enhanced voltage as required by the load with complete isolation between the recharging unit of the system and load. The recharging unit supplies the recharging voltage to the input battery whenever the input battery is isolated from the load. Due to which, the energy storage devices serves for large distance range and better speed range incase of electric vehicles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/10/2011

(21) Application No.3473/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : THE FLUX GATEWAY

(51) International classification	:H02K	(71) <b>Name of Applicant :</b> <b>1)SYED YASIN</b> Address of Applicant :Flat No. 133 D Block Mahaveer Marvel Appartments Kodichiknalli Near Vijaya Bank Layout Benergetta Road Bangalore 560076 Karnataka 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	: 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 relate to The Flux Gateway• (TFG). In particular the disclosure relates to a mechanism that ensures the assembly of permanent magnets to form an Over-unity Motor that ensures perpetual motion. The perpetual motion takes no input energy by any means but outputs enormous abundant energy that till date is perceived otherwise.

No. of Pages : 38 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3521/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : LUG BOTTOM IP WITH REINFORCED STEEL MEMBER

(51) International classification	:B65D	(71) <b>Name of Applicant :</b> <b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b> Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France
(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)ANANTH PRABHU</b> <b>2)NARASIMHA V MURTHY</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 for a lug bottom IP comprised within a lug assembly for connecting wires and cables thereto and comprising of a spring component which is workable both under compression and tension. The lug IP bottom of the present invention further comprises of a reinforced steel member.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.3542/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A FRAME ASSEMBLY FOR A ONE STEP ENTRY FRONT ENGINE PASSENGER BUS

(51) International classification	:B62D	(71) <b>Name of Applicant :</b> <b>1)ASHOK LEYLAND LIMITED</b> Address of Applicant :NO. 1, SARDAR PATEL ROAD, GUINDY, CHENNAI 600 032 Tamil Nadu 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	: 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 one step entry front engine rear driven/front driven passenger bus, and a frame assembly to provide space for packaging the suspension components , an axle clearance/ travel and space for door openings on driver side (Left hand side) and co driver side (Right hand side).The frame assembly comprising of at least two parallel multi channel constructed longitudinal frame side members (1), a plurality of transverse cross members (2) and plurality of outriggers (3), which form the extensions of said cross members (2) and said frame side member (1), and bolted together with cross members and frame side members to minimize the cost and assembly time of said frame assembly. The frame side member having a first channel (4) configured to include a bent portion (13), second channel (4) with curved hump (15) and the tapered third channel (6) are joined together by means of welding to make the longitudinal frame side member suitable for one step entry front engine rear driven passenger bus, which effectively shorten the time for the passengers to stepping in or stepping off the bus conveniently and reduce the overall travel time.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.3580/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MULTIFUNCTIONAL WIND POWERED HELMET VENTILATION SYSTEM

(51) International classification	:A42B	(71) <b>Name of Applicant :</b> <b>1)DAS ROSHNI</b> Address of Applicant :D-202, NAGARJUNA GREEN RIDGE 19TH MAIN, 27TH CROSS, SECTOR-2, HSR, LAYOUT, BANGALORE - 560 102 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A multifunctional wind powered helmet ventilation system comprises a helmet body with a ventilation unit disposed on the upper front portion of the helmet. The ventilation unit comprises a fan disposed inside a wired enclosure. The fan rotates while riding the vehicle and draws cool air inside the helmet and warm air is expelled out through vents provided on either sides of the upper front portion of the helmet that provides cross ventilation and makes the wearer comfortable. A generator is connected to the fan via shaft that generates electricity by rotation of the fan. The electricity is stored inside a charging unit that illuminates the light emitting elements incorporated on both the side of the helmet to enhance driving safety during night. A removable and rechargeable battery is used to charge various other electronic gadgets such as cell phones, torch, digital camera etc.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.3602/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A TEST SETUP FOR MONITORING LEAKAGE IN A HIGH PRESSURE FUEL INJECTION PUMP

(51) International classification	:G01R
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

**1)BOSCH LIMITED**

Address of Applicant :POST BOX NO 3000, HOSUR  
ROAD ADUGODI, BANGALORE - 560 0030 Karnataka India

(72)Name of Inventor :

**1)SUBRAMANYA S**

**2)BALASHANKAR M P**

**3)SATHYA PRASAD R**

**4)BALARAJ K S**

**5)AMITH KUMAR**

**6)SRIKANTH Y**

**7)SHASHIKANTH N**

(57) Abstract :

The invention proposes a test setup to test a pump 20 to detect the leakage of the fluid in the pump body 39. The test setup comprises a fluid inlet line 12, a fluid return line 14 and a controller 16. One end of the fluid inlet line is connected to a feed pump 13, which pumps the fluid from tank 18 storing the fluid. The other end of the fluid inlet line 12 is connectable to the inlet 19 of the pump 20 which is to be tested. One end of the fluid return line 14 is connected to the tank 18 and the other end of the fluid return line 14 is connectable to the return path 22 of the pump 20 which is to be tested. A first temperature sensor 26 is located in the fluid inlet line 12 and a second temperature sensor 28 is located in the fluid return line 14. By monitoring the difference in the temperature of the fluid entering into the pump and the temperature of the fluid being returned to a tank, the leakage in the pump body is detected.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2011

(21) Application No.3453/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A DENTAL IMPLANT FOR PROSTHETIC TOOTH REPLACEMENT

(51) International classification	:A61F	(71) <b>Name of Applicant :</b> <b>1)DR. VARGHESE MANI</b> Address of Applicant :MANGALATH, POTTAYIL LANE, M.G. ROAD, THRISSUR - 680 004 Kerala 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)DR. VARGHESE MANI</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 dental implant, for prosthetic tooth replacement for anchoring in a jawbone. This implant comprising of prefabricated malleable thin elongated laminar plate having a vestibular anchoring part (1) with at least two screw hole (2) and a lingual or palate anchoring part with at least one screw hole for fixing at the jaw bone by means of screw-1 (4).The said plate capable of acting as an additional anchoring means. Being malleable it can be adapted to the bone. A vertical abutment (3) for supporting an artificial tooth structure is fixed on the surface of the said plate in between the said vestibular anchoring part and said lingual or palate anchoring part. The abutment can be either an integral part of the plate or can be fixed separately on the surface of the said elongated laminar plate by means of screw-2 (5). Artificial teeth can be firmly mounted on the abutment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3468/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROBIOTIC SYNERGISTIC COMPOSITION COMPRISING LACTOBACILLUS SPECIES AND USES THEREOF

(51) International classification	:A61K	(71) <b>Name of Applicant :</b> <b>1)ITC LIMITED</b> Address of Applicant :CORPORATE R & D ITC R & D CENTRE PEENYA INDUSTRIAL AREA, 1ST PHASE, BANGALORE - 560 058 Karnataka 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	: 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 a probiotic synergistic composition for generating, improving or reinforcing homeostasis and/or immunity in a subject, wherein the composition comprises two or more Lactobacillus species selected from a group consisting of Lactobacillus helviticus, Lactobacillus fermentum, Lactobacillus rhamnosus and Lactobacillus paraplantarum, wherein the presence of more than one Lactobacillus species exhibits improved adhesion of the Lactobacillus species to a biological surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2011

(21) Application No.3508/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND SYSTEM FOR SHAFT DEBRIS EXCAVATION

(51) International classification	:E04G	(71) <b>Name of Applicant :</b> <b>1)venkat pidikiti</b> Address of Applicant :267/M-1 S.r.Nagar Hyderabad Kerala 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)Venkat Pidikit</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 system for excavation, wherein the system is provided with a scaffold suspended by wire ropes and a loading attachment powered by a hydraulic power pack, the system being able to be operated remotely or manually from the scaffold working deck based on the excavation conditions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/10/2011

(21) Application No.3528/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SOLID FORMS OF SITAGLIPTIN SALTS, PROCESS FOR THE PREPARATION AND THEIR PHARMACEUTICAL COMPOSITION T

(51) International classification	:C07D	(71) <b>Name of Applicant :</b> <b>1)LAURUS LABS PVT LTD</b> Address of Applicant :2ND FLOOR, SERENE CHAMBERS ROAD#7, BANJARA HILLS HYDERABAD - 500 034 Andhra Pradesh 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	: 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 pharmaceutically acceptable acid addition salts of sitagliptin, in particular anti-oxidant acid addition salts of sitagliptin and a process for its preparation. The present invention also provides a pharmaceutical composition using the pharmaceutically acceptable acid addition salts of sitagliptin.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3605/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :20/10/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : ELECTRONIC ENERGY METER WITH OPTICAL CONNECTED CELL PHONE REMOTE READING NETWORK

(51) International classification	:H04M	(71) <b>Name of Applicant :</b> <b>1)C. RAGAVENDIRA</b> Address of Applicant : NO.135/1, MEENAKSHI NAGAR, YERCAUD MAIN ROAD, SALEM - 7 Tamil Nadu 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> <b>1)C. RAGAVENDIRA</b> <b>2)S. RAMAMOORTHI</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 :

For sending the energy meter reading as SMS through GSM or CDM cell phone technology the cell phone device connected through opto coupler interfacing unit circuit with the electronic Energy meter. This interfacing unit converts the EE meter impulse LED impulses 1600 or 3200 / KWH again converts into analogue meter reading same as indicated in EE meter and given to the SMS port of the cell phone device this cell phone send the meter reading as SMS at regular period of interval to the EB substation or office. Due to the optically isolated cell phone device the existing electronic energy meter will not be affected in any other way and safely protected from cell phone network interferences.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3618/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF HYDROGEN BY STEAM REFORMING AN OIL CUT WITH OPTIMIZED STEAM PRODUCTION

(51) International classification	:F01D	(71)Name of Applicant :
(31) Priority Document No	:10/04.242	<b>1)IFP ENERGIES NOUVELLES</b>
(32) Priority Date	:28/10/2010	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU, 92852 RUEIL-MALMAISON CEDEX France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)FISCHER, BEATRICE</b>
Filing Date	:NA	<b>2)GIROUDIERE, FABRICE</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 describes a process for the production of hydrogen by steam reforming an oil cut using a hot vector gas, in which the steam produced by the process is used in its entirety in said process, a first portion of the steam being introduced as a mixture with the feed, and the second portion supplying the steam turbine driving the compressor for pressurizing the hot vector gas.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3627/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMICALLY CREATING MACHINE IMAGES FOR INSTANTIATING VIRTUAL MACHINES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INFOSYS 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)Name of Inventor :
(87) International Publication No	: NA	<b>1)SRINIVAS PADMANABHUNI</b>
(61) Patent of Addition to Application Number	:NA	<b>2)ALLAHBAKSH MOHAMMEDALI ASADULLAH</b>
Filing Date	:NA	<b>3)BASAVA RAJU MUDDU</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for creating a machine image to be used in instantiating virtual nodes in a cloud computing environment. A virtual machine operating system image is created based on the configuration file. The machine operating system image is loaded in the cloud environment as a machine instance. An EBS disc is created based on the configuration file, and the EBS disk is attached to the machine instance. The method and apparatus allow software to be provisioned on the fly merely by being specified in the configuration file, which can be an XML file or other declarative document.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3628/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHOD FOR DYNAMICALLY GENERATING A USER PERSONALIZED DOWNLOADABLE EXECUTABLE FILE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INFOSYS 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)Name of Inventor :
(87) International Publication No	: NA	<b>1)PUNEET GUPTA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)AKSHAY DARBAKI</b>
Filing Date	:NA	<b>3)VENKAT KUMAR SIVARAMAMURTHY</b>
(62) Divisional to Application Number	:NA	<b>4)SUDHAKAR VUSIRIKA</b>
Filing Date	:NA	

(57) Abstract :

In an aspect, a system, non-transitory machine readable medium and method for providing a personalized executable file to a client device is disclosed. A request sent from a client device to obtain a software application is received. The request is processed to identify the client device and a user associated with the client device. The client device profile information associated with the identified client device as well as user profile information associated with the identified user is determined. One or more configuration/core library files are selected from a file database based on the user profile information and the client device profile information. A personalized executable file is generated for the requested software application, wherein the personalized executable file comprises selected core library files and the selected configuration files. The personalized executable file of the requested software application is then sent to the client device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3629/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING ONE OR MORE UPDATED FILES FOR A GENERATED USER PERSONALIZED SOFTWARE APPLICATION

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INFOSYS 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)Name of Inventor :
(87) International Publication No	: NA	<b>1)PUNEET GUPTA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)AKSHAY DARBAKI</b>
Filing Date	:NA	<b>3)VENKAT KUMAR SIVARAMAMURTHY</b>
(62) Divisional to Application Number	:NA	<b>4)SUDHAKAR VUSIRIKA</b>
Filing Date	:NA	

(57) Abstract :

In an aspect, a system, non-transitory machine readable medium and method for updating at least a portion of a previously transmitted personalized software application is disclosed. A request is received from a user's client device to obtain one or more updated files associated with a previously transmitted personalized software application which includes a customized executable file having core library file(s) and configuration file(s). The user and client device profile information is retrieved from a user database to identify the core library and the one or more configuration files that were included in the previously transmitted executable file. A file database is accessed and at least one updated file is selected corresponding to a previous version file included in the previously transmitted executable file. The updated file(s) is sent to the client device which is then implemented by the client device to operate the updated version of the software application.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3637/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A METHOD AND A SYSTEM FOR TUNING MULTIVARIABLE PID CONTROLLER

(51) International classification	:G05B	(71) <b>Name of Applicant :</b> <b>1)ABB RESEARCH LTD</b> Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(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 provides a method for tuning Multivariate Proportional-Integral -Derivative (PID) controller in a process plant. The plant has at least one PID controller for controlling the processes of the plant. The method comprises the steps of formulating Model Predictive Control (MPC) for the process model of the plant. Obtaining optimal control solution for at least one critical region in relation to the MPC. Determining PID tuning parameters corresponding to the said optimal control solution. Tuning the PID controller with the PID tuning parameters. The present invention also provides a system for tuning Multivariable Proportional-Integral-Derivative (PID) controller in a process plant, in accordance with the method of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.3648/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : MAGNETIC FLUX ENHANCER FOR RELUCTANCE TYPE SENSORS

(51) International classification	:H02K	(71) <b>Name of Applicant :</b> <b>1)TYCO ELECTRONICS CORPORATION INDIA PVT. LIMITED</b> Address of Applicant :TE PARK, 22B DODDENAKUNDI INDUSTRIAL AREA, WHITEFIELD MAIN ROAD BANGALORE - 560 048 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A magnetic flux enhancer system for a reluctance type resolver and an electromagnetic angle sensor having the same are provided. The electromagnetic angle sensor has a stator and a rotor that is rotatably supported by a rotation axis on the stator and separated therefrom by a gap, the stator having at least one magnetic field generating means adapted to generate a distribution of magnetic flux that extends over the gap to the rotor, and at least one magnetic field detecting means adapted to detect a change in the magnetic flux distribution caused by a rotation of the rotor. The electromagnetic angle sensor comprises a magnetic flux enhancer adapted to be positioned on a side of the at least one magnetic field generating means that faces the rotor and to concentrate the generated distribution of magnetic flux over the gap along a radial direction substantially perpendicular to the rotation axis.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3649/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :24/10/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHOD FOR ACOUSTIC TRACKING AND IDENTIFICATION OF NOISE SOURCES IN A WATER BODY

(51) International classification	:G01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELECTRONICS, COCHIN-682022 Kerala India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)DR. P.R. SASEENDRAN PILLAI
Filing Date	:NA	2)DR. SUPRIYA M.H
(87) International Publication 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 (1) for acoustic tracking and identification of noise sources (2) in water body (3) comprises three buoy devices (4) and a shore station system (5). Each said buoy devices comprises an omni-directional hydrophone (6), a steerable hydrophone array (7), buoy electronics (8), a steering device (9) and a power supply unit (10). The present invention also relates to a method for acoustic tracking and identification of noise sources in a water body.

No. of Pages : 58 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3660/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : ELECTRIC VEHICLE

(51) International classification	:B62K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-244335	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO Japan
(32) Priority Date	:29/10/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)KONDO, NOBUYUKI</b> <b>2)MATSUDA, JUNICHI</b> <b>3)YAMANAKA, TAKASUMI</b> <b>4)HONDA, NAOYOSHI</b> <b>5)KANAZAWA, IZUMI</b> <b>6)SHIMURA, YUICHIRO</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 :

[Object] To provide an electric vehicle enabling a space above a swing arm to be used effectively. [Solving Means] Included are an electric motor (41) for generating a travel driving force; a swing arm (34) swingably provided in the rear of the vehicle body frame (11), a rear wheel (35) being pivotally supported by a rear end of the swing arm (34); a drive shaft (52) for transmitting the driving force of the electric motor (41) to the wheel (35); and a suspension (67) connecting the vehicle body frame (11) and the swing arm (34) together. The electric motor (41) is connected to the drive shaft (52) in a way that: the electric motor (41) is set in a longitudinal layout in which a rotating shaft (42) is disposed in a front-rear direction of the vehicle; and the electric motor (41) is disposed, deviated from the center to any one of left and right sides in the vehicle width direction. The suspension (67) is disposed under the electric motor (41) and the drive shaft (52) with the position of the suspension (67) in the front-rear direction overlapping the positions of the electric motor (41) and the drive shaft (52) in the front-rear direction, and on the inner sides of the electric motor (41) and the drive shaft (52) in the vehicle width direction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3661/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : ELECTRIC VEHICLE

(51) International classification	:H01M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-243977	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:29/10/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)ATSUCHI, MICHIO</b> <b>2)KIKUNO, JUNJI</b> <b>3)INOUE, TAKASHI</b> <b>4)KINOSHITA, MASAYUKI</b> <b>5)TAWATCHAI, KASETWETIN</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 :

[Object] To provide a saddle riding type electric vehicle capable of securing a larger battery capacity and enabling the battery to be placed centrally. [Solving Means] An accessory box (30) for storing a battery (31) and accessories is provided, and the accessory- box (30) is placed in a space portion above a rear end of a main frame (5) and under a seat (33) .

No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3662/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR BACKHAULING TRAFFIC WIRELESSLY

(51) International classification	:H04L	(71) <b>Name of Applicant :</b> <b>1)TEJAS NETWORKS LIMITED</b> Address of Applicant :NO. 58, FIRST MAIN ROAD, J.P NAGAR, 3RD PHASE, BANGALORE - 560 078 Karnataka 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	: 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 System for backhauling traffic wirelessly In one embodiment of the present invention at least two hub nodes are configured wherein one act as a master hub node and another as a slave hub node. Each hub node may be connected to one or more leaf nodes using dual homed directed antennas from the leaf node to two hub nodes. The directed antenna in the hub node and leaf node may be aligned in a manner such that antenna lobes of both the antenna are directed to each other and provide the highest signal to noise ratio along the radio link using 256 QAM in both uplink and downlink.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3663/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MAGNETICALLY SEALING VALVE DEVICE FOR A BATTERY CASING

(51) International classification	:H01M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2010 049 649.9	<b>1)CARL FREUDENBERG KG</b> Address of Applicant :HONHERWEG 2-4, 69469 WEINHEIM Germany
(32) Priority Date	:28/10/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Germany	<b>1)KRITZER, PETER</b> <b>2)NAHRWOLD, OLAF</b> <b>3)CLEMENS, MARKUS</b> <b>4)UNGER, HANS</b> <b>5)KRAMER, THOMAS</b> <b>6)STEPHAN, INGO</b> <b>7)FEURER, GEORG</b>
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is with regard to a valve device (4) for a casing (2) of an electrochemical source of electricity (1) as well as for a casing (2) with a magnetic valve device (4) and an electrochemical source of electricity (1) with a casing (2) that exhibits a magnetic valve device (4). The invention is, furthermore, with regard to the application of a magnetic valve device (4) for, inter alia, battery casings, fuel cell casings as well as chemical or biological reactors. By using a magnetic valve device (4) as a pressure-relief valve, the casing (2) can be designed to continue to be operationally reliable even after years of use and the valve device (4) can, in addition, move automatically back into the locked position after an opening and pressure release and thus, without external influence, reconstruct protection against penetration of fluids into the casing interior (5).

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MOBILE TERMINAL DEVICE

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-245846	<b>1)SHARP KABUSHIKI KAISHA</b> Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(32) Priority Date	:02/11/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)YOSHIDA, YASUHIKO</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 :

Provided is a mobile terminal device capable of displaying a quick menu screen with improved user-friendliness . An option evaluating unit 43, every time a user performs a selection operation to an option, adds an addition point to an evaluation score of the selected option, and subtracts a subtraction point from an evaluation score of an unselected option. Further, a quick menu displaying unit 50 displays icons associated with options having an evaluation score equal to or higher than a display threshold value in the quick menu screen. Therefore, it is possible to display more frequently used options in the quick menu, and increase or decrease a number of options displayed in the quick menu screen, and whereby user-friendliness can be improved.

No. of Pages : 49 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3720/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESSES FOR PREPARING DEXPRAMIPEXOLE AND PHARMACEUTICALLY ACCEPTABLE SALT, HYDRATES THEREOF

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)Dr Reddys Laboratories Limited</b>
(32) Priority Date	:NA	Address of Applicant :Dr. Reddys Laboratories Limited 8-2-337 Road No. 3 Banjara hills Hyderabad Andhra Pradesh India-500 034.
(33) Name of priority country	:NA	<b>2)Dr Reddys Laboratories Inc.</b>
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Pranab Haldar</b>
(87) International Publication No	:NA	<b>2)Muvva Venkateswarlu</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Prataprao.Anilkumar</b>
Filing Date	:NA	<b>4)Mylavaram Ravi kumar</b>
(62) Divisional to Application Number	:NA	<b>5)Palvai Prapulla kumar</b>
Filing Date	:NA	<b>6)Birudaraju Venkateshwara Natraj</b>

(57) Abstract :

The present application provides a process for the preparation of Dexpramipexole, its pharmaceutically acceptable salts and its hydrates.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3735/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ADAPTIVE MULTIMODAL COMMUNICATION ASSIST SYSTEM

(51) International classification	:G06F	(71) <b>Name of Applicant :</b> <b>1)PES SCHOOL OF ENGINEERING</b> Address of Applicant :HOSUR ROAD(1KM BEFORE ELECTRONIC CITY), BANGALORE - 560 100 Karnataka 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	: 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 implemented method and system for assisting a user to learn and/or communicate in a visual communication language in one or more modes is provided. The multimodal communication assist application, provided on a user's computing device, determines the user's characteristic information based on one or more selected multimodal communication mappers. The multimodal communication assist application determines a delay factor based on the characteristic information. The multimodal communication assist application captures a modal input in one of the modes from the user via an interactive interface based on the delay factor and the characteristic information. The multimodal communication assist application processes and transforms the captured modal input in one of the modes into a modal output in another one or more of the modes and renders the modal output to the user via the interactive interface. The multimodal communication assist application generates learning components and testing components for the user.

No. of Pages : 150 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3736/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : INVENTION OF BINILNILIUM BY R. VELMURGUAN

(51) International classification	:G01N	(71) <b>Name of Applicant :</b> <b>1)R. VELMURUGAN</b> Address of Applicant :146/5, NORTH STREET, SENGAMEDU (VILL), AVINANGUDI(PO), TITTAGUDI(TK), CUDDALORE(DT) PIN - 606 112 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b> <b>1)R. VELMURUGAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

I (R..VELMURUGAN) am working as post graduate assistant in physics at government higher secondary-school ,Avinangudi ,Tittagudi(tk),Cuddalore(Dt), Tamilnadu ,India,Pin:606112. Accidentally one day while closing my laboratory door I saw white and dark bands successively on a wall of the laboratory this event induce me to find wavelength of an dark colour and mass of dark matter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3777/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CANDESARTAN CILEXETIL

(51) International classification	:C07D	(71) <b>Name of Applicant :</b> <b>1)OGENE SYSTEMS (I) PVT. LTD.</b> Address of Applicant :#11-6-56, 1ST FLOOR, GSR ESTATES, NEAR IDPL, BALANAGAR, HYDERABAD - 500 037 Andhra Pradesh 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the preparation of substantially pure candesartan cilexetil of formula I, by the deprotection of trityl group of trityl candesartan cilexetil in presence of ecofriendly, low cost heterogeneous catalyst.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2011

(21) Application No.3786/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD OF MANAGEMENT IN A COMMUNICATIONS NETWORK

(51) International classification	:H04L	(71) <b>Name of Applicant :</b> <b>1)NOKIA SIEMENS NETWORKS OY</b> Address of Applicant :KARAPORTTI 3, FI-02610 ESPOO
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	Finland
(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 comprising maintaining a database of unique radio network identifiers within a home node B gateway, wherein the unique radio network identifier uniquely identifies the radio network termination point of user equipment attached to a radio node controlled by the home node B gateway.

No. of Pages : 47 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3807/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/11/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONFIGURABLE COMMUNICATION FOR UTILITY METER

(51) International classification	:H04W	(71) <b>Name of Applicant :</b> <b>1)CHIPMONK TECHNOLOGIES PRIVATE LIMITED</b> Address of Applicant :IIIT-B INCUBATION CENTRE, INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY, 26/C ELECTRONICS CITY (PHASE 1), BANGALORE 560 100 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method are disclosed for handling anomalies in a communications and of choosing best suited communication technology in utility meters. The anomalies may include out of line-of-sight and weak quality-of-signal in wireless and cellular communication technology. The present invention seeks to overcome the disadvantages associated with the anomalies in any of the wireless and cellular communications by providing an economical and configurable alternative. The invention relates to a having multiple communication technologies in smart meter and choosing the right available communication technology automatically depending on installation location constraints ; thus enabling configurability, technology upgrade, less manual interventions and low power consumption. The invention relates to system and method for adding configurable communication capabilities to a utility meter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.3621/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ILLUMINATION SYSTEM AND METHOD

(51) International classification	:A61B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 2010 049 632.4	<b>1)OCULUS OPTIKGERAETE GMBH</b> Address of Applicant :MUEENCHHOLZHAEUSER
(32) Priority Date	:28/10/2010	STRASSE 29, 35582, WETZLAR-DUTENHOFEN Germany
(33) Name of priority country	:Germany	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)GERT KOEST</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 relates to an illumination system (10) and an illumination method for an ophthalmological analysis apparatus, in particular an analysis apparatus for measuring an intraocular pressure in an eye, wherein the analysis apparatus comprises an actuation device (11) with which a puff of air for deforming a cornea (14) can be applied to the eye (12) in the direction of an optical axis (15) of the eye, wherein the illumination system comprises at least one illumination device (23) with which the cornea of the eye can be illuminated by a slit light in such a way that a sectional image (27) can be generated in an illumination plane coinciding with the optical axis, wherein the illumination device is formed so that an illuminating beam path (28) of the illumination device oriented towards the eye is arranged at an angle to the optical axis (15).

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3645/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/12/2010

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ENANTIOMER OF BENZHYDRYL SULFINYL COMPOUND

(51) International classification	:C07C	(71)Name of Applicant :
(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)Name of Inventor :
Filing Date	:NA	<b>1)KORRAPATI VENKATA VARA PRASADA RAO</b>
(87) International Publication No	: NA	<b>2)KOILPILLAI JOSEPH PRABAHR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)INTI VENKATA SUBRAMANYESWARA RAO</b>
Filing Date	:NA	<b>4)BOMMENA HANUMANTHA RAO</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 Armodafinil of Formula (I), in the presence of an activating agent.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FRONT STRUCTURE FOR SADDLE TYPE VEHICLE

(51) International classification	:B62J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-244246	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:29/10/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)TSUKUI, HIROAKI</b> <b>2)SUZUKI, YOSHITAKA</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 :

In a saddle-type vehicle having a structure for guiding a traveling wind toward the rear side of a screen, to provide a technology by which thermal influences on the rider can be alleviated. [Solving Means] A screen stay 40 is integrally provided at its lower portion with a bridge-like section 71 spaced upward from a front cover 36, and has left and right connection sections 61L, 61R extending in the vehicle width direction from the bridge-like section 71 and connected to the side of a body frame at positions on outer sides relative to a fork member 25 in the vehicle width direction. This ensures that the traveling wind guided in via a traveling-wind guide section 48 is permitted to flow between an upper edge of the front cover and the bridge-like section 71 toward the vehicle rear side. A meter 73 for indicating running conditions of the vehicle is supported on the screen stay 40.

No. of Pages : 46 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : BASE PLATE

(51) International classification	:C22C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10189684	<b>1)ABB TECHNOLOGY AG</b>
(32) Priority Date	:02/11/2010	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(33) Name of priority country	:EPO	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)LYDIA FELLER</b>
Filing Date	:NA	<b>2)SAMUEL HARTMANN</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 base plate (34), in particular for a power module (10), comprising a matrix (38) formed of metal, in particular of aluminium, wherein at least two reinforcements (42) are provided in said matrix (38) next to each other, and wherein the reinforcements (42) are spaced apart from each other. Base plates (34) according to the invention enable an improved contact between the base plate (34) and a heat sink (36) and furthermore provide enhanced durability properties.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3804/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHOD FOR SYNCHRONIZED DELIVERY OF EDUCATIONAL CONTENT IN REAL TIME

(51) International classification	:G09B	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)VRITI INFOCOM PVT. LTD.</b>
(32) Priority Date	:NA	Address of Applicant :7/1 SHANTINIKETAN,
(33) Name of priority country	:NA	GOVIDAPURA, BHOPAL, M.P.-462023 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)YOGESH SETH</b>
(87) International Publication No	: NA	<b>2)SWAPNIL SRIVASTAV</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PANKAJ VERMANI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments for delivery of educational content include receiving meta information for encrypted tutorial data, identifying relevant educational data based on the meta information, and displaying the relevant educational data and the tutorial data in real time.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3816/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A METHOD TO OPERATE A REFRIGERANT RECOVERY AND RECHARGE DEVICE

(51) International classification	:F25B	(71) <b>Name of Applicant :</b> <b>1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED</b> Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)PRAVIN SAMUEL</b>
(62) Divisional to Application Number	:NA	<b>2)PRAKASH VERMA</b>
Filing Date	:NA	

(57) Abstract :

A refrigerant recovery and recharge device and a method to operate the same are disclosed. The method to operate the refrigerant recovery and recharge device comprises establishing a connection between a refrigeration equipment and the refrigerant recovery and recharge device, initiating refrigerant recovery from the refrigeration equipment through a refrigerant recovery path, monitoring the pressure in the refrigerant recovery path and indicating an error condition in the refrigerant recovery and recharge device if pressure in recovery path is above a threshold pressure value. The refrigerant recovery and recharge device comprises means to indicate an error condition in the refrigerant recovery and recharge device.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/02/2012

(21) Application No.388/CHE/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CONTROL DEVICE FOR ELECTRIC VEHICLE

(51) International classification	:B62K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-021467	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:03/02/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)HATANAKA, KAORU</b> <b>2)OGAWA, SUMITAKA</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 control device in which a creep speed advance and creep speed backing of an electric vehicle can be simply-operated. [Solution] A mode switch 49 provided with an operating section 54 that can be operated in a longitudinal direction and that can be operated leftward from an intermediate part is provided to a switch case 53 of a handlebar 46. The operating section 54 is automatically returned to a stop position ST in which a speed zero instruction is output to a motor 18 in an unoperated state in which a rider's hand is separated from the operating section with return springs 60, 61. When the operating section 54 is pushed forward, a creep speed advance mode can be selected and when the operating section is pulled backward, a creep speed backing mode can be selected. To clearly discriminate a position of the operating section 54 among the creep speed advance mode, the creep speed backing mode and a normal mode, a stopper 57 is arranged between the stop position ST and the normal mode NM so that larger force is required to operate the operating section 54.

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3888/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PROCESS FOR THE PREPARATION OF ANTICONVULSANT DRUG

(51) International classification	:C07D	(71) <b>Name of Applicant :</b> <b>1)MSN LABORATORIES LIMITED</b> Address of Applicant :FACTORY: SY.NO.317 & 323, RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) - 502 329 Andhra Pradesh 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	: 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 (R)-2-Acetamido-N-benzyl-3-methoxypipronamide represented by the following structural formula-1,

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3890/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR SEPARATION OF AMINOMASS, MINERALS AND CHITIN FROM SILKWORM PUPAE BIOWASTE

(51) International classification	:A23C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAMIL NADU AGRICULTUAL UNIVERSITY Address of Applicant :PROFESSOR AND HEAD, DEPARTMENT OF TRADE AND INTELLECTUAL PROPERTY, TAMIL NADU AGRICULTURAL UNIVERSITY, COIMBATORE - 641 003 Tamil Nadu India
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)R. MURUGESAN 2)G. SASIKALA 3)H.A. MOHAMMED THARIQ 4)A.V. GNANASAMBANDAM 5)S. GUNASEKARAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The silkworm pupae biowaste are rich source of oil, protein, minerals and chitin, and could be utilized effectively by improved ecofriendly techniques. Commonly this nutrient rich byproduct of sericulture is simply discarded as a waste and in some places, it is composted like other wastes. This biowaste is not fully exploited for value addition. The dried and deoiled silkworm pupae biowaste contain 47.40 % and 57.75 % protein, 30.49 % and 0.12 % fat and 7.06 % and 5.58 % of ash respectively. The oil content in the dried pupae (30.49 %) was removed by solvent extraction method and only the de-oiled dried pupae was used for further studies. The protease producing bacteria isolated from the environmental soil samples showed a maximum hydrolysis zone of 0.5 cm and a protease activity of 68.6 Units per ml was used for the deproteinization process to extract the aminomass. By means of optimization it was found that a glucose concentration of 3.5 %, pH of 7 and fermentation time of 168 hour, had achieved maximum deproteinization of 91.82 %. The deproteinization process was carried out in pilot scale fermentor (51 volume) with the optimized conditions of deproteinization and achieved about 89.41% of deproteinization and 33.71% of demineralization. About 2.75 litre of aminomass was filtered from the fermented supernatant and separated out which was one of the value added product. The obtained aminomass was yellowish in colour with pH of 4.69 and known to contain 8 aminoacids viz., threonine (1238.8 mg), arginine (852.31 mg), tryptophan(346.04 mg), histidine (182.08 mg), tyrosine (46.29 mg), aspartic acid (43.15 mg), alanine (14.98 mg) and phenyl alanine (6.84 mg) per 100g of deoiled dried pupae. The lactic acid bacterial isolates were obtained from milk, idli batter, curd and yoghurt samples. Among the isolates, lactic acid bacteria LAB7 showed highest total titratable acidity (0.78 %), compared to rest of the isolates was used for demineralization process. By means of optimization it was found that a glucose concentration of 3.5 %, pH of 5 and fermentation time of 144 hour, had achieved maximum demineralization of 89.67 %.With the optimized parameters for maximum demineralization, the process was carried out in pilot scale fermentor (5 1 volume) and reported 88.95 % of demineralization. Simultaneously 2.70 litre of minerals were filtered and separated out, which was also one of the value added product. Finally, two step scale up of fermentation processes was carried out in 100 litre fermentor involving first with proteolytic fermentation and second with lactic acid fermentation. After the two step fermentation processes, the crude chitin was finally separated out as an additional value added product. The effect of aminomass on the growth of broilers (live weight) was studied which showed that the live weight increased linearly with the increase in dietary treatments and the treatment T4 (feed+100% aminomass) obtained higher live bird weight at the end of final 42 days when compared with control (feed alone without aminomass).

No. of Pages : 30 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3830/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING DOMAIN SPECIFIC COMMENTARY WITH TEXT TO SPEECH ENGINE

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG INDIA SOFTWARE OPERATIONS
(32) Priority Date	:NA	PRIVATE LIMITED
(33) Name of priority country	:NA	Address of Applicant :BAGMANE LAKEVIEW, BLOCK
(86) International Application No Filing Date	:NA	'B', NO. 66/1, BAGMANE TECH PARK, C V RAMAN
(87) International Publication No	: NA	NAGAR, BYRASANDRA, BANGALORE - 560 093
(61) Patent of Addition to Application Number Filing Date	:NA	Karnataka India
(62) Divisional to Application Number Filing Date	:NA	(72)Name of Inventor :
		1)KUMAR, HARENDRA
		2)NANDA, KISHORE SHOBHA
		3)HAZARIKA, MANAS
		4)SINGH, PRASSANITA
		5)NAGARAJU, SAMUDRALA
		6)ABDUL, UBEDURREHMAN
		7)RAPURU, HARI BABU
		8)PALAKSHAPPA, SANDEEP SUMANGALA

(57) Abstract :

A system and method for generating domain specific commentary for messages is disclosed. The method enables to generate commentary for specific domains by employing a TTS engine. The method also employs a domain analysis engine that is provided with the intelligence to identify the domain of the message and apply the rules required for conversion. On obtaining a domain specific message on the communication device of the user the message is automatically chosen for commentary. Further, the message is parsed and explicit parameters are identified. From the explicit parameters the remaining parameters are calculated. Then rules that are specific to the domain are applied. The detailed sentences for the message are generated. This is further passed on to the TTS engine for producing the voice output i.e., commentary for the message.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/02/2012

(21) Application No.386/CHE/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FUSER MEMBER

(51) International classification	:G03G	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/020,453	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:03/01/2011	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTIVUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WU, JIN</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 teachings provide a fuser member. The fuser member includes a substrate layer comprising a polyimide polymer and an alkylthiophosphate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.387/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : WASTE INK RECLAMATION APPARATUS FOR LIQUID INK RECIRCULATION SYSTEM

(51) International classification	:B41J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/020864	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:04/02/2011	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)FRAZIER, ISAAC, S.</b>
(87) International Publication No	: NA	<b>2)PLATT, DAVID, P.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)PARK, DANIEL, C.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ink reclamation receptacle receives ink purged from an inkjet printing apparatus. Ink in the reclamation receptacle wets a porous membrane positioned in the reclamation receptacle, and flows into a flow channel. Negative pressure applied to a port that is placed in fluid communication with the flow channel withdraws ink from the flow channel for use in the inkjet printing apparatus, while ink wetting the pores in the membrane resists a flow of air into the flow channel.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3892/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ANALYSIS DEVICE AND SIMULATION METHOD

(51) International classification	:G06F	(71) <b>Name of Applicant :</b> <b>1)SUMITOMO HEAVY INDUSTRIES, LTD</b> Address of Applicant :1-1, OSAKI 2-CHOME, SHINAGAWA-KU, TOKYO 141-6025 Japan
(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 :

An analysis device that analyzes an object with a predetermined shape is provided which includes a pre-positioned creation unit that creates a system including a plurality of particles, a region specifying unit that specifies a region with the predetermined shape in the system created by the pre-positioned creation unit as a system describing the object, and a numerical calculation unit that numerically calculates a governing equation governing motions of particles in the system describing the object.

No. of Pages : 36 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3917/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : ADVANCED INTEGRATED RECTANGULAR MUFFLER

(51) International classification	:F01N	(71) <b>Name of Applicant :</b> <b>1)ASHOK LEYLAND LIMITED</b> Address of Applicant :NO. 1, SARDAR PATEL ROAD, GUINDY, CHENNAI 600 032 Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Rectangular muffler according to the present invention is employed in the exhaust system of the automobiles for reducing the emission and noise produced by the engine. The rectangular muffler assembly consists of different set of perforated pipes and a diesel oxidation catalyst which helps to avoid the use of additional after treatment devices. The different components are arranged in such a way to obtain maximum flow path and space of expansion for the exhaust gas. This helps for lesser spark propagation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/11/2011

(21) Application No.3942/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR MONITORING AND CONTROLLING A SERVICE LEVEL AGREEMENT

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)INFOSYS 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)Name of Inventor :
(87) International Publication No	: NA	<b>1)ANJANEYULU PASALA</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SUMIT KUMAR BOES</b>
Filing Date	:NA	<b>3)GANESAN MALAIYANDISAMY</b>
(62) Divisional to Application Number	:NA	<b>4)SRIDHAR MURTHY JAYARAM</b>
Filing Date	:NA	

(57) Abstract :

Methods and systems for monitoring and controlling a service level agreement are disclosed. A disclosed embodiment comprises a cloud platform hosting at least one application associated with at least one service level agreement, a monitoring module for collecting at least one metric relating to an application hosted on the cloud platform and terms of a service level agreement associated with each of the one or more metrics, and monitoring the metric collected against a service level objective in the service level agreement. The system may additionally comprise a controlling module for mapping a service level objective to a predefined operation rule, identifying one or more actions to be taken in accordance with the rule, assigning a priority to the one or more actions identified in accordance with the rule; and performing the one or more actions in accordance with the assigned priority of each of the one or more actions.

No. of Pages : 35 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3965/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING ATORVASTATIN AND NICOTINIC ACID

(51) International classification	:C07D 207/00	(71)Name of Applicant : <b>1)TALASILA ESWARA GOPALA KRIHNA MUTHY</b> Address of Applicant :F1, TIRUMAL TOWER, GBC ROAD, BAPATLA - 522 101GUNTUR DIST Andhra Pradesh 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 : <b>1)TALASILA ESWARA GOPALA KRISHNA MURTHY</b> <b>2)HARIPRIYA PUTHOORI</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 floating bilayered tablet comprising immediate release portion comprising atorvastatin or a pharmaceutically acceptable salt thereof and sustained release portion comprising nicotinic acid or a pharmaceutically acceptable salt thereof and one or more pharmaceutically acceptable excipients.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.3974/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHODS FOR ENHANCING PASSWORD AUTHENTICATION AND DEVICES THEREOF

(51) International classification	:G06F 21/00	(71) <b>Name of Applicant :</b> <b>1)INFOSYS LIMITED</b> Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka 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	: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, non-transitory computer readable medium, and apparatus that enhances password authentication includes identifying verification password characters and a location of each of the verification password characters in one of a plurality of rows and one of a plurality of columns of a password matrix in response to received login identifier characters and received password characters from a client computing device. A determination is made whether each of the received password characters and the location of each of the received password characters in the password matrix matches each of the identified verification password characters and the location of each of the identified verification password characters in the password matrix. Access to the client computing device is granted when each of the received password characters and the location of each of the received password characters in the password matrix is determined to match each of the identified verification password characters and the location of each of the identified verification password characters in the password matrix.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/02/2012

(21) Application No.401/CHE/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SOUND SIGNAL PROCESSING APPARATUS, SOUND SIGNAL PROCESSING METHOD, AND PROGRAM

(51) International classification	:G10L 21/00	(71) <b>Name of Applicant :</b> <b>1)SONY CORPORATION</b> Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan
(31) Priority Document No	:2011- 026241	(72) <b>Name of Inventor :</b> <b>1)YUHKI MITSUFUJI</b>
(32) Priority Date	:09/02/2011	
(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 :

A sound signal processing apparatus includes a frequency analysis unit which executes frequency analysis of an input sound signal; a low-frequency envelope calculating unit which calculates low-frequency envelope information as envelope information of a low-frequency band based on a result of the frequency analysis; a high-frequency envelope information estimating unit which applies learned data generated in advance based on a sound signal for learning and generates estimated high-frequency envelope information corresponding to an input signal from the low-frequency envelope information corresponding to the input sound signal; and a frequency synthesizing unit which synthesizes a high-frequency band signal corresponding to the estimated high-frequency envelope information generated by the high-frequency envelope information estimating unit with the input sound signal and generates an output sound signal in which a frequency band is expanded.

No. of Pages : 82 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4032/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : YASH KIRAN

(51) International classification	:H01M 10/00	(71) <b>Name of Applicant :</b> <b>1)M. SRINIVASA RAO</b> Address of Applicant :PLOT NO. 205, SRIRANGA, APARTMENTS, ST. JOHN'S ROAD, SECUDERABAD 500 025 Andhra Pradesh 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)M. SRINIVASA RAO</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 battery operated vehicle having a solar support comprising of an electric motor for propelling the vehicle; a battery connected to the electric motor, the battery comprising series connected battery cells; solar panels each having an output voltage lower than the voltage of the battery; and a charge connection system comprising electrical connection line sets each connecting one of the solar panels in parallel with an individual one of the battery cells while the battery cells remain connected in series, and power is supplied through an infinitely variable electronic speed controller and has inbuilt safety features to guard against voltage fluctuations, auto and power disconnect on applying the rear wheel brake.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.4035/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : BANKING COUPON FOR DEPOSITING MONEY TO AN ACCOUNT USING COUPON  
BANKING METHOD AND SMS TECHNOLOGY

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAVEESH. T.V
(32) Priority Date	:NA	Address of Applicant :RAVEESH. T.V. S/O VIJAYAN.
(33) Name of priority country	:NA	T.P., THACHAPARAMBIL HOUSE, ARUKIZHAYA,
(86) International Application No	:NA	MANJERI POST, ERNADU TALUK, MALAPPURAM
Filing Date	:NA	DISTICT, 676121 Kerala India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)RAVEESH. T.V
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention, in general, relates to banking coupon for depositing money to an account using coupon banking method and SMS technology. Further ,this invention relates to a method of coupon based banking to deposit money to an account from anywhere at anytime using SMS technology; comprising the steps of Print, distribute, activate, deactivate, administer and keep account of the Banking Coupons and customer buys the coupon from bank branches or resellers and sends a SMS to the given number(INBOX) indicating the secret number of the coupon and account number of the recipient Coupon Banking Software in the bank server receives the message from the INBOX validate the coupon and decodes the amount or value of the coupon verifies the account number in collaboration with existing electronic banking system and Coupon Banking Software issues a command to the existing electronic banking software to credit the decoded amount to the verified account number and on successful credit, update the coupon data base to reflect the particular coupon has been utilized and initiate sending SMS to customer indicating transaction details.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.4092/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A METHOD FOR DETECTING STEERING WHEEL MISALIGNMENT IN A VEHICLE

(51) International classification	:B62D	(71) <b>Name of Applicant :</b> <b>1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED</b> Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MANOJ MOHAMED</b>
(62) Divisional to Application Number	:NA	<b>2)KIRANKUMAR TT</b>
Filing Date	:NA	

(57) Abstract :

A method and a device to determine a steering misalignment in a vehicle is disclosed. The method comprises the steps of measuring a steering angle at the steering system of the vehicle, using the measured steering angle to determine an expected yaw angle rate for the vehicle, measuring an actual yaw angle rate of the vehicle, deriving a resultant yaw information from the measured actual yaw angle rate and the determined expected yaw angle rate of the vehicle, determining a steering misalignment from the derived resultant yaw information.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.4093/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A SWITCHING VALVE CONFIGURATION

		(71) <b>Name of Applicant :</b> <b>1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED</b> Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka India
(51) International classification	:F01N	
(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 :

A switching valve configuration (500) for controlling of the delivery of an aqueous solution between a tank (100), a pump (200) and a dosing module (300) equipped in an exhaust path of a vehicle is disclosed. The switching valve configuration (500) comprises four switching valves (10, 20, 30, 40) wherein a first set (20, 30) of the switching valves, connected together (101, 102, 103, 104) and adapted to deliver the aqueous solution from the tank (100) to the dosing module (300) through the pump (200) and a second set (10, 40) of the switching valves, connected together (101, 102, 103, 104) and adapted to deliver the aqueous solution from the dosing module (300) to the tank (100) through the pump (200).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.4154/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : RESHAPING HEAT RELEASE PATTERN OF DIESEL COMBUSTION TO REDUCE NOX

(51) International classification	:F01N	(71) <b>Name of Applicant :</b> <b>1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED</b> Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)VARADHARAJAN R</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A heat absorbing unit (100) for reducing NOX from the exhaust gas of an internal combustion engine, said unit (100) comprising a heating element (10) and a cooling element (20); said heating element (10) and the cooling element (20) are separated by a vacuum gap (30); said heating element (10) adapted to absorb heat from the combustion and transfer to the cooling element (20) when the temperature of the combustion is above a NOX formation threshold temperature (80).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4166/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A METHOD OF CONTROLLING A BRUSHLESS DC MOTOR

(51) International classification	:H02K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 60095	<b>1)MESSIER-BUGATTI-DOWTY</b>
(32) Priority Date	:06/12/2010	Address of Applicant :Inovel Parc Sud 78140 Velizy Villacoublay France
(33) Name of priority country	:France	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)FARID Anas</b>
Filing Date	:NA	<b>2)ANNEE Etienne</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 a method of powering at least one brushless DC electric motor (1) having a plurality of phases for powering the method including the steps of associating a static contactor (10) with the motor for taking input voltage pulses and delivering polyphase voltage pulses to the motor in a manner that is servo-controlled to the angular position of the rotor of the motor and for generating from a DC voltage source voltage pulses (Upulse) of frequency that is fixed and at a duty ratio that is controllable thereby forming the input voltage pulses to the static contactor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4174/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND APPARATUS FOR AN ELECTRICAL INTERFACE

(51) International classification	:B65B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/959650	<b>1)NOKIA CORPORATION</b>
(32) Priority Date	:03/12/2010	Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Matti Juhani Naskali</b>
(87) International Publication No	: NA	<b>2)Heikki Sakari Paananen</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with an example embodiment of the present invention, an apparatus, comprises an energy storage device having an interface and at least one terminal, the interface having first and second surfaces, the first surface having at least one first surface opening and the second surface having at least one second surface opening, wherein the at least one first surface opening allows access to the at least one terminal, wherein the at least one second surface opening allows access to the at least one terminal, and wherein the at least one first surface opening is distinct from the at least one second surface opening.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4175/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A METHOD OF GENERATING SECURE TOKENS AND TRANSMISSION BASED ON (TRNG) GENERATED TOKENS AND SPLIT INTO SHARES AND THE SYSTEM THEREOF

(51) International classification	:G06F	(71) <b>Name of Applicant :</b> <b>1)INTEGRITA COMPUTING SYSTEMS INDIA PRIVATE LIMITED</b> Address of Applicant :55, ROAD NUMBER-3, PRASHASHANT NAGAR, JUBLIEE HILLS, HYDERABAD - 500 033 Andhra Pradesh 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	: 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 generating secure tokens and transmission based on (TRNG) generated tokens and split into shares, the method comprising steps of generating the keys by a hardware based True Random number Generator (TRNG); sieving / filtering the generated keys using statistical tests suite and are orthogonal amongst the created; selecting the random numbers of required width as tokens; applying number to image transformation for the said tokens; applying steganography methods of injecting into image carrier to the selected tokens; and splitting the steganographic contents into at least two shares using Share Generation Appliance (SGA), which is based on visual cryptographic methods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4178/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : CARRIAGE-TYPE CONVEYING APPARATUS AND STEERING CONTROL METHOD THEREOF

(51) International classification	:B62D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-273520	<b>1)DAIFUKU CO., LTD.</b> Address of Applicant :2-11, MITEJIMA 3-CHOME, NISHIYODOGA WA-KU, OSAKA-SHI, OSAKA 5550012
(32) Priority Date	:08/12/2010	Japan
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No Filing Date	:NA :NA	<b>1)NISHIHARA, SHIGEYOSHI</b> <b>2)OMOTO, KOSUKE</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A steering control method of a carriage-type conveying apparatus in which a tractor 1 towing a conveying carriage 2 with direction-fixed wheels 6 is configured to be turnable left and right about a vertical shaft body 25 with respect to the conveying carriage 2, the method including the successive steps of stopping the tractor 1 in a state where the conveying carriage 2 reaches a terminal end of a traveling path, turning the tractor 1 about the vertical shaft body 25 to a perpendicular and horizontal posture, by forward traveling of the tractor 1, turning the conveying carriage 2 to a perpendicular and horizontal posture with respect to the traveling path with a central position between the paired direction-fixed wheels 6 as a turning center, and turning the tractor 1 about the vertical shaft body 25 in an opposite direction.

No. of Pages : 45 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.4183/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ENGINE MOUNTING ASSEMBLY AND DRIVETRAIN PACKAGING OF A LOW FLOOR FRONT ENGINE BUS

(51) International classification	:F16L	(71) <b>Name of Applicant :</b> <b>1)ASHOK LEYLAND LIMITED</b> Address of Applicant :NO. 1, SARDAR PATEL ROAD, GUINDY, CHENNAI 600032 Tamil Nadu 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	: 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 discloses a low floor front engine vehicle. The configuration of an engine assembly (304), a gearbox assembly (602), a drive-shaft (606), and a rear axle (712), in combination enables to achieve sufficient ground clearance and higher lower low floor area on saloon. The engine assembly is disposed at the front on a pair of parallelly spaced frame rails (102,104) at a significantly higher position with a mounting bracket unit. The mounting bracket unit includes a pair of unsymmetrical rear mounting brackets (106,108) and a pair of symmetrical front mounting brackets (112). The engine and gearbox assembly are inclined with the horizontal plane at 4 degree power angle. The drive-shaft is configured in four pieces and is positioned within a top flange 120 and a bottom flange 116 of the frame rails substantially parallel to it. The rear axle includes a smaller crown wheel casing and drives the low-floor vehicle.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.4061/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHOD FOR COMPRESSION OF FLUIDS

(51) International classification	:F04B 43/00	(71) <b>Name of Applicant :</b> <b>1)GENERAL ELECTRIC COMPANY</b> Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(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)SONI, SUNILKUMAR ONKARNATH</b>
(87) International Publication No	: NA	<b>2)TAMMA, BHASKAR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SEELEY, CHARLES ERKLIN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fluid compressor for compressing fluids and a method for operating the same are provided. The fluid compressor includes a compression chamber with an inlet for the fluid and an outlet for compressed fluid. The fluid compressor further includes a piston disposed within the compression chamber. The fluid compressor includes a driving system that includes piezoelectric actuator configured to cause displacement of the piston in the compression chamber. The driving system further includes an amplifying element that is coupled to the piezoelectric actuator in the direction of the movement of the piston to enhance the displacement of the piston caused by the piezoelectric actuator. One end of the amplifying element is fixed to a base of the fluid compressor and the piezoelectric actuator is disposed between the amplifying element and the piston.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4180/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : IMAGE PROCESSING DEVICE, IMAGE REPRODUCTION DEVICE, AND IMAGE REPRODUCTION SYSTEM

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:P2010-275976	<b>1)SONY CORPORATION</b> Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO Japan
(32) Priority Date	:10/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)TORU NAGARA</b> <b>2)TOMOYA YAMAURA</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 :

According to an illustrative embodiment, a data transmission device is provided. The device includes a communication unit for transmitting data to a receiver and transmitting data having a changed characteristic to the receiver, wherein when transmitting the data the device transmits timing information to the receiver indicating a time that the device will begin transmitting the data having a changed characteristic.

No. of Pages : 39 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.4192/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : 3D VIEWING ON TRUE COLOUR LED VIDEO DISPLAY SCREENS THROUGH REAL TIME LIVE VIDEO CAPTURE & PROCESSING

(51) International classification	:H04N	(71) <b>Name of Applicant :</b> <b>1)MIC ELECTRONICS LIMITED</b> Address of Applicant :A-4/II, ELECTRONIC COMPLEX KUSHAIGUDA, HYDERABAD-500062 Andhra Pradesh 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

3D viewing on True Colour LED Video Displays is realised through live video capture with two video cameras specially assembled to resemble the two eyes of a human being and processing and merging the images in real-time for generating 3D content for the LED display device; and viewing the content through a specially designed eye-wear. Using the state-of-the-art 2 Mega pixel portable webcams fitted to a fixed stand with rigid optical alignment resembling human eye-balls, the live video is captured simultaneously from both Left and Right eye cameras. The frames so captured are processed by applying proprietary 'Adaptive Color Coding Techniques' on each of the frames. The resultant frames are displayed on the target LED screen either of Standard aspect ratio of 4:3 or of Wide Screen aspect ratio of 16:9. Viewers wearing Special Adaptive Color Coding Spectacles can view the content on the LED screen in 3D mode. Proprietary indigenous solutions are employed to meet (Capturing, Processing and Displaying) resolutions of QVGA, VGA, SVGA and HD modes, both in standard / widescreen formats, with 25 frames per second (fps). The principle can be extended to higher Frame rates and to other resolution modes; to develop 3D LED Display viewable with naked eyes (without spectacles); and also to deploy dynamic stereoscopic techniques to display 2D content in 3D. When proprietary 4-in-1 RGBY chip LEDs are used in the display (in place of 3-in-1 RGB chip LEDs), the picture quality improves drastically (manifold). Several embodiments of 3D viewing techniques on the conventional 2D True Colour LED Video Displays were discussed in the prior art - in which schemes of content processing, Display device enhancements and viewing methodologies have been adopted in order that a viewer can experience the joy of seeing a 3D video content. Virtual 3D effects have been simulated and demonstrated on multiple segments of 2D display screens arranged in succession with the depth dimension in between. Manifestation of 3D in the True Colour LED Video Displays has also been achieved by means of deploying a proprietary 4-in-1 RGBY chip LED in the display screens which encompasses the depth dimension of the image in addition to the colour, thereby augmenting the display with 3D capabilitiesPresent invention is based on the deployment of proprietary colour coding processes to develop the 3D content from 2 live camera inputs positioned precisely with a distance between them equal to the distance between the two eyes of a typical human being and feed to the True Colour LED Video Display screen or an LED TV; and use colour polarised eye-glasses for viewing 3D videos on the screens. In this method, two distinct frames produced from the two cameras, are processed and merged simultaneously to produce the effect of 3D and are presented to the two eyes by means of a pair of colour polarised filters. The viewer wears glasses of two different colour polarisations; the glasses pass two different images to the two eyes at any moment, together producing a 3D effect.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4186/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : I - AUTOSOFT INTELLIGENT AUTOMOBILE SOFTWARE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SRINIVAS. M. D.</b>
(32) Priority Date	:NA	Address of Applicant :D-32-11, IIT CHENNAI-36 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	<b>2)KAAMINI. M.D.</b>
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)SRINIVAS. M. D.</b>
(61) Patent of Addition to Application Number	:NA	<b>2)KAAMINI. M.D.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The voice enabled features in the car allows the driver to have a sheer driving pleasure by controlling the appliances without moving his hand from the steering. Also the car is allowed to speak about any fault or failures, the driver gets even more attention to his roads rather than having his attention also to dashboard. This could rather prevent the accidents too. However the cost of these featured car namely the Audi Q7 is nearly 40 lakhs in Indian value which is quite a huge ransom, while Indian born cars like Tata and Maruthi having none of these features are preferred by most of the people in India because of its cost. The project I-Autosoft is focused on the development of these voice features inside the car in the view of implementing in all the native cars at low cost.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.4187/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND APPARATUS FOR ANALYZING SAMPLES OF METAL MELTS

(51) International classification	:G01N :10 2010	(71) <b>Name of Applicant :</b> <b>1)Heraeus Electro-Nite International N.V.</b> Address of Applicant :Centrum Zuid 1105 B-3530 Houthalen Belgium
(31) Priority Document No	053 710.1- 52	(72) <b>Name of Inventor :</b> <b>1)SONG Lihuan</b> <b>2)SONG Lihuan</b> <b>3)KNEVELS Johan</b> <b>4)BROEKMAN Gerrit</b>
(32) Priority Date	:07/12/2010	
(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 :

The invention relates to a method for analyzing samples of metal melts wherein a sample is taken from a metal melt using a sampler having a sample chamber and which is constructed as an immersion lance and comprises transporting the sample from the sampler through a transport conduit to the sphere of action of an analytical device and analyzing the sample there using the analytical device.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4189/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD&NBSP; APPARATUS AND COMPUTER PROGRAM PRODUCT FOR CAPTURING IMAGES

(51) International classification	:H04N	(71) <b>Name of Applicant :</b> <b>1)NOKIA CORPORATION</b> Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland
(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 :

In accordance with various example embodiments, methods, apparatuses, and computer program products are provided. A method comprises receiving a panchromatic image of a scene captured from a panchromatic image sensor, receiving a colour image of the scene captured from a colour image sensor, and generating a modified image of the scene based at least in part on processing the panchromatic image and the colour image. The apparatus comprises at least one processor and at least one memory, configured to, cause the apparatus to perform receiving a panchromatic image of a scene captured from a panchromatic image sensor, receiving a colour image of the scene captured from a colour image sensor, and generating a modified image of the scene based at least in part on processing the panchromatic image and the colour image.

No. of Pages : 44 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.4200/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : TECHIE TABLE

(51) International classification	:B63B	(71) <b>Name of Applicant :</b> <b>1)SIJO JOSE A.</b> Address of Applicant :AYYAMKULAM HOUSE, THOTTAKARA P.O. OTTAPALAM, PALAKKAD - 679 102 Kerala 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The need for the compactness is becoming a challenge in the present today. Every day the life style of the present generation is advancing in which the compromising in the case of space is not acceptable. So what the present market and customers look forward today is more compact and multipurpose equipments. The consumption of space occurs in various sectors of living. Since the population is increasing and many of the people want to live in metros, people have to live in small houses or flats where the space is a major constraint. This motivated us to develop a house holding device which can serve the user different functions. Thus the concept of TECHIE TABLE came. The techie table is designed in such a manner that it can be customized according to the various necessities required by the user. This can alter its structure into a park bench, dining table and mini cot. This can be also assembled and disassembled very easily and this also helps in easy transportation. Various models and different materials can be used for its production makes it suitable for different environments.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.4193/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AUTOMATIC PROFILE CHANGER FOR MOBILE PHONES

(51) International classification	:H04M	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b> Address of Applicant :Bagmane Lakeview Block B No. 66/1 Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore 560093 Karnataka 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	: 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 for automatically switching profiles in mobile phones based on the environment of a user is disclosed. The method takes into consideration various parameters for changing the profile. The parameters include acoustic parameters accelerometer parameters network strength and clock time. Based on all these measured parameters the method builds a graphical model. The graphical model is trained for different profiles. Further as and when the environment of the user changes the parameters change. Based on these parameters the graphical model is employed to analyze the probability of different states or profiles. Accordingly the mobile phone is switched from one profile to another automatically.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.4205/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PORTABLE ELECTRONIC DEVICE INCLUDING TOUCH-SENSITIVE DISPLAY

(51) International classification

:G06F

(31) Priority Document No

:10194708.3

(32) Priority Date

:13/12/2010

(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)GRIFFIN JASON TYLER**

(57) Abstract :

According to one aspect, a portable electronic device includes a body having a front face, a touch-sensitive display exposed at the front face of the body, a keyboard at the front face, the keyboard associated with a first plurality of characters excluding numerical characters, such that keys of the keyboard are each associated with a respective single one of the first plurality of characters, a memory, and a processor. The processor is coupled to the touch-sensitive display, the keyboard, and the memory to execute a program stored in the memory to cause the portable electronic device to display a second plurality of characters utilizing the touch-sensitive display in response to receipt of an input to display the second plurality of characters.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.4206/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : NOVEL CRYSTALLINE DARUNAVIR AND PROCESS FOR ITS PREPARATION

(51) International classification	:C07B	(71) <b>Name of Applicant :</b> <b>1)MYLAN LABORATORIES LTD</b> Address of Applicant :PLOT NO 564/A/22, ROAD NO 92, JUBILEE HILLS, HYDERABAD - 500 033 Andhra Pradesh 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	: 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 non-solvated crystalline Darunavir, process for its preparation and pharmaceutical composition comprising it. The present invention also relates to a process for the preparation of amorphous Darunavir from a non-solvated crystalline Darunavir.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4216/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : COMPONENT FOR ELECTRONIC APPARATUS

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-273574	<b>1)DENSO CORPORATION</b> Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY, AICHI-PREF., 448-8661 Japan
(32) Priority Date	:08/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)KAGAMI, SHU</b> <b>2)KONDO, JUN</b> <b>3)SERIZAWA, KAZUFUMI</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 component for an electronic apparatus has an insulating member (5) that has a plurality of through holes (53) in parallel in which the lead wires (7) are inserted and a shield cover (3) in which an insulating member insertion hole (31) where the insulating member (5) is inserted is formed that cut offs an electrical noise. The insulating member (5) is formed in an integrated shape where parts of adjoining cylindrical parts in which the through holes (53) are formed overlapping mutually when seen along an axial direction of the through hole. The insulating member insertion hole (31) becomes a single hole formed identical to an outer shape of the insulating member (5) when seen along the axial direction of the through hole.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.4217/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ELECTRICAL WIRING STRUCTURE

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-273575	<b>1)DENSO CORPORATION</b> Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY, AICHI-PREF., 448-8661 Japan
(32) Priority Date	:08/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)KONDO, JUN</b> <b>2)SERIZAWA, KAZUFUMI</b> <b>3)KAGAMI, SHU</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 electrical wiring structure of connecting between a first component 1 and a second component 2 with at least four lead wires 3 includes the first component 1 provided with first insertion portions 15 in which the lead wires 3 are inserted, and the first insertion portions 15 are arranged in two lines and j columns, and the second component 2 provided with second insertion portions 21 in which the lead wires 3 are inserted, and the second insertion portions 21 are in two lines and j columns. Ends of a pair of lead wires 3 are inserted into the first insertion portions 15 and other ends of the pair of lead wires 3 are inserted into the second insertion portions 21 after crossing at an intermediate part.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.4202/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : WIRE TRANSPORTATION

(51) International classification	:D07B	(71) <b>Name of Applicant :</b> <b>1)MR. GIRISH CHANDRA KUMAR</b> Address of Applicant :NO 30, 1ST CROSS, GNANABHODINI ROAD. RAMAJYOTHI NAGAR, R.V.C.E POST, KENGERI, BANGALORE - 560 059 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention proposes a new form of transportation, called wire transportation. Though wires or ropes were used in earlier days too, this invention proposes, to have a network of ropes, i.e. many ropes connected, which may span the whole globe. And using that network of ropes, many vehicles travel, from any point to any given point on geography where the wires are laid, by changing the ropes, doing traffic management etc. and they travel carrying goods or people, without a driver, but with the routing map loaded in to them.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.4210/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A DIFFERENTIATED PULL-OUT CHEST OF DRAWERS

(51) International classification	:A47B	(71) <b>Name of Applicant :</b> <b>1)FAMI S.R.L.</b> Address of Applicant :VIA STAZIONE ROSSANO 13, 36027 ROSA (VICENZA) Italy
(31) Priority Document No	:MO2010A000354	
(32) Priority Date	:16/12/2010	
(33) Name of priority country	:Italy	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)TOSIN, GIUSEPPE</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 differentiated pull-out chest of drawers (1), comprising: a containment frame (2) for at least one drawer (6), which is movable between a closed position in which it is contained within the volumetric dimensions of said frame (2) and an open position in which it projects out from said frame (2) to a preset length; moving means (8) of the drawer (6), interposed between a pair of side uprights (3) of the frame (2) and said drawer (6) to make the drawer (6) slidable between the closed position and the open position; and an adjusting member (12) of the open position of the drawer (6) to determine the preset length of projection of the drawer (6) from the frame(2).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.4211/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : MULTI-FUNCTION ENCODER AND DECODER DEVICES, AND METHODS THEREOF

(51) International classification	:G06F	(71) <b>Name of Applicant :</b> <b>1)VIXS SYSTEMS, INC.</b> Address of Applicant :1210 SHEPPARD AVENUE E, SUITE 800 TORONTO, ONTARIO, M2K 1E3 Canada
(31) Priority Document No	:12965109	
(32) Priority Date	:10/12/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)HONG EDWARD</b>
(87) International Publication No	: NA	<b>2)WANG, HONGRI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)LIU, DONG</b>
Filing Date	:NA	<b>4)YANG, KAI</b>
(62) Divisional to Application Number	:NA	<b>5)LAKSONO, INDRA</b>
Filing Date	:NA	<b>6)YOUNG, ERIC</b>
		<b>7)ZHAO, XU GANG (WILF)</b>

(57) Abstract :

A technique for encoding and decoding video information uses a plurality of video processing modules (VPMs), whereby each video processing module is dedicated to a particular video processing function, such as filtering, matrix arithmetic operations, and the like. Information is transferred between the video processing modules using a set of first-in first-out (FIFO) buffers. For example, to transfer pixel information from a first VPM to a second VPM, the first VPM stores the pixel information at the head of a FIFO buffer, while the second VPM retrieves information from the tail of the FIFO buffer. The FIFO buffer thus permits transfer of information between the VPMs without storage of the information to a cache or other techniques that can reduce video processing speed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4213/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : PCB TERMINAL AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:H01F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-272088	<b>1)KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)</b> Address of Applicant :10-26, WAKINOHAMA-CHO 2-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan
(32) Priority Date	:07/12/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MASAGO, YASUSHI</b>
(87) International Publication No	: NA	<b>2)TAIRA, KOICHI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MITSUI, TOSHIYUKI</b>
Filing Date	:NA	<b>4)KAKUMOTO, JUNICHI</b>
(62) Divisional to Application Number	:NA	<b>5)NISHIMURA, MASAYASU</b>
Filing Date	:NA	

(57) Abstract :

The invention forms a Sn coating layer and a Cu-Sn alloy coating layer having a suitably controllable planar shape in a PCB terminal. A group of Sn coating layers being as a plurality of essentially parallel lines is formed as the surface coating layer, and a Cu-Sn alloy coating layer 2 is exposed on the outermost surface on both sides of Sn coating layers each constituting the group of Sn coating layers. The Sn coating layers have a width of 1 to 50 0 µm, an interval between adjacent Sn coating layers is 1 to 200 00 µm, and an outermost maximum height roughness in a terminal insertion direction is at most 10 µm.

No. of Pages : 101 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4214/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ANGLED ARRAY SENSOR METHOD AND SYSTEM FOR MEASURING MEDIA CURL

(51) International classification	:B65H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/963,002	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:08/12/2010	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DEJONG, JOANNES N M</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 system for accurately measuring a lead edge and a trail edge media curl utilizing an angled array sensor. One or more curled media sheets can be propelled in a process direction via a set of rollers/nips associated with a curler from a leading edge and/or trailing edge towards the angled array sensor. The angled array sensor having a rotation vector in the cross-process direction can be placed upstream or downstream of a media-propelling device and at an angle relative to the media sheet exiting the curler in order to calculate a function of sheet curl. The function of sheet curl can be obtained by measuring a point at which the propelled media sheet touches an array associated with the angled array sensor. Such a curl measurement approach enhances accuracy and robustness to environmental induced errors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4219/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : BRAKE DEVICE FOR MOTORCYCLE

(51) International classification	:B60T	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-274025	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:08/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)NISHIKAWA, YUTAKA</b> <b>2)TODA, MAKOTO</b> <b>3)TANI, 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 :

To provide a brake device for a motorcycle which can be made more compact. [Solving Means] Disclosed herein is a brake device 50 for a motorcycle including a brake pedal 19 rotatably supported to a support shaft 52 and extending frontward from the support shaft 52 in the longitudinal direction of the motorcycle, a master cylinder 53 located on the rear side of the support shaft 52 in the longitudinal direction of the motorcycle for generating a braking hydraulic pressure according to the rotational operation of the brake pedal 19, and an operational amount detector 54 mechanically connected to the brake pedal 19 for detecting the rotational amount of the brake pedal 19. The master cylinder 53 is located above the support shaft 52 in such a manner that the axis 53a of the master cylinder 53 extends vertically, and the operational amount detector 54 is located on the rear side of the support shaft 52 in the longitudinal direction of the motorcycle. [Effect] The master cylinder is arranged vertically, so that the master cylinder and the operational amount detector can be densely arranged in the longitudinal direction of the vehicle. Accordingly, a more compact brake device for a motorcycle can be provided.

No. of Pages : 41 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4223/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : A DEVICE FOR BRAKING/DRIVING AN AIRCRAFT WHEEL

(51) International classification	:B64C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 600093	<b>1)MESSIER-BUGATTI-DOWTY</b>
(32) Priority Date	:06/12/2010	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)NIERLICH, FLORENT</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 a device for braking/driving an aircraft wheel mounted to rotate on an undercarriage axle, the device comprising: a stack of disks (116) comprising disks that are constrained in rotation with the wheel and that alternate with disks that are constrained in rotation with a torsion tube (106); a support member (104) mounted to rotate on the axle and constrained in rotation with the torsion tube; braking actuators (110) carried by the support member for selectively pressing the disks together; and a drive member (130) for selectively driving the support member in rotation; the support member carrying a secondary (120) of a transformer having a primary (121) arranged facing the support member while being stationary in rotation, the secondary being electrically connected to the actuators and the primary being adapted to being connected to a non-DC voltage source.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.4230/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SATELLITE NAVIGATION SYSTEM FOR OPTIMAL TIME TO FIRST FIX USING CODE AND CARRIER DIVERSITY

(51) International classification	:G01S	(71) <b>Name of Applicant :</b> <b>1)ACCORD SOFTWARE &amp; SYSTEMS PVT. LTD.</b> Address of Applicant :NO. 37, K R COLONY, DOMLUR LAYOUT, BANGALORE - 560 071 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A satellite navigation receiver and method for enhancing time to first fix are provided. The receiver comprises a radio frequency (RF) translator, correlator blocks, and a navigation data processor. The RF translator conditions navigation signals over carrier frequencies. The correlator blocks comprise a predetermined number of correlator channels configured for the carrier frequencies. The predetermined number of correlator channels is divided for parallel collection of sub-frames of navigation data across one or more operation service codes. The sub-frames of navigation data are collected across one or more operation service codes and on one of the carrier frequencies. The sub-frames of navigation data are collected across the carrier frequencies and on one of the operation service codes. The sub-frames of navigation data are collected across the carrier frequencies and across the operation service codes. The navigation data processor processes the parallelly collected sub-frames to estimate position of the satellite navigation receiver.

No. of Pages : 71 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.4237/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND SYSTEM FOR EFFECTIVE PATTERN COMPRESSION

(51) International classification	:G06F	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED</b> Address of Applicant :Bagmane Lakeview Block B No. 66/1 Bagmane Tech Park C V Raman Nagar Byrasandra Bangalore 560093 Karnataka 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	: 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 effective pattern compression is disclosed. The present invention relates to the field of data compression and more particularly to compression of digital data independent of input data-set characteristics. Present data compression technologies utilize dictionary lookup algorithm. The data-set which constitutes the dictionary often involves huge number of text/patterns etc. The compression technique designed for a particular language seems to be effective. However present techniques are not efficient in compression of data irrespective of the language or character set. Further storing of patterns in a compressed form using any conventional methods of dictionary compression does not prove effective due to the peculiarities of patterns. The proposed invention provides a method for compressing the pattern database using perfect minimal hash functions independent of the input data-set characteristics. Further an auxiliary data calculation model is provided to minimize false positives.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.4245/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : A STAND-BY POWER SAVING REMOTE CONTROLLED STABILIZER

(51) International classification	:G01N	(71) <b>Name of Applicant :</b> <b>1)M/S V-GUARD INDUSTRIES LTD.</b> Address of Applicant :33/2905 F, VENNALA HIGH SCHOOL ROAD, VENNALA P.O., KOCHI - 682 028 Kerala 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	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A new Stand-by Power Saving Remote Controlled Stabilizer consisting of an IR sensor used to sense the IR signals coming from IR remote, Microcontroller used to control all the functions of stabilizer, Relays & Transformer for Automatic Voltage Regulation (AVR), Switched Mode Power Supply (SMPS) for power supply, MOV and Fuse for protection, Output Socket to deliver Output power, LEDs for indication and a switch for operation which will saves the Stand-by power of TV, connected equipments and the Stabilizer itself by providing isolation from mains power supply.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.4246/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : VEHICLE ILLUMINATION CONTROL SYSTEM

(51) International classification	:G03F	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :JAYALAKSHMI ESTATES• , NO.29 (OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil Nadu 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	: 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 control mechanism for illumination system of a vehicle. This mechanism has an electrical supply system, a pulse generator used to generate a pulse signal on intervention of an activation switch. A speed sensor unit is secured over engine and is used to sense engine speed. Microcontroller unit of said system generates activation signal(s) based upon predefined collective input from mentioned pulse generator and speed sensor unit. A switching unit is used in said control mechanism and is configured to receive input from microcontroller unit and a load cluster to be operated based upon activation of said switching unit. This system enables the automatic reset of illumination lamp and ensures that the lamp doesn't turn on without human intervention. Claimed control mechanism for illumination system of the vehicle ensures improved efficiency and longer battery life of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.4248/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AN APPARATUS AND METHOD OF AUDIO STABILIZING

(51) International classification	:H04R	(71) <b>Name of Applicant :</b> <b>1)NOKIA CORPORATION</b> Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland
(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 :

A method comprising: determining a spatial audio signal; determining an apparatus motion parameter; and stabilizing the spatial audio signal dependent on the apparatus motion parameters.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4250/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CRICKET BALL LAUNCHING MACHINE

(51) International classification	:A63B	(71) <b>Name of Applicant :</b> <b>1)Tokutake Shigeru</b> Address of Applicant :6762 Naktsu Aikawa Machi Aiko Gun Kangawa Ken Japan
(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 :

In view of foregoing an embodiment herein provides a ball launching machine includes a ball stocker 101 for stocking the balls to be pitched a ball transfer tube 102 for the balls to be transferred from the ball stocker 101 to the ball supporting structure (not shown) a pitching arm 103 for providing the arm-motion of a bowler a motor drive 104 for rotating the pitching arm 103 a vibration absorber 105 for absorbing the vibrations of the machine thus providing stability a vertical axis adjustment dial 106 for adjusting the length of the pitched ball an operation switch 107 for operating the machine a horizontal-axis adjustment dial 108 for controlling the traverse direction of the ball and controlling the motion direction of the pitching arm a height adjustment mechanism 109 wherein height of the machine can be adjusted to imitate the height of a bowler and plurality of wheels particularly tyres 110 to move the machine easily.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2011

(21) Application No.4251/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : DEPOSITION OF THERMOELECTRIC MATERIALS BY PRINTING

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:1004815	<b>1)COMMISSARIAT A L'ENERGIE ATOMIQUE ET</b>
(32) Priority Date	:10/12/2010	<b>AUX ENERGIES ALTERNATIVES</b>
(33) Name of priority country	:France	Address of Applicant :25 RUE LEBLANC, BATIMENT LE
(86) International Application No	:NA	PONANT D, F-75015 PARIS France
Filing Date	:NA	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)NAVONE, CHRISTELLE</b>
(61) Patent of Addition to Application Number	:NA	<b>2)SOULIER, MATHIEU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for producing a layer of thermoelectric material with a thickness comprised between 50 µm and 500 µm on a substrate comprises preparing (F1) an ink comprising the thermoelectric material, a solvent and a binding polymer material, depositing (F2) a layer of ink on a substrate, heating (F3) the layer of ink to evaporate the solvent, compressing (F4) the layer and performing (F5) heat treatment to eliminate the binding polymer material. Deposition (F2) of the layer of ink is performed by pressurized spraying under conditions such that the solvent is partially evaporated before reaching the substrate.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4254/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : GEM POSITIONING AND ANALYSIS SYSTEM

(51) International classification	:G01J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/477,267	<b>1)GEMEX SYSTEMS, INC.</b>
(32) Priority Date	:20/04/2011	Address of Applicant :6040A WEST EXECUTIVE DRIVE
(33) Name of priority country	:U.S.A.	MEQUON, WISCONSIN 53092 U.S.A.
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WAGNER, RANDALL</b>
(87) International Publication No	: NA	<b>2)SCHOECKERT, KURT P.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A gemstone positioning and analysis system is disclosed for measuring various characteristics of a gemstone. The system includes a narrow band spectrophotometer that allows the authenticity of the gemstone to be determined along with other characteristics of the gemstone. A clear mounting plate is also included that has a series of markings to facilitate centering the gemstone within an analysis chamber. An alignment device is included that has at least one linear pusher and is adapted to automatically center the gemstone at the centermost point of the clear mounting plate.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4256/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD OF LOCATING FAULTY DEVICE AUTOMATICALLY IN AN AUTOMATION SETUP AND SYSTEM THEREOF

(51) International classification	:G01C	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-
(33) Name of priority country	:NA	92500 RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)MANIKANDAN T.S.</b>
(87) International Publication No	: NA	<b>2)NARESH PONNAM</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MAYANK KULSHRESTHA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a method and a system of locating a faulty device automatically in an automation setup. The method includes receiving a notification of a faulty device automatically at a display device. The address of the faulty device is obtained from a control unit in the automation setup. The location of the faulty device is determined from a commissioning diagram of the automation setup. The user location is determined by GPS communication. The navigation route from the user location to the faulty device location is displayed automatically on the commissioning diagram at the display device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4257/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :07/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : MOVABLE CONTACT FOR SWITCHING

(51) International classification	:H01H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-275304	<b>1)FUJI ELECTRONIC INDUSTRIES, LTD.</b> Address of Applicant :8-1, TOSHINDEN 4-CHOME, SURUGA-KU, SHIZUOKA-SHI, SHIZUOKA-KEN 421-0112 Japan
(32) Priority Date	:10/12/2010	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MASUDA, MASAZI</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 prevents a dome-shaped movable contact (1) for switching from being deformed beyond necessity, and also prevents a contactor (2) from being poorly recovered in advance. The movable contact (1) for switching comprises a reversely recoverable contactor (2) formed by curving an electrically conductive leaf material into a dome-like shape while forming a bulge (5) at the center of a convex surface (3) of the contactor (2), the bulge (5) protruding toward a dome-shaped convex side, a plurality of contact points (6) formed by forming small projections concentrically positioned around the bulge (5), on a concave surface (4) of the contactor (2), the small projections protruding toward a dome-shaped concave side, and a recess (7) for use in prevention of deformation, on a convex side face of the bulge (5), formed by depressing a part of the circumference of the bulge (5), on a straight line connecting the center of the bulge (5) with each of the contact points (6), toward the center.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4261/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : SHEET-FORM PREPARATION AND METHOD FOR PRODUCING THE SAME

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-276189	<b>1)NITTO DENKO CORPORATION</b> Address of Applicant :1-2 Shimohozumi 1-chome Ibaraki-shi OSAKA 567-8680 Japan
(32) Priority Date	:10/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)Daisuke Asari</b> <b>2)Takuya Shishido</b> <b>3)Mitsuhiko Hori</b> <b>4)Toshihiko Okazaki</b> <b>5)Tatsuya Konishi</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 provides a sheet-form preparation that can be easily dissolved intraorally, allows the dissolution time thereof to be easily controlled, and can stably contain an allergenic protein from cedar pollen. The sheet-form preparation contains water, gelatin, an allergenic protein from cedar pollen, and a stabilizing agent of the allergenic protein from cedar pollen.

No. of Pages : 40 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4262/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : SHEET-FORM PREPARATION AND METHOD FOR PRODUCING THE SAME

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-276190	<b>1)NITTO DENKO CORPORATION</b> Address of Applicant :1-2 Shimohozumi 1-chome Ibaraki-shi OSAKA 567-8680 Japan
(32) Priority Date	:10/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)Daisuke Asari</b> <b>2)Takuya Shishido</b> <b>3)Mitsuhiko Hori</b> <b>4)Toshihiko Okazaki</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 provides a sheet-form preparation that can be easily dissolved intraorally allows the dissolution time thereof to be easily controlled and can stably contain a drug except an allergenic protein from cedar pollen. The sheet-form preparation contains water gelatin and a drug except an allergenic protein from cedar pollen.

No. of Pages : 42 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4263/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CHARY NOSE FILTERS WITH OUT CLIP

(51) International classification	:A62B	(71) <b>Name of Applicant :</b> <b>1)THOUTI. BHOOOMAIAH CHARY</b> Address of Applicant :H.NO.3-5-50 KOTAGALLY (VARNI ROAD), NIZAMABAD, 503 001 Andhra Pradesh 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Air pollution is increasing day by day .Now take breath of fresh air with CHARY NOSE FILTERS WITH OUT CLIP, it is use and through low cost devise, it is more use full to all peoples. These are a two small devises, these Air filters are placed into in side of nostrils there filtered polution air, and gives fresh air to breathing, number 2 filters with out any clip out side the nose for fix it in to nostrils. While using CHARY NOSE FILTERS WITH OUT CLIP. There is not appiared this devise to others. We can placed these devices into the nostrills very easily, each one nostrill each one filter is used with out clip to nose.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.4265/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : IMPROVED HYDROCARBON FUEL AND A METHOD FOR ITS PREPARATION

(51) International classification	:C10L	(71) <b>Name of Applicant :</b> <b>1)Sulur Anbuselvan</b> Address of Applicant :1382 4th Cross 6th Main BEML Layout 1st Phase 5th Stage Rajarajeshwarinagar Bangalore 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> <b>1)Sulur Anbuselvan</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 :

Improved hydrocarbon fuel and a method for its preparation are disclosed. The improved hydrocarbon fuel is such that it yields reduced emission of pollutants upon combustion. Currently many efforts such as adjusting the refinery processes of fuels development of zero pollution motors use of plant extract (such as jojoba and barley oil) in fuel etc are being made in order to control pollutant emission. However the implementation of such process has been time consuming and expensive. The disclosed embodiments provide a simple and cost effective method for reducing pollutant emission by hydrocarbon fuels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4268/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : COMPUTER METHOD AND SYSTEM FOR COMBINING OLTP DATABASE AND OLAP DATABASE ENVIRONMENTS•

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:12/963.428	<b>1)DASSAULT SYSTEMS ENOVIA CORPORATION</b>
(32) Priority Date	:08/12/2010	Address of Applicant :175 Wyman Street Waltham
(33) Name of priority country	:U.S.A.	Massachusetts 02451 United States of America
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)TEWKSBARY David Edward</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 computer system provides access to both an online transaction processing (OLTP) database server and an online analytics processing (OLAP) database server. The computer system includes a client application adapted to receive a query. According to (a) mode of operation (e.g., read or update) of the client application and (b) synchronization status of the OLAP database server, the client application redirects the query to the OLTP database server or to the OLAP database server. The client application redirects the query to the OLTP database server when the mode of operation is other than a read-only operation or the synchronization status is unsynchronized. The client application redirects the query to the OLAP database server when the mode of operation is a read-only operation and the synchronization status is synchronized. The computer system further includes an OLTP application server (e.g., Enovia V6) comprising an OLTP adapter and an OLAP adapter. The OLAP adapter is formed of a mapping component adapted to map data between OLTP semantics and OLAP semantics.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.4269/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : TENDER COCONUT JUICE EXTRACTOR

(51) International classification	:B63B	(71) <b>Name of Applicant :</b> <b>1)V.L. VINOD</b> Address of Applicant :PLOT NO:5, DOOR NO.1, THARA BARATHI STREET, JAYANAGAR, HINDU COLONY EXTN., PUZHUTHIVAKKAM, CHENNAI - 600 091 Tamil Nadu 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	: 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 a simple and robust device for extraction of tender coconut juice. This procedure is non-hazardous and handled even by semi-skill persons unlike using a knife to slice of a tender coconut. This device can be used in industries for large volume extraction of tender coconut water. This method is more hygienic and involves ease of handling. And this method is more cost effective compared to any other tender coconut water extracting devices.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4270/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 14/06/2013

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

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-286361	<b>1)SONY COMPUTER ENTERTAINMENT INC.</b> Address of Applicant :1-7-1, KONAN, MINATO-KU, TOKYO 1080075 Japan
(32) Priority Date	:22/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)AONUMA, HIROAKI</b> <b>2)MIWA, YASUTAKA</b> <b>3)KASAI, MASAYUKI</b> <b>4)KOYAMA NOBUKAZU</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 acquisition unit acquires, via a communication unit, presence information including status information indicating the status of execution of an application from a separate information processing device. A status image generation unit refers to the status information and determines a display mode for presenting the status of execution of the application to a user. The status image generation unit determines a display mode of a mark to indicate whether the user can participate in a session of an application.

No. of Pages : 48 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4271/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : CAPTURE&NBSP; REMOVAL&NBSP; AND STORAGE OF RADIOACTIVE SPECIES IN AN AQUEOUS SOLUTION•

(51) International classification	:G21F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/423,288	<b>1)ELECTRIC POWER RESEARCH INSTITUTE INC.</b>
(32) Priority Date	:15/12/2010	Address of Applicant :1300 West W.T. Harris Boulevard
(33) Name of priority country	:U.S.A.	Charlotte North Carolina 28262 United States of America
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Paul L. Frattini</b>
(87) International Publication No	: NA	<b>2)Roger Howard Asay</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Keith Paul Fruzzetti</b>
Filing Date	:NA	<b>4)Susan Elaine Garcia</b>
(62) Divisional to Application Number	:NA	<b>5)Leon Yengoyan</b>
Filing Date	:NA	<b>6)Lisa Maxine Edwards</b>

(57) Abstract :

The present invention relates to a method of capturing radioactive species in an aqueous solution and removing the radioactive species for disposal. The method includes the steps of providing a macroporous bead form sequestration resin subjecting the bead form sequestration resin to radioactive species contained in the aqueous solution to allow the bead form sequestration resin to capture the radioactive species; and disposing the radioactive species in a radioactive storage facility.

No. of Pages : 58 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.4272/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : READY TO EAT THERMAL PROCESSED SMOKED TUNA IN OIL MEDIUM IN INDIGENOUSLY DEVELOPED SEE THROUGH RETORTABLE POUCH AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:A23B	(71) <b>Name of Applicant :</b> <b>1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH</b> Address of Applicant :KRISHI BHAVAN, NEW DELHI - 110 114 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	: 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 retortable pouch packed with ready to eat smoked tuna in oil and process of preparation thereof. The process involves preparation of loins of fresh tuna followed by cutting it into streaks. The steaks were immersed in salt solution for 1 hour and drained. The drained tuna steaks were packed in laminated covers made of polyester / polythene, sealed and kept overnight in the chilled condition for equilibration of salt content. The salted tuna steaks were wiped off excess moisture and surface dried on trays in a smoke kiln before smoking. Smoke generation was done manually using husk from coconut (cocus nucifera) in a smoke kiln. Smoked tuna steaks were packed into retort pouches with a filling ratio of 60g fish and 40ml sunflower oil. The pouches were made of polyester coated with silicon dioxide / nylon/cast polypropylene which was then sealed using a vacuum packaging machine. The smoked tuna was thermal processed to Fo 10.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4284/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : SWITCHGEAR DEVICE HAVING SEVERAL SINGLE-POLE SWITCHING UNITS AND COMPRISING A SINGLE ACTUATING MECHANISM OF SAID UNITS

(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:10 04834	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:13/12/2010	Address of Applicant :35 rue Joseph Monier F-92500 Rueil Malmaison France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)GRUMEL Christophe</b>
Filing Date	:NA	<b>2)GIRAUD Denis</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 switchgear device 600 comprising a main unit Bp supporting an operating mechanism 8 and at least a first auxiliary unit Ba1. The units respectively comprise a rotary bar 26 coupled with a mobile contact bridge 22 guided in rotation around an axis of rotation Z. Two stationary contacts 41 51 collaborate with said mobile contact bridge. The operating mechanism 8 commands at least one drive rod 30 angular movement of which results in that of the mobile contact bridges 22 between an open position and a closed position. Compensation means comprise a stop 60 against which the drive rod 30 presses in the closed position so as to limit movement of said rod at the level of the first unit Ba1 and to apply a rotational torque to said rod to keep it parallel to the axis Z.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4285/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : POWER SUPPLY DEVICE AND METHOD FOR A LIGHTING SYSTEM WITH LIGHT-EMITTING DIODES AND LIGHTING ASSEMBLY COMPRISING ONE SUCH DEVICE

(51) International classification	:H05B	(71)Name of Applicant :
(31) Priority Document No	:10 04837	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:13/12/2010	Address of Applicant :35 rue Joseph Monier F-92500 Rueil Malmaison France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)LAVATO Jean-Louis</b>
Filing Date	:NA	<b>2)PERSEGOL Dominique</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 power supply device and method comprise selection of a supply voltage or current to be applied to a lighting system with light-emitting diodes. A processing circuit (15) performs automatic detection (30-36) of the direction of connection of said lighting system by injecting at least one polarity test current pulse (31) for detection (32) of current flow. Monitoring (32) of the supply voltage and current during the polarity test current pulse and reversal (35) of the direction of the current or voltage for monitoring the direction of current flow for attribution of the direction of the supply voltage or current are also performed. The device and method also comprise detection (40-43) of the type of lighting system to be supplied with regulated voltage or with regulated current according to the dynamic resistance (Rd) of said system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.4286/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYNTHESIS OF SEQUESTRATION RESINS FOR WATER TREATMENT IN LIGHT WATER REACTORS•

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:61/423,277	<b>1)ELECTRIC POWER RESEARCH INSTITUTE INC.</b>
(32) Priority Date	:15/12/2010	Address of Applicant :1300 West W.T. Harris Boulevard
(33) Name of priority country	:U.S.A.	Charlotte North Carolina 28262 United States of America
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)Leon Yengoyan</b>
(87) International Publication No	: NA	<b>2)Paul L. Frattini</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Daniel Morgan Wells</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An organic synthesis of materials to achieve removal of low molecular weight ionic species such as transition metal ions including cobalt iron nickel and zinc from aqueous solutions. The synthesis includes the steps of providing a cation exchange resin functionalizing the cation exchange resin using a chloride intermediate to form a sulfonyl chloride resin and reacting a multi-amine based ligand with the sulfonyl chloride resin to form a sequestration resin. The synthesis further includes the steps of cooling the sequestration resin washing and drying the sequestration resin and removing any unconverted sulfonate sites from the sequestration resin.

No. of Pages : 61 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.4288/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ASPHALT COMPOSITION

(51) International classification	:E01C	(71) <b>Name of Applicant :</b> <b>1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.</b> Address of Applicant :Carel van Bylandtlaan 30 2596 HR THE HAGUE The Netherlands
(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 disclosure relates to an asphalt composition comprising aggregate bitumen sulphur and resin-based binder wherein the resin-based binder comprises a thermoplastic hydrocarbon resin and a diluent. Methods of preparing asphalt compositions and asphalt pavements are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4289/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : BRAKE PAD ASSEMBLY WITH EMBEDDED SHIM

(51) International classification	:F16D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2,725,910	<b>1)ANSTRO MANUFACTURING INC.</b>
(32) Priority Date	:16/12/2010	Address of Applicant :238 Wolcott Road Wolcott
(33) Name of priority country	:Canada	Connecticut 06716 United States of America
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ROBERT R. BOSCO</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 brake pad assembly is provided. A brake backing plate has a generally planar body with at least one mold hole. A generally planar shim is affixed to a first face of the backing plate. The shim has at least one integral hook that extends into the at least one mold hole in the backing plate. A friction material is molded onto a second opposite face of the backing plate and fills the at least one mold hole to thereby embed the hook and retain the shim against the backing plate. A method of making a brake pad assembly is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.4290/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : STARTER-GENERATOR

(51) International classification	:H02K	(71) <b>Name of Applicant :</b> <b>1)TVS MOTOR COMPANY LIMITED</b> Address of Applicant :Jayalakshmi Estate 24 (Old No. 8) Haddows Road Chennai 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a starter-generator (102) comprising a stator (122) and a rotor (120). The rotor (120) has a first portion (124) and a second portion (126). The first portion (124) is concentrically rotatable with reference to the stator (122) and the second portion (126) is a movable disc of a pulley (108) of a continuous variable transmission (106).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.4291/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SPREAD SPECTRUM OSCILLATOR

(51) International classification	:H04B	(71) <b>Name of Applicant :</b> <b>1)CYPRESS SEMICONDUCTOR CORPORATION</b> Address of Applicant :65/2, BAGMANE TECH PARK, BLOCK C BAGMANE LAUREL C.V. RAMAN NAGAR BANGALORE-560093 Karnataka 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system includes a spread spectrum device to select multiple spread settings over time, and an oscillation device to generate clock signals having different frequencies based on a base setting and the multiple spread settings. A method includes generating a clock signal having a first frequency based on a base setting and a first spread setting, and adjusting the generation of the clock signal to have a second frequency based on the base setting and a second spread setting.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4296/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AUXILIARY DEVICE OF A DRILLING MACHINE AND CONTROL METHOD

(51) International classification	:B23B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:102010064107.3	<b>1)HILTI AKTIENGESELLSCHAFT</b> Address of Applicant :FELDKIRCHERSTRASSE 100, 9494 SCHAAN Liechtenstein
(32) Priority Date	:23/12/2010	
(33) Name of priority country	:Germany	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SCHMIDT, PEER</b> <b>2)SCHAER, ROLAND</b> <b>3)LINIGER, ALEXANDER</b> <b>4)LEUZINGER, DAVID</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 auxiliary device can be connected to a drilling machine (1). Said auxiliary device (1) comprises a camera (25) aligned in working direction (4) for recording an image (28) of a working surface (5) and a drill hole (7) generated by said drilling machine (1). An image processing device (54) is provided for identifying the drill hole (7) in the image (28). Based on a distance (56) from the drill hole (7) to a reference point (43) in the image (28), an evaluation device (29) determines a distance (52) from the drilling machine (1) to the workpiece (6). A display device (23) serves to indicate the determined distance (53).

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.4298/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PREDICTIVE CACHING OF GAME CONTENT DATA

(51) International classification	:A63F	(71) <b>Name of Applicant :</b> <b>1)EMPIRE TECHNOLOGY DEVELOPMENT LLC</b> Address of Applicant :2711 Centerville Road Suite 400 Wilmington DE 19808 United States of America
(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 :

Technologies are generally described for reducing lag time via predictive caching in cloud-based gaming. In one example a cloud-based gaming system may identify game paths that can be taken during real-time game play and may break down the game paths into subsets of path segments a player can select. The system may determine a probability of the player taking a subset of the path segments based on real-time actions by the player and a game history of the current player and past players. The system may assign probabilities of being selected to the subsets of path segments and may render the subsets of path segments based on their respective probabilities. The system may transmit the rendered game content data for the subsets of path segments to a game client for caching on the local cache so that the game content data may be available when needed during real-time game play.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.4299/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PACKET RELAY APPARATUS•

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-278748	<b>1)ALAXALA NETWORKS CORPORATION</b> Address of Applicant :890 Kashimada Saiwai-ku Kawasaki-shi Kanagawa Japan
(32) Priority Date	:15/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)Hideki HINOSUGI</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 packet relay apparatus of the type that can virtually use in the interlocking arrangement a plurality of apparatuses (102 700A 700B) includes a link optimization adjustment part (707A 707B) and a packet analyzing unit (708A 708B) automatically judges the mode of flow of communication and traffic and optimizes the line that is mainly operated to manage the traffic flowing through a control port and make up for band insufficiency of the control port.

No. of Pages : 38 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4300/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : REACTIVATION OF SILVER METAL PARTICLE-BASED ANTIMICROBIAL COMPOSITIONS

(51) International classification	:B01J	(71) <b>Name of Applicant :</b> <b>1)INDIAN INSTITUTE OF TECHNOLOGY</b> Address of Applicant :IIT P.O CHENNAI 600036 Tamil Nadu 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)THALAPPIL PRADEEP</b>
(87) International Publication No	: NA	<b>2)CHAUDHARY AMRITA</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MOHAN UDHYAYA SHANKAR</b>
Filing Date	:NA	<b>4)AIGAL SAHAJA</b>
(62) Divisional to Application Number	:NA	<b>5)ANSHUP</b>
Filing Date	:NA	

(57) Abstract :

The present invention articulates methods for the reactivation of silver metal particle- based antimicrobial compositions. It is known through prior art that silver based antimicrobial compositions for water purification undergo decrease in performance upon continuous use, which leads to a need for the replacement of composition. It is to be noted that the composition still has large quantity of active ingredient and its replacement leads to increase in the cost of the technology. We show simple methods of reactivation which are easy to implement in field and requires no special equipment. The methods described in the present invention help in regaining 100% antimicrobial activity of the composition. The cycle, in use performance drop reactivation, can be repeated several times. Reactivation has been demonstrated by physical and chemical or reaction-based approaches. A simple method of physical reactivation is treating the composition with hot water (around 70 °C) for about 3 hours. A simple method of chemical or reaction based reactivation is treating the composition either with an etching agent or an anti-scaling agent. The process of reactivation has been found to be applicable for a broad range of silver metal particles based antimicrobial compositions and is independent of nature of support matrix or surface protecting agent. The simple methods for reactivation as described in this invention demonstrate its utility for field application, especially for providing low-cost water purification solution in the developing world.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4313/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SOFTWARE INTERNATIONALIZATION ESTIMATION MODEL

(51) International classification	:G06F	(71) <b>Name of Applicant :</b> <b>1)INFOSYS LIMITED</b> Address of Applicant :IP CELL, PLOT NO. 44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100, Karnataka 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)MAYANK JAIN</b>
(61) Patent of Addition to Application Number	:NA	<b>2)AVIRAJ SINGH</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various technologies related to estimating programming effort to internationalize a software program are described. A sampling technique can be applied to the numerous program files that make up the software program. Stratification by impact point type can be supported. Historical data can be used to provide an accurate and reliable estimate without having to completely analyze all files in the software program.

No. of Pages : 64 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4316/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : DESIGNING AND FABRICATING OF A TEMPLATE, A DEVICE FOR MARKING THE RUBBER TREES OF CLONE RRII-105 FOR TAPPING IN THE NEWLY DEVELOPED INCLINED UPWARD TAPPING(IUT) SYSTEM FOR ENSURING SUBSTANTIALLY HIGHER YIELD AND LOW INCIDENCE OF TAPPING PANEL DRYNESS

(51) International classification	:A01G	(71) <b>Name of Applicant :</b> <b>1)L. THANKAMMA</b> Address of Applicant :SAMANUAYA, HOUSE NO. T.C.6/751(1), THURUVICKAL POST, ULLOOR, THIRUVANANTHAPURAM 695 031. Kerala 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A TEMPLATE, a device for marking inclined tapping panel for the rubber trees of clone RRII-105 for tapping in the newly developed Inclined Upward Tapping (IUT) system for ensuring higher yield and low incidence of Tapping Panel Dryness Syndrome has been designed and fabricated. It is made of G.I. Sheet of 28 gauge thickness and in the form of a triangle with lower angle A of 7° , upper left angle B 90° and the right upper angle at C 83°, with the length of side AB 125cm, AC 126cm and BC 15cm By using this the lines inclined at 7° to the normal can be drawn on both sides of the tree trunk at half spiral by joining which using the conventional template at the lower position on the tree trunk at 10cm from bud union, the panel can be marked and it can be opened for tapping at the lowermost guide line and tapping can be continued upwards using the Jebong knife. This new device will enable the rubber grower to tap the trees in the newly developed Inclined Upward Tapping Technology capable of producing substantial yield increase and reducing Tapping Panel Dryness Syndrome whereby the economic life span of the tree can be doubled with tremendous increase in the yield potential althroughout with enhanced income to the labours as well all achieved at no additional cost at all, which will in fact revolutionise the field of rubber harvesting. This is the first of its kind in the whole world.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/02/2012

(21) Application No.432/CHE/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PHOTOELECTRIC CONVERSION ELEMENT, AND PHOTOELECTRIC CONVERSION APPARATUS AND IMAGE SENSING SYSTEM

(51) International classification	:G02B	(71)Name of Applicant :
(31) Priority Document No	:2011-026344	<b>1)KATO, TARO</b> Address of Applicant :C/O CANON KABUSHIKI
(32) Priority Date	:09/02/2011	KAISHA, 3-30-2, SHIMOMARUKO, OHTA-KU, TOKYUO
(33) Name of priority country	:Japan	Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KATO, TARO</b>
(87) International Publication No	: NA	<b>2)SAWAYAMA, TADASHI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)IKAKURA, HIROSHI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A member for light path to a photoelectric conversion portion includes a middle portion, and a peripheral portion having a refractive index different from the refractive index of the middle portion, and within some plane in parallel with the light receiving surface of a photoelectric conversion portion, and within other plane closer to the light receiving surface than the some plane in parallel with the light receiving surface, the peripheral portion is continuous with the middle portion and surrounds the middle portion, and also the refractive index of the peripheral portion is higher than the refractive index of an insulator film, and the thickness of the peripheral portion within the other plane is smaller than the thickness of the peripheral portion within the some plane.

No. of Pages : 123 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4324/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SEMICONDUCTOR MODULE

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-009957	<b>1)SHARP KABUSHIKI KAISHA</b> Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(32) Priority Date	:20/01/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)KUSHINO, MASAHIKO</b> <b>2)MURAKAMI, MASAHIRO</b> <b>3)AMANO, YOSHIHISA</b> <b>4)TOKUNO, SHINICHI</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 :

Provided is a semiconductor module (A), including: a substrate (1) having an electronic component (2) mounted on an upper surface thereof; an encapsulation resin layer (3) having an insulating property, for encapsulating the upper surface; an exterior shielding member (4) having conductivity, for covering a side of the encapsulation resin layer (3) opposite to the substrate (1); and a connection portion (5), which is provided inside the encapsulation resin layer (3), for electrically connecting the exterior shielding member (4) and a ground terminal (13) provided to the substrate (1).

No. of Pages : 68 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4326/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : DRAFTING DEVICE IN FORE-SPINNING PROCESS

(51) International classification	:D01H	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-276907	<b>1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI</b> Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan
(32) Priority Date	:13/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)YAKUSHI, MAKOTO</b> <b>2)SHINBARA, MASAMI</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 :

As shown in , the drafting device (11) in a fore-spinning process is characterized in that a drafting part clearer (22) includes a plurality of support arms (23, 24, 25, 26), a plurality of pairs of pressure devices (34) and a suction duct (27). The support arms (23, 24, 25, 26) support a plurality of top rollers (15, 16, 17, 18), respectively. Each pair of pressure devices (34) is mounted to the corresponding support arm (23, 24, 25, 26) on opposite sides of the support hole (23A, 24A, 25A, 26A) of the support arm (23, 24, 25, 26). The suction duct (27) has a plurality of suction ports (27A, 27B, 27C, 27D). With the support arms (23, 24, 25, 26) set in operative position, the suction duct (27) is movable between operative position in which suction is created in the support holes (23A, 24A, 25A, 26A) and retracted position.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4327/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND DEVICE FOR MONITORING A DEVICE EQUIPPED WITH A MICROPROCESSOR

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 04867	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:14/12/2010	Address of Applicant :35, RUE JOSEPH MONIER, F-92500 RUEIL MALMAISON France
(33) Name of priority country	:France	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)GRUFFAZ, FRANCK</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 monitoring method of a device equipped with a microprocessor (1), characterized in that it comprises the following steps: (E3) - performance of at least one computation in the micro-processor (1) from input data; (E4) - performance of at least one logic operation by logic gates in an external monitoring device (10) from the same input data; (E7) - comparison of the results of the at least one computation performed in the microprocessor (1) and of the at least one logic operation performed in the monitoring device (10) to deduce therefrom a diagnostic of the microprocessor (1) and/or a command to switch to a safe configuration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4330/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : POND CONSTRUCTION USING PRECAST SLABS AND PREFABRICATED WATERPROOFING LINER

(51) International classification	:E04H	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)M C DAVID</b>
(32) Priority Date	:NA	Address of Applicant :M C DAVID; KARMMEL;
(33) Name of priority country	:NA	MANAKKATTU PADETTATHIL; KAYAMKULAM 690
(86) International Application No	:NA	502 Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)M C DAVID</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Pond Construction using Precast Slabs and Prefabricated Water Proofing Liner is disclosed. In the said invention, precast slabs are used to make the side walls, over which the water proofing liner with studs is permanently fixed. Water proofing liner is also applied over the concrete pool bottom. In another embodiment, water proof liner without studs is used, wherein the said liner is fixed on the slabs with the aid of weighed tube structures held together by support means.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.4337/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATICALLY POSTING USER LOCATION INFORMATION TO A SOCIAL NETWORK

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:12/973,054	1)HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED
(32) Priority Date	:20/12/2010	Address of Applicant :8500 BALBOA BOULEVARD NORTHRIDGE, CA 91329 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)ARVIN BAALU
Filing Date	:NA	2)DIBYENDU CHATTERJEE
(87) International Publication No	: NA	3)RAMANA RAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems are disclosed that are capable of automatically interfacing with Internet- based social networks for safely providing friends of a mobile user with location updates. In particular, a system and method are provided for automatically posting user-location information to a social network. A system interface receives user data including a location update activation indicator and location update conditions. A navigation engine obtains information associated with the current location of the mobile user. A social network client module of the system is adapted to determine that the location activation indicator is active and to determine that a location update condition is met. A communications interface automatically posts a location update to the social network if the social network client determines that at least one location update condition is met.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4338/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : HANDLEBAR AUDIO CONTROLS

(51) International classification	:B62K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12970518	<b>1)HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED</b>
(32) Priority Date	:16/12/2010	Address of Applicant :8500 BALBOA BOULEVARD NORTHRIDGE, CA 91329 U.S.A.
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)JEFFRY A MILLINGTON 2)STEVEN MONTEALEGRE 3)ANGELO GIANNOTTI</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 audio system having handlebar mounted controls that permit an operator to control the audio system utilizing finger controls mounted on the handlebars.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.4345/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : INSULATION FISH BAGS FOR PRESERVING QUALITY OF ICEDFISH

(51) International classification	:A01K	(71) <b>Name of Applicant :</b> <b>1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH</b> Address of Applicant :KRISHI BHAVAN, NEW DELHI-110114 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)DR. DUDEKULA IMAM KHASIM</b> <b>2)DR BADIREDDY MADHUSUDANA RAO</b> <b>3)SRI ASESH KUMAR CHATTOPADHYAY</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 insulation fish bags for preserving the quality of fish. The insulation fish bag comprises of three layers namely an outer water proof covering, a middle insulation layer, an inner plastic lining and an enclosed interior volume formed there within for enclosing the fish. Outer water proof covering is made up of cotton coated fabric (rexin) that minimizes the seepage of melt ice water, does not allow outside water to enter into the bag and also allows for easy washing. The middle layer is made up of 8mm thick expanded polystyrene (thermo foam) which helps in slowing the melting of ice thereby maintaining the lower temperature required for preserving the quality of iced-fish. The inner polythene layer prevents the contact of fish with the thermo foam thereby maintaining the quality of fish and makes the bag easy to wash. The fishes to be preserved and ice are placed inside the insulation fish bag for preservation. Insulation fish bags of various shapes and sizes can be designed to suit the needs for different types of users (fishermen, fish retailers, fish consumers). The insulation bags can find use in carrying not only iced fish but any frozen/chilled material such as ice creams.

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.4346/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : COLLAGEN-CHITOSAN AN-ABSORBABLE GUIDED TISSUE REGENERATION MEMBRANE AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:A61L	(71) <b>Name of Applicant :</b> <b>1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH</b> Address of Applicant :KRISHI BHAVAN, NEW DELHI-110114 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	: 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 process of preparing biocompatible absorbable guided tissue regeneration collagen-chitosan membrane and product thereof. The process of preparing collagen chitosan membrane comprises of preparing collagen gel from fish air bladder and chitosan from prawn shell. Then the two polymers are cross-linked using gluteraldehyde as cross linking agent. The cross-linked solution is poured into moulds and neutralized with ammonia followed by washing and drying. The dried membrane is cut into required size and packed in isopropyl alcohol. The membrane can be used as a guided tissue generation membrane in periodontal defects and as a covering membrane in wounds/burns.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4347/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : BINDING ASSEMBLY

(51) International classification	:F16L	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)JIN JIANG CITY SHOES-LOCK CO. LTD.</b>
(32) Priority Date	:NA	Address of Applicant :NO.9, DRAGON SPRING ROUTE,
(33) Name of priority country	:NA	FU PU DEVELOPMENT ZONE, JIN JIANG CITY, FU JIAN
(86) International Application No	:NA	PROVINCE China
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)CHEN, YI-LIANG</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A binding assembly has a binding frame (10), a pulling tie (20) and a tightening tie (30). The binding frame (10) has a base (11), a pressing member (12), two tie fastening holders (13) and two separating members (14). The tie fastening holders (13) are connected pivotally to the base (11) and each has a pulling tie hole (132) and a tightening tie hole (131). Each separating member (14) divides the corresponding tightening tie hole (131) into a first hole segment (1311) and a second hole segment (1312). The pulling tie (20) is compressed by the pressing member (12) and has two ends mounted respectively through the pulling tie holes (132). The tightening tie (30) has two ends mounted respectively through the first hole segments (1311), mounted respectively over the separating members (14) and mounted respectively through the second hole segments (1312).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4349/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FUSER MEMBER AND METHOD OF MANUFACTURE

(51) International classification	:G03G	(71)Name of Applicant :
(31) Priority Document No	:12/968,622	1) <b>XEROX CORPORATION</b> Address of Applicant :45 GLOVER AVENUE, P.O. BOX 4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(32) Priority Date	:15/12/2010	(72)Name of Inventor :
(33) Name of priority country	:U.S.A.	1) <b>CARDOSO, GEORGE, C.</b> 2) <b>LIN, PINYEN</b> 3) <b>CONDELLO, ANTHONY S.</b> 4) <b>LEFEVRE, JASON, M.</b> 5) <b>SEYFRIED, RICHARD, W.</b> 6) <b>BREWINGTON, GRACE T.</b> 7) <b>LYNN, CHRISTOPHER</b> 8) <b>MASHTARE, DALE, R.</b> 9) <b>BEACHNER, JAMES R.</b>
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There is described a f User roller including a surface layer of anodized aluminum oxide impregnated with a fluorine containing sealant. There is also described the method for producing the fuser member.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.4350/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : USE OF UREA CONTAINING FORMALDEHYDE IN A PROCESS FOR THE PRODUCTION OF MELAMINE THROUGH THE PYROLISYS OF UREA AND CORRESPONDING PROCESS FOR THE PRODUCTION OF MELAMINE

(51) International classification	:C07D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:MI2010A002286	1)EUROTECNICA MELAMINE, LUXEMBOURG,
(32) Priority Date	:15/12/2010	ZWEIGNIEDERLASSUNG IN ITTIGEN
(33) Name of priority country	:Italy	Address of Applicant :C/O PETER MUNTWYLER,
(86) International Application No	:NA	FURSPRECHER UND NOTAR, TALGUT-ZENTRUM 19,
Filing Date	:NA	3063 ITTIGEN Switzerland
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	1)SANTUCCI, ROBERTO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Use of urea containing formaldehyde in a process for the production of melamine by the pyrolysis of urea and related process. It is described the use of urea containing formaldehyde in a process for the production of melamine by the pyrolysis of urea, which can be applied both to a high-pressure process and to a low-pressure process.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.4352/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MICRO AERIAL VEHICLE SUDHA

(51) International classification	:B64C	(71) <b>Name of Applicant :</b> <b>1)V.SUBRAMANI</b> Address of Applicant :B. AGRAHARAM(P.O), DHARMAPURI (DIST) Tamil Nadu 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	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

We had done pioneering work on this MAV. This could be controlled by both transmitter and autopilot system. This can be used in period of National conflicts, oil leakage and surveillance. Originally Vertical Takeoff and Landing (VTOL) have been achieved by our innovative ideas. It can be flying at suitable altitude. Power source can be changing the duration of the flight.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.4353/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : DETERMINING A TOTAL NUMBER OF PEOPLE IN AN IR IMAGE OBTAINED VIA IR IMAGING SYSTEM

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:12/967,775	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:14/12/2010	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)WANG, YAO, RONG</b>
(87) International Publication No	: NA	<b>2)FAN, ZHIGANG</b>
(61) Patent of Addition to Application Number	:NA	<b>3)MESTHA, LALIT, K.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

What is disclosed is a novel system and method for determining the number of persons in an IR image obtained using an IR imaging system. The present method separates a human from the surrounding background via a set of particularly formed intensity ratios. Quantities derived from these ratios and threshold values are used to selectively classify whether a pixel in the IR image is from a human or from a non-human. Based upon the classification of the various pixels in the IR image, the number of persons is determined. Various embodiments are disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/02/2012

(21) Application No.436/CHE/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : ROTATING ELECTRIC MACHINE AND METHOD OF MANUFACTURING ROTATING ELECTRIC MACHINE

(51) International classification	:F28F	(71)Name of Applicant :
(31) Priority Document No	:2011-098163	<b>1)KABUSHIKI KAISHA YASKAWA DENKI</b> Address of Applicant :2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUODA 806-
(32) Priority Date	:26/04/2011	
(33) Name of priority country	:Japan	0004 Japan
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : <b>1)HIROFUMI SHIMONO</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide a rotating electric machine including a frame that is highly stiff and is superior in ease of assembly work, and a method of manufacturing the rotating electric machine. Two shrink-fitted battens are provided between a frame body 40 and each fin cover 50, and one semicircular contact surface is provided at the center tip of the fin cover 50. Highly stiff joints are established at the two shrink-fitted battens. A highly flexible joint is established at the semicircular contact surface provided at the center tip of the fin cover 50. Thus, the frame body 40 and the fin cover 50 are joined to each other by shrink-fitting and, as a whole, provide high stiffness and high working efficiency.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/12/2011

(21) Application No.4361/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING INFORMATION ON ONE OR MORE ATMS IN SERVICE

(51) International classification	:G07D	(71) <b>Name of Applicant :</b> <b>1)LOGICA PRIVATE LIMITED</b> Address of Applicant :Divyasree Technopolis 124-125 Yemlur Main Road Yemlur P.O. Off Airport Road Bangalore 560037 Karnataka 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	: 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 method and system for providing information on one or more ATMs in service. In one embodiment, a method includes locating one or more ATMs in a geographical area, determining at least one ATM in service from the located one or more ATMs in the geographical area based on a set of parameters, and outputting information associated with the at least one ATM in service on a computing device associated with a user. In another embodiment, a device for providing information on one or more ATMs in service by performing the above mentioned method.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4367/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FUEL INJECTION DEVICE

(51) International classification	:F02M 69/52	(71)Name of Applicant : <b>1)DENSO CORPORATION</b> Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY, AICHI-PREF., 448-8661 Japan
(31) Priority Document No	:2010- 281996	(72)Name of Inventor : <b>1)ADACHI, NAOFUMI</b> <b>2)YAMASHITA, TSUKASA</b>
(32) Priority Date	:17/12/2010	
(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	

(57) Abstract :

A fuel injection device (10) includes a cylinder (80) defining a pressure chamber (34) at an end portion of a nozzle needle (90). In the cylinder (80), a floating plate (100) is provided as a controlling member of fuel pressure. An orifice member (50) and a nozzle body (40) are lined by an annular positioning member (120), using a circular peripheral surface (57) of the orifice member (50) and a circular peripheral surface (44) of the nozzle body (40) as a reference surface. Thereby, radial locations of the nozzle body (40) and the orifice member (50) are defined. Furthermore, a location of the floating plate (100) is defined by the nozzle body (40) with, the nozzle needle (90). Therefore, the floating plate (100) can be located to a proper location relative to the orifice member (50).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2011

(21) Application No.4368/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SEALING RING

(51) International classification	:F04D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10 015	<b>1)CARL FREUDENBERG KG</b>
(32) Priority Date	718.9-1252	Address of Applicant :HOEHNERRWEG 2-4, 69469
(33) Name of priority country	:EPO	WEINHEIM Germany
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)DRUCKTENHENGST, ROLF</b>
(87) International Publication No	: NA	<b>2)EPING, UDO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Sealing-ring, especially radial shaft sealing-ring for serving the purpose of separation and sealing of an inner-space (6) from an outer-space (5), each of them encircling/surrounding a shaft (7), with the use of a sealing-lip (2) restricted/delimited through a first and a second truncated conical surface (3, 4), where in an axial direction (11) the first truncated conical surface (3) is oriented to the outer-area (5) and the second truncated conical surface (4) is oriented towards the inner-area (6), where the truncated conical surfaces (3, 4) in mounted-condition are connected to one another through a ring-shaped contact-surface (23) of the sealing-lip 2 abutting the shaft (7), where the first truncated conical (shell) surface (3) with the shaft (7) in assembled-condition encompasses a first angle (P) of 23 - 40°, and where the inner diameter (24) of the ring-shaped contact-surface (23) abutting the shaft (7) is 1 - 15 mm, depending on the respective diameter of the shaft (7) to be sealed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4373/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :14/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS, METHOD FOR CONTROLLING THE SAME AND PROGRAM

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:2010-285153	1)CANON KABUSHIKI KAISHA Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO Japan
(32) Priority Date	:21/12/2010	
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)HORIUCHI, AKINORI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Image data corresponding to a plurality of documents placed on a document plate is individually output. In this case, if an inclined document is included in the documents, the document is output after being subjected to inclination correction. However, if a document which does not accept the inclination correction is included, documents other than the document are output.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4393/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : COMPUTER NETWORK&NBSP; COMPUTER-IMPLEMENTED METHOD&NBSP;  
COMPUTER PROGRAM PRODUCT&NBSP; CLIENT&NBSP; AND SERVER FOR NATURAL LANGUAGE-BASED  
CONTROL OF A DIGITAL NETWORK

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 425 055.8	<b>1)Accenture Global Services Limited</b>
(32) Priority Date	:07/03/2011	Address of Applicant :3 Grand Canal Plaza Grand Canal
(33) Name of priority country	:EUROPEAN UNION	Street Upper Dublin 4 IRELAND
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)Giuseppe CAPUOZZO</b>
(87) International Publication No	: NA	<b>2)Fabio MAMMOLITI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Daniele dERRICO</b>
Filing Date	:NA	<b>4)Marco BORGHINI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application relates to a computer network a computer-implemented method a computer program product a client and a server for natural language-based control of a digital network. In one aspect the computer network for natural language-based control of a digital network may comprise: a digital network operable to provide sharing of access to a network between a plurality of devices connected in the digital network; a client installed in the digital network and operable to provide a unified natural language interface to a user to control the digital network using natural language; a server connected to the client over the network and operable to process a user request of the user performed through the unified natural language interface; and one or more software agents operable to execute at least one action on at least one of the plurality of devices based on the processed user request.

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4395/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : LOW PRESSURE GRADIENT APPARATUS

(51) International classification	:B41J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-149328	<b>1)SHIMADZU CORPORATION</b> Address of Applicant :1, NISHINOKYO-KU, KYOTO-SHI KYOTO KUWABARACHO, NAKAGYO-KU, KYOTO-SHI KYOTO 6048511 Japan
(32) Priority Date	:05/07/2011	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)YOSHIAKI ASO</b>
Filing Date	:NA	<b>2)FUJIO INOUE</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 plurality of suctioning flow paths for suctioning mobile phases meet each other at a meeting portion. The meeting portion is connected to an inlet flow path communicating with an inlet of a reciprocating pump. The suctioning flow paths are respectively provided with solenoid valves for opening and closing the respective flow paths. The suctioning flow paths are respectively provided with orifices between the solenoid valves and the meeting portion. The orifices are sections of the respective suctioning flow paths having smaller diameters.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4397/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND APPARATUS FOR DISPLAYING NAVIGATION CONTENT

(51) International classification	:G01C
(31) Priority Document No	:201010600569.3
(32) Priority Date	:16/12/2010
(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)TENCENT TECHNOLOGY (SHENZHEN) COMPANY  
LIMITED**

Address of Applicant :ROOM 403, EAST BLOCK 2, SEG PARK, ZHENXING ROAD, FUTIAN DISTRICT, SHENZHEN CITY 518044 GUANGDONG PROVINCE, PRC China

(72)Name of Inventor :

**1)RUAN, SHUDONG**

**2)XU, YU**

**3)YANG, GUANGYU**

(57) Abstract :

The invention discloses a method and apparatus for displaying navigation content, and relates to browser technology. The method includes obtaining a page of a web site; identifying navigation content of the page; and thumbnail-displaying the identified navigation content. The apparatus includes an obtaining module, an identifying module and a thumbnail-displaying module. The invention greatly streamlines the display area of the navigation content in the browser terminal to make the display of the navigation content more concise, by identifying the navigation content of the page and then thumbnail-displaying the identified navigation content as single line summary on the browser terminal. Meanwhile, when the user clicks the summary, the original location of the page is expanded to display all the navigation content and this will not affect the user's operation of clicking navigation links to jump.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4398/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : VISUAL OR TOUCHSCREEN PASSWORD ENTRY

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10195336.2	<b>1)RESEARCH IN MOTION LIMITED</b>
(32) Priority Date	:16/12/2010	Address of Applicant :295 PHILIP STREET, WATERLOO, ONTARIO, N2L 3W8 Canada
(33) Name of priority country	:EPO	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)GRIFFIN JASON TYLER</b>
Filing Date	:NA	<b>2)FYKE STEVEN HENRY</b>
(87) International Publication No	: NA	<b>3)ADAMS NEIL PATRICK</b>
(61) Patent of Addition to Application Number	:NA	<b>4)PASSQUERO JEROME</b>
Filing Date	:NA	<b>5)RIDDIFORD MARTIN PHILIP</b>
(62) Divisional to Application Number	:NA	<b>6)FULLALOVE GUY JAMES</b>
Filing Date	:NA	

(57) Abstract :

A method of authenticating a user of a computing device is proposed, together with computing device on which the method is implemented. In the method a modified base image is overlaid with a modified overlay image on a display and movement of either the modified base image or modified overlay image is permitted if a criterion for movement is met. Positive authentication is indicated in response to the base image reference point on the modified base image being aligned with the overlay image reference point on the modified overlay image.

No. of Pages : 43 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4401/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : GLOW PLUG

(51) International classification	:F23Q	(71) <b>Name of Applicant :</b> <b>1)BORGWARNER BERU SYSTEMS GMBH</b> Address of Applicant :MORIKESTRASSE 155, D-71636 LUDWIGSBURG Germany
(31) Priority Document No	:102010055119.8	
(32) Priority Date	:18/12/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)CHENG, YUE</b>
(87) International Publication No	: NA	<b>2)LAST, BERND</b>
(61) Patent of Addition to Application Number	:NA	<b>3)HAMMER, JOCHEN</b>
Filing Date	:NA	<b>4)RUSTLEN, HARALD</b>
(62) Divisional to Application Number	:NA	<b>5)RUTHMANN, ANDREAS</b>
Filing Date	:NA	

(57) Abstract :

The invention relates to a glow plug comprises a ceramic glow pencil (2), a protective sleeve (5) from which the glow pencil (2) protrudes, a housing (1) from which the protective sleeve (5) protrudes. According to the invention, the protective sleeve (5) is fastened to the glow pencil (2) via a holding element (6) which is disposed outside of the housing (1) and is soldered to the glow pencil (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4404/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : REFERENCE ELECTRODE

(51) International classification	:H01M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-282281	<b>1)HORIBA Ltd.</b> Address of Applicant :2 Miyanohigashi-cho Kisshoin Minami-ku Kyoto-shi Kyoto 601-8510 Japan
(32) Priority Date	:17/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)IWAMOTO Yasukazu</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 is intended to enable silver ions in an internal electrolyte solution of a reference electrode to be suppressed from being eluted and also suppress a potential variation that occurs due to production of a poorly-soluble silver compound on surfaces of a liquid communication part and the like and specifically provided with: an internal electrode 21 formed of a silver/silver chlorides electrode; an internal electrolyte solution 22 that is in contact with the internal electrode 21; and a containing body 23 that contains the internal electrolyte solution 22 in which the containing body 23 is formed of a material that does not have anionic conductivity but has cationic conductivity and moisture permeability.

No. of Pages : 34 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4409/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PEST CONTROLLING COMPOSITION AND METHO OF CONTROLLING PEST

(51) International classification	:A01N	(71) <b>Name of Applicant :</b> <b>1)SUMITOMO CHEMICAL COMPANY, LIMITED</b> Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8260 Japan
(31) Priority Document No	:2010-282762	
(32) Priority Date	:20/12/2010	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b> <b>1)SUGANO, MASAYO</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 pest controlling composition comprising [a] an ester compound represented by formula (I) (wherein X represents a hydrogen atom or a cyano group, Z represents a hydrogen atom or a fluorine atom, and R1 and R2 represent each independently a hydrogen atom, a C1-C3 alkyl group optionally substituted with a halogen atom, or a halogen atom) and [b] (2,3,5,6-tetrafluoro-4-(methoxymethyl)phenyl)methyl= 2,2-dimethyl-3-(1-propenyl)cyclopropane carboxylate, the mass ratio of [a]:[b] being from 50:1 to 1:50.

No. of Pages : 52 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4412/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : LUBRICANT PUMP AND LUBRICATING SYSTEM WITH PUMP HEATER

(51) International classification	:C10M :20 2010	(71) <b>Name of Applicant :</b> <b>1)LINCOLN GMBH</b> Address of Applicant :HEINRICH-HERTZ-STRASSE 2-8, 69190 WALLDORF Germany
(31) Priority Document No	016 721.3	(72) <b>Name of Inventor :</b> <b>1)PALUNCIC, ZDRAVKO</b> <b>2)SCHONFELD, ANDREAS</b> <b>3)MULLER, TOBIAS</b>
(32) Priority Date	:20/12/2010	
(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 :

The present invention relates to a lubricant pump for delivering lubricant to at least one lubricating point, featuring a lubricant container (2), a pump unit, a drive (4) assigned to the pump unit, at least one lubricant outlet and a control unit (5) assigned to the drive (4). Further, at least one heating element (6) is provided and can be actuated by the control unit (5) and/or another control unit. In addition, the invention relates to a lubricating system with such a lubricant pump.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4418/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : WIND TURBINE BLADE AND METHOD FOR MANUFACTURING A WIND TURBINE BLADE WITH VORTEX GENERATORS

(51) International classification	:F03D	(71)Name of Applicant :
(31) Priority Document No	:61/424,265	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:17/12/2010	Address of Applicant :HEDEAGER 44, 8200, AARHUS N
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GRIFE, RONALD
(87) International Publication No	: NA	2)BRYANT, JOSHUA
(61) Patent of Addition to Application Number	:NA	3)CHAO, DAVID
Filing Date	:NA	4)MITTENDORF, KIM
(62) Divisional to Application Number	:NA	5)CHOI, JOU-YOUNG
Filing Date	:NA	6)WESTERGAARD, CARSTEN HEIN

(57) Abstract :

A wind turbine for generating electrical energy may include a wind turbine blade including a plurality of vortex generators integrally formed in the outer surface of the blade. The vortex generator includes a first component that defines a portion of the outer surface of the blade and a second component defining the shape of the vortex generator and at least partially surrounded by the first component. A method of manufacturing the wind turbine blade includes disposing a first plurality of layers of structural material over a mold main body and a removable insert member with a shaped cavity. A shaped plug is then pressed into the shaped cavity, and a second plurality of layers of structural material is disposed over the plug and the mold main body to complete manufacture of a wind turbine blade with a vortex generator.

No. of Pages : 44 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4422/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : GAS CONCENTRATION CONTROLLER SYSTEM

(51) International classification	:B67D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-282092	<b>1)HORIBA STEC, CO., LTD.</b> Address of Applicant :11-5, HOKODEATE-CHO, KAMITOBIA, MINAMI-KU, KYOTO-SHI, KYOTO-601-8116 Japan
(32) Priority Date	:17/12/2010	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)HASHIMOTO, YUICHIRO</b>
Filing Date	:NA	<b>2)MIYAJI, JUNICHI</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 is one that prevents standard gas from remaining in a standard gas line 3 to prevent a concentration of the standard gas from being reduced due to adsorption, modification, or the like of the standard gas, and has: a diluent gas line 2 that is provided with a diluent gas flow rate controlling mechanism 23; a standard gas line 3 that is provided with a standard gas flow rate controlling mechanism 33; an output gas line 4 that is joined by the diluent gas line 2 and standard gas line 3 and outputs the standard gas having a predetermined concentration; an exhaust gas line 5 that is connected to an upstream side of the standard gas flow rate controlling mechanism 33 in the standard gas line 3 and provided with an on/off valve and a flow rate control part; and a control part 6 that, depending on a flow rate of the standard gas flowing through the standard gas line 3 or the type of the standard gas, switches on/off of the on/off valve.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4433/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PARALLEL SIMULATION USING MULTIPLE CO-SIMULATORS•

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:13/084,574	<b>1)Rocketick Technologies Ltd</b> Address of Applicant :13 Tuval Street Ramat Gan Israel.
(32) Priority Date	:12/04/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:U.S.A.	<b>1)Shay Mizrachi</b>
(86) International Application No	:NA	<b>2)Uri Tal</b>
Filing Date	:NA	<b>3)Tomer Ben-David</b>
(87) International Publication No	: NA	<b>4)Ishay Geller</b>
(61) Patent of Addition to Application Number	:NA	<b>5)Ido Kasher</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method includes accepting a simulation task for simulation by a simulator that controls multiple co-simulators. Each of the multiple co-simulators is assigned to execute one or more respective sub-tasks of the simulation task. The simulation task is executed by invoking each co-simulator to execute the respective assigned sub-tasks.

No. of Pages : 31 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4437/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : VEHICLE QUARTER PANEL STRUCTURE

(51) International classification	:A43B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-291505	<b>1)SUZUKI MOTOR CORPORATION</b> Address of Applicant :300 TAKATSUKA, MINAMI-KU, HAMAMATSU, SHIZUOKA, 432-8611 Japan
(32) Priority Date	:28/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)NAGATA, NOBUHISA</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 quarter panel structure is provided that realizes an optimal balance between stiffness and load absorption capability. A quarter panel structure according to the present invention includes a side body outer panel that forms the outer surface of a quarter portion, a Front reinforcement that extends vertically along the rear edge of a rear door opening, a rear reinforcement that extends vertically along the side edge of a back door opening, and a quarter panel having a first arm extending to the front and a second arm extending downward from the rear end of the first arm. The front end of the first arm is welded to a roof side panel, and the front end of the second arm is welded to the upper portion of the rear end of the Front reinforcement. The rear end of the second arm is welded to the upper portion of the front end of the rear reinforcement. The stiffness of the quarter panel is set to be higher than that of the Front reinforcement.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4464/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHODS OF MANUFACTURING WIND TURBINE BLADES

(51) International classification	:F01D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:PA	<b>1)VESTAS WIND SYSTEMS A/S</b>
	201170151	Address of Applicant :HEDEAGER 44, 8200, AARHUS N
(32) Priority Date	:30/03/2011	Denmark
(33) Name of priority country	:Denmark	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)HANCOCK, MARK</b>
Filing Date	:NA	<b>2)BECH, ANTON</b>
(87) International Publication No	: NA	<b>3)VERHOEF, RENS CHRISTIAAN</b>
(61) Patent of Addition to Application Number	:NA	<b>4)GILL, ADRIAN</b>
Filing Date	:NA	<b>5)GREGORY, KARL</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An elongate web 10 is attached to the root end of a spar 8 of a wind turbine rotor blade to provide additional support along the width of the blade. The root end of the spar 8 is formed by a winding operation, and a recess is then cut into the surface of the spar 8. The recess is defined by a relatively large first, cylindrical surface 20, which is coaxial with the longitudinal axis of the root end, and a relatively small second, conical surface 21. A tapered end of the elongate web 10 is attached within the recess of the root end of the spar 8 using a layer of suitable adhesive 24 and an array of pins 11. Resilient spacer elements 23 are arranged within the recess so as to surround the pins 11. The large area of the cylindrical surface 20 causes the tensile and compressive stresses which arise along the elongate web 10 in use to be transmitted to the spar 8 as shear stresses.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4215/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : SELF ADAPTING MULTI STAGE ABSORPTION HEAT PUMP

(51) International classification	:F25B	(71) <b>Name of Applicant :</b> <b>1)GUERRA, MARCO</b> Address of Applicant :VIA SAN MARTINO, 22A, 24129, BERGAMO Italy
(31) Priority Document No	:MI2010A 002290	(72) <b>Name of Inventor :</b> <b>1)GUERRA, MARCO</b>
(32) Priority Date	:15/12/2010	
(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	

(57) Abstract :

An absorption heat pump comprising a generator (2) or desorber which generates vapour from a first fluid fed to a first condenser (4), an evaporator (7) being provided downstream of the condenser, an outlet (7B) of the evaporator being connected by a third line (8) to an inlet of a mixer of a low pressure absorber (100) connected to a suction side of a pump (14) feeding solution to the generator, the generator comprising a poor solution outlet (2C) connected by a sixth line (19) provided with at least one lamination valve (30, 31) to a poor solution inlet feeding the absorber (100, 200-100). The second line (6) is brought into heat exchange contact with the low pressure absorber (100) and opens into a liquid/vapour separator (51) feeding the evaporator (7) via a third line (6A), the vapour outlet of the separator (51) opening into an intermediate pressure absorber unit (200).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4447/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : CONNECTOR

(51) International classification	:H01R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-285089	<b>1)YAZAKI CORPORATION</b> Address of Applicant :4-28, MITA 1-CHOME, MINATO-KU, TOKYO Japan
(32) Priority Date	:21/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)URANO, KAZUMI</b> <b>2)KUROSAWA, TORU</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 connector includes a connector case that has a component receiving part and a female terminal receiving part, a received component that is received in the component receiving part, and a molding material with which a gap between the received component and the component receiving part is filled. The received portion has a holding member, a male terminal, an electronic component connected to the male terminal. An abutting part of the male terminal abuts on a butting part which is provided on an inner peripheral wall of the holding member which forms the terminal insertion opening. The butting part and the abutting part are provided with a contact area increasing part for increasing a contact area between the butting part and the abutting part.

No. of Pages : 40 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4467/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : SAFETY LANYARD AND MANUFACTURING METHOD THEREOF

(51) International classification	:D03D	(71)Name of Applicant :
(31) Priority Document No	:1005042	<b>1)ZEDEL</b>
(32) Priority Date	:22/12/2010	Address of Applicant :ZONE INDUSTRIELLE DE
(33) Name of priority country	:France	CROLLES F-38920, CROLLES France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)HEDE, JEAN-MARC</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 :

This lanyard, which is movable by elasticity between a rest position and a stretched position, comprises a tubular sheath (10) made from non-stretchable material, and a set of elastic threads joined to the sheath. According to the invention, the elastic threads (CH2) define at least one longitudinal weaving zone (Z1, Z2) in which they are woven on one surface (11, 12) of the sheath only, each weaving zone being proper to form a bending zone of the lanyard, in the rest position, in which the elastic threads are folded onto themselves.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.4490/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : STATIONERY TOOL

(51) International classification	:B23B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:099145260	<b>1)SDI CORPORATION</b>
(32) Priority Date	:22/12/2010	Address of Applicant :NO. 260 SEC. 2, CHANG NAN
(33) Name of priority country	:Taiwan	ROAD, CHANG HUA, TAIWAN China
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WU, CHIEN-LUNG</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 stationery tool has a body (10) and a rubber holding device (20). The body (10) has a holding end and a holding recess (11) defined in the holding end. The rubber holding device (20) is detachably or securely mounted in the holding recess (11) for holding a rubber (40) to adjust an extension length of the rubber (40) relative to the body (10) and has a clamping segment (21) and a guiding segment (23). The clamping segment (21) has multiple clamping protrusions (213) for pressing against the rubber (40). The guiding segment (23) extends outwardly and makes an opening of the rubber holding device (20) have a distance from the clamping segment (21). Accordingly, the stationery tool has capabilities of adjusting an extension length of the rubber (40) and conveniently replacing a used rubber (40).

No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4471/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : PRODUCTION OF PARAFFINIC FUELS FROM RENEWABLE MATERIALS USING A CONTINUOUS HYDROTREATMENT PROCESS

(51) International classification	:C10G	(71)Name of Applicant :
(31) Priority Document No	:10/05.027	<b>1)IFP ENERGIES NOUVELLES</b>
(32) Priority Date	:22/12/2010	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU, 92852 RUEIL-MALMAISON CEDEX France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)DUPASSIEUX, NATHALIE</b>
Filing Date	:NA	<b>2)CHAPUS, 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 invention concerns a process for hydrotreating a feed originating from renewable sources such as vegetable oils to produce paraffinic hydrocarbons in the presence of hydrogen in excess over the theoretical hydrogen consumption and under hydrotreatment conditions in a fixed bed reactor having a plurality of catalytic zones disposed in series and comprising a hydrotreatment catalyst. The total feed flow is divided into a certain number of different part flows equal to the number of catalytic zones in the reactor; the various part flows are injected into the successive catalytic zones in increasing proportions to produce an effluent comprising paraffinic hydrocarbons. The effluent undergoes a separation step in order to separate a gas fraction and a liquid fraction containing the paraffinic hydrocarbons. At least a portion of said liquid fraction is recycled to the first catalytic zone so that the weight ratio between said recycle and the part flow introduced into the first catalytic zone is 10 or more.

No. of Pages : 37 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.4473/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : VEHICLE BODY FRAME OF MOTORCYCLE

(51) International classification	:B62K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-286390	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:22/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)NAKATA, MASATO</b> <b>2)KANAI, YUKI</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 technique which can realize the further reduction of cost of a vehicle body frame of a motorcycle where angular pipes are joined to each other. [Means for Resolution] A vehicle body frame 11 of a motorcycle 10 includes: a main frame 51 which extends rearward in the longitudinal direction of the vehicle from a head pipe 12; a seat rail 52 which extends rearward in the longitudinal direction of the vehicle approximately horizontally from a rear end 51b of the main frame,- and a pivot frame 54 which extends vertically downward from the rear end 51b of the main frame. Joint portions 123, 124 which are formed obliquely as viewed in a side view of the vehicle are formed on a front end 52a of the seat rail and an upper end 54a of the pivot frame respectively, and these joint portions 123, 124 are joined to each other.

No. of Pages : 43 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.451/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING CHANNEL QUALITY CONTROL INFORMATION IN A WIRELESS ACCESS SYSTEM

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/443,207	<b>1)LG ELECTRONICS INC.</b>
(32) Priority Date	:15/02/2011	Address of Applicant :20 YEOUIDO-DONG, 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)JANG, JIWOONG</b>
Filing Date	:NA	<b>2)CHUNG, JAEHOON</b>
(87) International Publication No	: NA	<b>3)NOH, MINSEOK</b>
(61) Patent of Addition to Application Number	:NA	<b>4)KO, HYUNSOO</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a method for transmitting channel quality control information using two transport blocks in a wireless access system that supports hybrid automatic retransmit request (HARQ). The method may include the steps of receiving a physical downlink control channel (PDCCH) signal including downlink control information (DCI); calculating the number of coded symbols, Q', required to transmit the channel quality control information using the DCI; and transmitting the channel quality control information through a physical uplink shared channel (PUSCH) on the basis of the number of coded symbols.

No. of Pages : 93 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4548/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : LUBRICANT DISTRIBUTOR AND LUBRICATING SYSTEM

(51) International classification	:C10M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:20 2010 016 974.7	<b>1)LINCOLN GMBH</b> Address of Applicant :HEINRICH-HERTZ-STRASSE 2-8, 69190 WALLDORF Germany
(32) Priority Date	:27/12/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Germany	<b>1)PALUNCIC, ZDRAVKO</b> <b>2)SCHONFELD, ANDREAS</b> <b>3)CVETANOVIC, MILOS</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 pertains to a lubricant distributor for distributing lubricant to several lubricating points, with a cavity (10), in which a piston (11) is arranged in a sealed and movable fashion, wherein several lubricant outlets (8), which are sealed relative to the cavity (10) by the piston (11), lead into said cavity, with a lubricant inlet (7), from which at least one inlet channel (12,13) leads into the cavity (10), and with a drive unit (15) for moving the piston (11) in the cavity (10) in a defined fashion. In this case, at least one channel (14) is formed in the piston (11) and makes it possible to produce a fluidic connection between the at least one inlet channel (7) and one of the lubricant outlets (8) depending on the position of the piston (11) within the cavity (10). The invention furthermore pertains to a lubricating system with such a lubricant distributor (1) and a lubricant pump (2) that is connected to the lubricant inlet (7) via a line (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.455/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : SADDLE-RIDE TYPE VEHICLE

(51) International classification	:A63G	(71) <b>Name of Applicant :</b> <b>1)HONDA MOTRO CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(31) Priority Document No	:2011-026306	(72) <b>Name of Inventor :</b> <b>1)HAYASHI, TAKAZUMI</b> <b>2)ATSUCHI, MICHIO</b> <b>3)KAWAMATA, MASAHIRO</b>
(32) Priority Date	:09/02/2011	
(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 :

[Object] To provide a saddle-ride type vehicle which can protect a canister and, at the same time, allow a fuel tank to have an enough volume, without involving an increase in the size of the vehicle. [Constitution] A motorcycle 10 includes a pair of left and right seat rails 23L, 23R, a fuel tank 44 attached to the seat rails 23L, 23R, a rear fender arranged below the fuel tank 44, and a canister 45 arranged above the rear fender 48 and adsorbing fuel gas which evaporates in the fuel tank 44. The canister 45 is arranged under a rear portion of the fuel tank 44, at least partially superposed on the fuel tank as viewed from a plan view of the vehicle, and arranged in a vehicle forward direction with respect to a cross member 136 which interconnects rear portions of the pair of left and right seat rails.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4566/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : COOLING AIR INTAKE STRUCTURE FOR V-BELT CONTINUOUSLY VARIABLE TRANSMISSION

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:2010-291486	<b>1)HONDA MOTOR CO., LTD.</b> Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(32) Priority Date	:28/12/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	<b>1)MOTOKI, MASAKAZU</b>
(86) International Application No	:NA	<b>2)IGARI, TAKEO</b>
Filing Date	:NA	<b>3)YAMAGUCHI, SATOSHI</b>
(87) International Publication No	: NA	<b>4)TO, TAKAHIRO</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 cooling air intake structure for a V-belt continuously variable transmission, which is capable of reducing the entrance of dust and the like, and whose distention sideward from the vehicle and upward above the power unit can be inhibited. [Solving Means] Provided is a cooling air intake structure for a V-belt continuously variable transmission in a power unit 5 having a V-belt continuously variable transmission 30 beside a rear wheel 6 in a vehicle 1, wherein a cylinder section 52 of an internal combustion engine 2, which is covered with a cooling shroud 65, is provided, directed toward a vehicle front from a crankshaft 51 to which a driving pulley 33 of the V-belt continuously variable transmission is attached, a cooling air passage 90 for guiding the cooling air to a lateral side of a cooling fan 93 provided to an outer surface of the driving pulley is formed, communicating with an inside of a cooling air duct 80 provided by being connected to a transmission chamber 32 for housing the V-belt continuously variable transmission, and extending toward the vehicle front, and an upstream portion of the cooling air duct includes a cooling air intake port 82 which bends back in the shape of the letter U by bending upward along a side surface of the cooling shroud and thereafter bending rearward, and which faces toward a vehicle rear.

No. of Pages : 57 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.457/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : STANDBY SYSTEM CALCULATOR, CLUSTER SYSTEM, METHOD OF PROVIDING SERVICE, AND RECORDING MEDIUM

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:2011-027243	1)NEC CORPORATION Address of Applicant :7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan
(32) Priority Date	:10/02/2011	
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MURATA, AKIHIRO
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A standby system calculator communicates with a currently-used system calculator for retaining data about a service, providing the service by using the data, and updating the data along with provision of the service. The standby system calculator includes a retainer that retains a copy of the data and a provider that provides the service by using the copy of the data while restricting an updating operation for updating the copy of the data in the retainer when a predetermined signal that indicates that the currently-used system calculator is operating and that has been transmitted from the currently-used system calculator to the standby system calculator, cannot be received for a predetermined period of time.

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/02/2012

(21) Application No.459/CHE/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : INKJET PRINTING APPARATUS AND PRINT HEAD RECOVERY METHOD

(51) International classification	:B41J	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-028479	<b>1)CANON KABUSHIKI KAISHA</b> Address of Applicant :30-2, SHIMOMARUKO 3-CHEOME, OHTA-KU, TOKYO Japan
(32) Priority Date	:14/02/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)HIROSAWA, SUSUMU</b> <b>2)KANDA, HIDEHIKO</b> <b>3)KANO, YUTAKA</b> <b>4)MURO, KENTAROU</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 inkjet printing apparatus and a print head recovery method are provided according to which, in an environment in which dust (e.g., paper dust) is easily attached to the periphery of an ejection port of a print head, the print head is subjected to a recovery operation depending on the level of the attached dust. The inkjet printing apparatus has a cutter unit for cutting a print medium and a recovery unit for performing the recovery operation by wiping the ejection port formation portion at which the ejection port is formed of the print head while sucking the ejection port formation portion. When the passing number showing how many times the cut part of the print medium cut by the cutter passes the printing position is equal to or higher than a threshold value, the recovery means subjects the print head to the recovery operation.

No. of Pages : 69 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/09/2011

(21) Application No.6647/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CRASH CUSHION

(51) International classification	:E01F 9/018	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:60/610,104	<b>1)ENERGY ABSORPTION SYSTEMS, INC.</b>
(32) Priority Date	:15/09/2004	Address of Applicant :2525 N STEMMONS FREEWAY
(33) Name of priority country	:U.S.A.	DALLAS TX 75207 U.S.A.
(86) International Application No	:PCT/US05/32354	(72) <b>Name of Inventor :</b>
Filing Date	:08/09/2005	<b>1)LA TURNER, JOHN, F.</b>
(87) International Publication No	: NA	<b>2)OBERTH, MICHAEL, H.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)WILKINSON, DOUGLAS, E.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:	
Filed on	:01/01/1900	

(57) Abstract :

A vehicle crash cushion for decelerating a vehicle includes front and rear anchors spaced along a longitudinal direction and at least one deformable attenuator member extending in the longitudinal direction and having a first end coupled to the front anchor and a second end coupled to the rear anchor. A support member is positioned adjacent the attenuator member and is moveable in the longitudinal direction relative thereto between at least an initial position and an impact position toward the rear anchor and away from the front anchor. At least one deforming member is mounted on the support member and is engaged with at least a portion of the attenuator member. In another aspect, a vehicle crash cushion includes first and second side panels each having at least one longitudinally extending ridge and at least one longitudinally extending valley. The first side panel is moveable relative to the second side panel in response to an axial force being applied to the elongated frame. A connector includes at least one first strap portion disposed in the valley of and connected to the first, side panel and at least one second strap portion disposed adjacent to and connected to at least one ridge of the second side panel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/09/2011

(21) Application No.6696/CHENP/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : CRASH CUSHION

(51) International classification	:E01F 9/018
(31) Priority Document No	:60/610,104
(32) Priority Date	:15/09/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/32354
Filing Date	:08/09/2005
(87) International Publication No	:WO/2006/031701
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:1093/CHENP/2007 :08/09/2005

(71)Name of Applicant :

1)ENERGY ABSORPTION SYSTEMS, INC.

Address of Applicant :ONE EAST WACKER DRIVE,  
CHICAGO, IL 60601 U.S.A.

(72)Name of Inventor :

1)LA TURNER, JOHN, F.

2)OBERTH, MICHAEL, H.

3)WILKINSON, DOUGLAS, E.

(57) Abstract :

A vehicle crash cushion for decelerating a vehicle includes front and rear anchors spaced along a longitudinal direction and at least one deformable attenuator member extending in the longitudinal direction and having a first end coupled to the front anchor and a second end coupled to the rear anchor. A support member is positioned adjacent the attenuator member and is moveable in the longitudinal direction relative thereto between at least an initial position and an impact position toward the rear anchor and away from the front anchor. At least one deforming member is mounted on the support member and is engaged with at least a portion of the attenuator member. In another aspect, a vehicle crash cushion includes first and second side panels each having at least one longitudinally extending ridge and at least one longitudinally extending valley. The first side panel is moveable relative to the second side panel in response to an axial force being applied to the elongated frame. A connector includes at least one first strap portion disposed in the valley of and connected to the first, side panel and at least one second strap portion disposed adjacent to and connected to at least one ridge of the second side panel.

No. of Pages : 69 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.6739/CHENP/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : SENSOR FOR DETECTING BUBBLES IN A LIQUID FLOWING THROUGH A FLOW PATH

(51) International classification	:A61M 5/142	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:09154369.4	
(32) Priority Date	:05/03/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/IB2010/050910	
Filing Date	:03/03/2010	
(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	

(57) Abstract :

The invention relates to a sensor (102 202 402 502) for detecting bubbles in gas phase present in a liquid (208 408 527) flowing through a flow path (204 406 508). The sensor comprises a heating element (106 210) for heating the liquid which heating element is provided with a predetermined level of power at least during detecting and a transducer arrangement (108 112 212) arranged for generating a measurement signal (114) indicative for the temperature of the heating element. The sensor furthermore comprises a comparator arrangement (116) for comparing a measurement value of the measurement signal with a predetermined threshold level which predetermined threshold level corresponds to a reference temperature attainable by the heating element in response to said predetermined level of power and a minimum velocity attainable by the liquid in the flow path. Based on the latter comparison, the comparator arrangement generates an output signal (118) indicative for a possible presence of bubbles in gas phase.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2011

(21) Application No.4493/CHE/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD FOR CONTROLLING A CONVERTER

(51) International classification	:H03M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10196987.1	<b>1)ABB RESEARCH LTD.</b>
(32) Priority Date	:24/12/2010	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(33) Name of priority country	:EPO	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)GEYER, TOBIAS</b>
Filing Date	:NA	<b>2)KIEFERNDORF, FREDERICK</b>
(87) International Publication No	: NA	<b>3)PAPAFOTIOU, GEORGIOS</b>
(61) Patent of Addition to Application Number	:NA	<b>4)OIKONOMOU, NIKOLAOS</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A converter 12 for an electrical system 10 is controlled in such a way, that switching sequences for the converter 12 that have been determined with respect to a certain first optimization goal are modified in a second step in such a way, that the switching sequence is further optimized by correcting a flux error that may be the result of assumptions on which the first optimization of the switching sequence is based.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/08/2011

(21) Application No.6090/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : COMMUNICATION PARAMETER SETTING PROCESSING METHOD, COMMUNICATION APPARATUS, CONTROL METHOD THEREFOR, AND PROGRAM

(51) International classification	:H04L12/28
(31) Priority Document No	:2006-292710
(32) Priority Date	:27/10/2006
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2007/70013
Filing Date	:05/10/2007
(87) International Publication No	:WO 2008/050622 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2795/CHENP/2009
Filed on	:05/10/2007

(71)Name of Applicant :

1)CANON KABUSHIKI KAISHA

Address of Applicant :30-2, SHIMOMARUKO 3-CHOME,  
OHTA-KU, TOKYO Japan

(72)Name of Inventor :

1)FUJII, KENICHI

(57) Abstract :

When the role of a receiver is not predetermined, it is impossible to uniquely determine the transfer direction of communication parameters. A communication apparatus comprises: discrimination means adapted to discriminate a function of another communication apparatus with respect to communication parameter setting processing when the self communication apparatus is a candidate for a providing apparatus of communication parameters; setting means adapted to set the function of the self communication apparatus as a receiving apparatus of communication parameters upon detecting an apparatus that is confirmed as a providing apparatus of communication parameters before a set time elapses; and execution means adapted, if the setting means sets the function as the receiving apparatus, to execute, as a receiving apparatus of communication parameters, the communication parameter setting processing with the providing apparatus.

No. of Pages : 42 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.622/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : MILLING MACHINE WITH A PLURALITY OF SPINDLES AND INDIVIDUALLY REPLACEABLE TOOLS

(51) International classification	:B23Q	(71)Name of Applicant :
(31) Priority Document No	:10 2011 004 536.8	<b>1)HOMAG HOLZBEARBEITUNGSSYSTEME GMBH</b> Address of Applicant :HOMAGSTRASSE 3-5, 72296, SCHOPFLOCH Germany
(32) Priority Date	:22/02/2011	(72)Name of Inventor :
(33) Name of priority country	:Germany	<b>1)KALMBACH, WILHELM</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 :

Multi-profile milling apparatus having a plurality of spindles, wherein a first tool is in a working position and a second tool can be brought into the working position. An additional spindle is provided between a sliding cylinder for the second tool and the tool. When the second tool is in the working position, the machining profile of the second tool overlies the machining profile of the first tool so that a workpiece to be machined acquires the second machining profile. Furthermore, the individual tools can be replaced individually in an uncomplicated manner.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.6916/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD FOR MEASURING RESISTANCE OR SENSITIVITY TO DOCETAXEL

(51) International classification	:C12Q 1/68
(31) Priority Document No	:60/634,298
(32) Priority Date	:08/12/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/043578
Filing Date	:01/12/2005
(87) International Publication No	:WO/2006/062811
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:2444/CHENP/2007 :01/12/2005

(71)Name of Applicant :

1)AVENTIS PHARMACEUTICALS INC.

Address of Applicant :55 CORPORATE DRIVE,  
BRIDGEWATER, NEW JERSEY 08807 U.S.A.

(72)Name of Inventor :

1)GRUENEBERG, DORRE

2)HUANG, XI

3)NATESAN, SRIDARAN

4)AUGUST, PAUL

(57) Abstract :

The present invention relates to a method for predicting or monitoring a cancer patient's response to a molecule of the taxoid family, comprising the steps of: a) measuring the level of guanylate binding protein 1 (GBP-1) in a test sample from a cancerous area of said patient and a control sample; and b) comparing the measured levels of GBP-1 in the test sample and the control sample; wherein a decrease in the level of GBP-1 measured in the test sample as compared to the control sample indicates an increased sensitivity to a molecule of the taxoid family.

No. of Pages : 138 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.790/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : SOLAR CELL MODULE AND MANUFACTURING METHOD THEREOF

(51) International classification	:H01L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-048335	<b>1)SHARP KABUSHIKI KAISHA</b> Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(32) Priority Date	:04/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)NAKANISHI, HIROYUKI</b> <b>2)ISHIHARA, SEIJI</b> <b>3)ISHIZUKA, ETSUKO</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 solar cell module of the present invention is arranged such that is at least one of two-dimensionally arranged solar cells is positioned on an extended line of a boundary line between other adjacent solar cells. This makes it possible to provide a solar cell module which is less likely to be broken even if a bending stress and/or a twisting stress is applied, as compared to a conventional solar cell module.

No. of Pages : 83 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.6907/CHENP/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : METHOD FOR MEASURING RESISTANCE OR SENSITIVITY TO DOCETAXEL

(51) International classification	:C12Q
(31) Priority Document No	:60/634,298
(32) Priority Date	:08/12/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/043578
Filing Date	:01/12/2005
(87) International Publication No	:WO/2006/062811
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:2444/CHENP/2007 :01/12/2005

(71)Name of Applicant :

1)AVENTIS PHARMACEUTICALS INC.

Address of Applicant :55 CORPORATE DRIVE,  
BRIDGEWATER, NEW JERSEY 08807 U.S.A.

(72)Name of Inventor :

1)GRUENEBERG, DORRE

2)HUANG, XI

3)NATESAN, SRIDARAN

4)AUGUST, PAUL

(57) Abstract :

The present invention relates to a method for predicting or monitoring a cancer patient's response to a molecule of the taxoid family, comprising the steps of: a) measuring the level of protein kinase (BubRI) in a test sample from a cancerous area of said patient and a control sample; and b) comparing the measured levels of BubRI in the test sample and the control sample; wherein a decrease in the level of BubRI measured in the test sample as compared to the control sample indicates an increased resistance to a molecule of the taxoid family.

No. of Pages : 138 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7405/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :13/10/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : USE OF TRANSFORMING GROWTH FACTOR-B RECEPTOR INHIBITORS TO SUPPRESS OCULAR SCARRING

(51) International classification	:A61K 31/538
(31) Priority Document No	:61/170,141
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031433
Filing Date	:16/04/2010
(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)SUMMA HEALTH SYSTEMS LLC**

Address of Applicant :Ophthalmolg Research 525 E.  
Market Street Akron OH 44304 (US) U.S.A.

(72)Name of Inventor :

**1)NAKAMURA Hiroshi**

(57) Abstract :

A pharmaceutical composition useful in the prevention of subconjunctival scarring that may occur after GFS comprising an effective amount of an activin receptor-like kinase 5 inhibitor. Also disclosed is a method of treating corneal haze and subconjunctival scarring that may develop after ocular surgery comprising applying an amount of a pharmaceutical composition including an activin receptor-like kinase 5 inhibitor to a post-surgical site.

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/03/2012

(21) Application No.794/CHE/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND DEVICE FOR RECYCLING COMPRESSED GAS•

(51) International classification	:F15B
(31) Priority Document No	:102011005189.9
(32) Priority Date	:07/03/2011
(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)KRONES AG

Address of Applicant :Bhmerwaldstrasse 5 93073

Neutraubling Germany

(72)Name of Inventor :

1)Klaus VOTH

2)Stefan ROSSMANN

(57) Abstract :

A method and a device for recycling compressed gas are described whereby the compressed gas used in a compressed gas consumer particularly a container blow-moulding machine is fed back into a compressed gas generator. In order to increase the recycling volume it is proposed that the compressed gas from the compressed gas consumer be collected separately and fed back to at least a first and a second pressure range of the pressure generator separately according to pressure stages.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8049/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : BUILDING ENERGY CONSUMPTION ANALYSIS SYSTEM

(51) International classification	:G06F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/176,790	<b>1)Accenture Global Services Limited</b>
(32) Priority Date	:08/05/2009	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	:PCT/US2010/034111	(72) <b>Name of Inventor :</b>
Filing Date	:07/05/2010	<b>1)HEDLEY Jay</b>
(87) International Publication No	: NA	<b>2)TSYPIN Boris</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RAGHU Deepak</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An energy analysis system provides valuable input into building energy expenditures. The system assists with obtaining a detailed view of how energy consumption occurs in a building what steps may be taken to lower the energy footprint and executing detailed energy consumption analyses. The analyses may include as examples a balance point pair analysis to determine either or both of a heating balance point and a cooling balance point an exception rank analysis to identify specific data (e.g. energy consumption data) in specific time intervals for further review or other analysis. The system may display the analysis results on a user interface.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8196/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : KEY FRAMES EXTRACTION FOR VIDEO CONTENT ANALYSIS

(51) International classification	:G06K 9/00	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:09305316.3	
(32) Priority Date	:14/04/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/IB2010/051620	
Filing Date	:14/04/2010	
(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	

(57) Abstract :

A method of extracting a key frame from a sequence of frames constituting a shot each frame being constituted by a matrix of pixels comprises: for each frame of the sequence of frames: computing (3) the optical flow of the frame compared to the following frame as a matrix of displacement of each pixel from the frame to the following frame; computing (5) a motion entropy measure based on the optical flow of the frame; selecting (7) as key frame the frame of the sequence of frames having the maximum motion entropy measure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8197/CHENP/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PLAUSIBLE REFERENCE CURVES FOR DYNAMIC&NBSP; CONTRAST-ENHANCED IMAGING STUDIES

(51) International classification	:G06T 7/00
(31) Priority Document No	:61/168655
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051011
Filing Date	:09/03/2010
(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)CARLSEN Ingwer C.

2)MEETZ Kirsten

3)BREDNO Joerg

4)OLSZEWSKI Mark

(57) Abstract :

A comprehensive strategy is used to determine valid reference time-concentration curves (TCCs) from image data. The image data corresponds to a series of image scans acquired over time for an area of interest of a patient to which a contrast agent was previously administered. The image scans are initially registered to a common coordinate system. Then observed potential reference TCCs in the image scans are compared to modeled reference TCCs to determine if the potential reference TCCs are plausible reference TCCs. Thereafter any plausible reference TCCs are evaluated to determine if they contain residual isolated motion artifacts.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/03/2012

(21) Application No.819/CHE/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : COOLING APPARATUS FOR CONSTRUCTION MACHINE

(51) International classification	:F28F	(71) <b>Name of Applicant :</b> <b>1)KOBELCO CONSTRUCTION MACHINERY CO. LTD.</b>
(31) Priority Document No	:2011-050560	Address of Applicant :12-4 Gion 3-chome Asaminami-ku Hiroshima-shi Hiroshima 731-0138 Japan
(32) Priority Date	:08/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)NAKASHIMA Hajime</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 is directed to a cooling apparatus comprising a plural number of (e.g. first to third) heat exchangers arranged in widthwise side-by-side relation to each other and designed to optimize an air-volume distribution of cooling air passing through cores of the heat exchangers to thereby improve cooling efficiency. Each of the cores 41 51 of the second and third heat exchangers 40 50 disposed at widthwise opposite ends of the first to third heat exchangers 30 40 50 is formed to have a height lower than that of the core 31 of the first heat exchanger 30 disposed at a center of the first to third heat exchangers 30 40 50 whereby a combination of the cores 31 41 51 of the first to third heat exchangers 30 40 50 is formed in a shape corresponding to a projection of a cooling fan 25.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8200/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : DRIVE WITH CURVED LINEAR INDUCTION MOTOR

(51) International classification	:H02K 41/025	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/169327	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:15/04/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:U.S.A.	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051015	(72) <b>Name of Inventor :</b>
Filing Date	:09/03/2010	<b>1)SAPP Joshua</b>
(87) International Publication No	: NA	<b>2)SHERIDAN Rosemarie</b>
(61) Patent of Addition to Application Number	:NA	<b>3)CATTELL JR. Charles L.</b>
Filing Date	:NA	<b>4)NEMENZ Terrance</b>
(62) Divisional to Application Number	:NA	<b>5)DONG Shufang</b>
Filing Date	:NA	<b>6)BREMENOUR Ted A.</b>

(57) Abstract :

A curved linear induction motor direct drive is provided. The rotor of the motor drive is mechanically attached to a rotating frame which in turn holds other components. The rotor may comprise two layers an aluminum ring to provide the principal magnetic interaction with the stator and a steel ring to provide mechanical strength. Such a rotor ring may be manufactured with a compression fit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8201/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR DATA PACKET TRANSMISSION IN A NETWORK

(51) International classification	:H04L 12/40	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:09305320.5	
(32) Priority Date	:15/04/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/IB2010/051478	
Filing Date	:06/04/2010	
(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	

(57) Abstract :

The present invention relates to a method for data packet transmissions between a source node and a destination node in a network the method comprising: - the nodes being configured with an initial sleeping time period duration SPinit and an initial wake-up time period duration LPinit - the source node sending a preamble segmented in micro-preambles for indicating the beginning of a transmission the micro-preambles being separated by listening slots - the destination node sending upon receipt of at least one of the micro-preamble a packet indicating its presence called Ready-To-Receive• or RTR packet and - the source node sending in response to the RTR packet a data packet intended for the destination node wherein the step of sending a preamble comprises: - the source node determining based on SPinit and on LPinit an optimal size of the micro-preambles that minimizes the overall energy consumption in the network for sending and receiving packets related to this preamble transmission.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8202/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : QUANTIFICATION OF MEDICAL IMAGE DATA

(51) International classification	:G06T 7/00
(31) Priority Document No	:09157932.6
(32) Priority Date	:15/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/051564
Filing Date	:12/04/2010
(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)KUMAR Utpal

2)FISCHER Alexander

3)RANJAN Uma Satya

(57) Abstract :

A system is provided for quantification of medical image data. First image obtaining means (1) are for obtaining a first image (A). Second image obtaining means (2) are for obtaining a second image (B). Spatial transformation obtaining means (3) are for obtaining spatial transformation information representing a correspondence between points in the first image and corresponding points in the second image. Identifying means (4) are for identifying a first image region (C) in the first image (A). Transforming means (5) are for transforming the first image region (C) into a corresponding second image region (C<sup>TM</sup>) in the second image (B) based on the spatial transformation information. Quantification means (6) are for computing a quantification relating to the second image region (C<sup>TM</sup>) by accessing image values of the second image (B) within the second image region (C<sup>TM</sup>).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8203/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :09/11/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : BACKBOARD FOR AN AUTOMATED CPR SYSTEM

(51) International classification	:A61H 31/00	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:09157987.0	
(32) Priority Date	:15/04/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/IB2010/051600	(72) <b>Name of Inventor :</b>
Filing Date	:14/04/2010	<b>1)PAULUSSEN Igor W. F.</b>
(87) International Publication No	: NA	<b>2)WOERLEE Pierre H.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NOORDERGRAAF Gerrit J.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A backboard for an automated cardio pulmonary resuscitation system said backboard comprising a board element the board element defining a plane and having a top edge a bottom edge a first side edge and a second side edge; a set of connectors adapted for connection of the backboard to an automated cardio pulmonary resuscitation unit said connectors being provided at said side edges; and at least one set of stabilizing elements extending away from an edge and transversely to said plane.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8204/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : TUMOR TREATMENT USING ULTRASOUND CAVITATION

(51) International classification	:A61N 7/00
(31) Priority Document No	:61/169355
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051456
Filing Date	:02/04/2010
(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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2)UNIVERSITY OF VIRGINIA

(72)Name of Inventor :

1)CHIN Chien Ting

2)HALL Christopher Stephen

3)KLIBANOV Alexander L.

(57) Abstract :

Growth in body tissue is slowed arrested or reversed. In one aspect this is accomplished by providing bubbles (S315) and delivering to cause temporary change in physiology that at least one of retards arrests and reverses said growth a series of one or more pulses (206) of energy to respective focal points (213) at the site of the growth. In another aspect temporary change in physiology such as transient vasospasm (216) in vasculature of a neoplasm is induced via the mechanical non-thermal effects of fluid cavitation caused by the pulses. The bubbles for facilitating the cavitation in some embodiments are afforded by administration of a microbubble agent to the host.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8205/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CLINICAL DECISION SUPPORT SYSTEMS AND METHODS

(51) International classification	:G06F 19/00
(31) Priority Document No	:61/169473
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051013
Filing Date	:09/03/2010
(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)BOROCZKY Lilla

2)XU Ye

3)DRYSDALE Jeremy

4)LEE MICHAEL Chun-chieh

5)ARBASH MEINEL Lina

6)BUELOW Thomas

(57) Abstract :

A clinical decision support (CDS) system comprises: a case grouping sub system (10) including a graphical user interface (30) that is operative to simultaneously display data representing a plurality of patient cases and further configured to enable a user to group selected patient cases represented by the simultaneously displayed data into clinically related groups (32) as selected by the user; a probative features determination sub system (12) that is operative to determine probative features (44) that correlate with the clinically related groups; and a CDS user interface (16) that is operative to receive current patient data relating to a current patient case and to output clinical decision support information based on values of the probative features determined from the received current patient data.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8239/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :10/11/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : CHECKPOINT KINASE 1 INHIBITORS FOR POTENTIATING DNA DAMAGING AGENTS•

(51) International classification	:A61K 31/437	(71) <b>Name of Applicant :</b> <b>1)ARRAY BIOPHARMA INC.</b> Address of Applicant :3200 Walnut Boulder Colorado 80301 United States of America
(31) Priority Document No	:61/168,563	
(32) Priority Date	:11/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/030634	
Filing Date	:09/04/2010	
(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	

(57) Abstract :

A CHK1 inhibitor for administration to a patient with cancer for potentiating a DNA damaging agent is provided.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8240/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :10/11/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR TREATMENT OF HUMAN EXCREMENT

(51) International classification	:A47K 11/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:0908640.6	<b>1)LAM Derek</b>
(32) Priority Date	:20/05/2009	Address of Applicant :RM1703 BLK47 HENG FA
(33) Name of priority country	:U.K.	CHUEN CHAIWAN HONG KONG CHINA
(86) International Application No	:PCT/CN2010/071204	<b>2)CHAN Lai yan</b>
Filing Date	:23/03/2010	(72) <b>Name of Inventor :</b>
(87) International Publication No	: NA	<b>1)LAM Derek</b>
(61) Patent of Addition to Application Number	:NA	<b>2)CHAN Lai yan</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for treatment of human excrement comprises the following steps: (1) providing a chamber (5) having a top opening through which excrement enters the chamber (5); (2) allowing solid excrement to form a layer on a porous plate (6) inside the chamber (5) by gravity wherein excrement is stored firstly at a front storing region (13) and secondly at a rear storing region (14) and allowing urine to fall down into a urine storing region (15) through perforations in the porous plate (6); (3) ventilating the interior of the chamber (5) by a ventilation system and providing an indirect heat source (7) inside the chamber (5). A device for treatment of human excrement comprises the chamber (5) the porous plate (6) with the front storing region (13) and the rear storing region (14) the urine storing region (15) the ventilation system and the indirect heat source (7).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8198/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : UP-CONCENTRATION OF ORGANIC MICROOBJECTS FOR MICROSCOPIC IMAGING

(51) International classification	:G01N 15/06
(31) Priority Document No	:09305317.1
(32) Priority Date	:14/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/051617
Filing Date	:14/04/2010
(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)HULSKEN Bas

2)KUIPER Stein

3)STALLINGA Sjoerd

4)ISAKSSON Bojaokim

5)PONJEE Marc W. G.

6)VAN MEERBERGEN Bart E. G.

7)UNAY Zeynep S.

(57) Abstract :

A method of analyzing a sample fluid containing organic microobjects is proposed. The method comprises the steps of: - up-concentrating (S1) the microobjects by removing in a total time T1 a volume V1 of the sample fluid from the microobjects; - immersing (S2) the microobjects in a transfer fluid or leaving the microobjects in a remaining portion of the sample fluid the remaining portion of the sample fluid then providing the transfer fluid; - filtering (S3) in a total time T3 a volume V3 of the transfer fluid by a filter thereby accumulating the microobjects on the filter; and - generating (S4) an image of the microobjects accumulated on the filter; wherein the throughput V1/ T1 of the step of up-concentrating (S1) is greater than the throughput V3/ T3 of the step of filtering (S3). The filter may be a second filter, and the step of up-concentrating (S1) may involve: - filtering the sample fluid by a first filter, thereby accumulating the microobjects on the first filter. An apparatus or system for analyzing a sample fluid containing organic microobjects is also disclosed.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/11/2011

(21) Application No.8199/CHENP/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : NEEDLE WITH INTEGRATED FIBERS IN THE CUTTING FACETS OF THE BEVEL

(51) International classification	:A61B 5/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:09157976.3	<b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b>
(32) Priority Date	:15/04/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051570	(72) <b>Name of Inventor :</b>
Filing Date	:12/04/2010	<b>1)HENDRIKS Bernardus</b>
(87) International Publication No	: NA	<b>2)BRAUN Augustinus</b>
(61) Patent of Addition to Application Number	:NA	<b>3)HARBERS Rik</b>
Filing Date	:NA	<b>4)VAN DER VOORT Marjolein</b>
(62) Divisional to Application Number	:NA	<b>5)DESJARDINS Adrien</b>
Filing Date	:NA	<b>6)NACHABE Rami</b>

(57) Abstract :

A needle comprises a tip part a holder part a shaft and fibers capable of transmitting light wherein the shaft comprises a distal end connected to the tip part and a proximal end connected to the holder part wherein the tip part comprises a bevel cutting facets and at least one channel for accomodating a fiber and wherein an end section of the fiber is located in the channel and an end surface of the fiber is located at one of the cutting facets. By way of the facets an introduction of the needle into tissue may be facilitated. A further aspect of the invention is a method for producing such a needle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.820/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : IEC 61850 SUBSTATION GATEWAY

(51) International classification	:H04L	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11157128.7	<b>1)ABB TECHNOLOGY AG</b>
(32) Priority Date	:07/03/2011	Address of Applicant :Affolternstrasse 44 CH-8050 Zürich
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)WIMMER Wolfgang</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 :

According to the invention an IEC 61850 NCC server (21) for serving via the MMS/TCP/IP part of IEC 61850 process data from substation Intelligent Electronic Devices IEDs (12) to a Network Control Centre NCC (30) is provided at a gateway IED (20) of a Substation Automation SA system. The NCC server uses functional names for gateway Logical Nodes (LN) corresponding to substation LNs. The functional names are devoid of any reference to a substation IED related name of the substation LNs but can be automatically translated to substation IED related names in case of changing SA communication and substation IED architecture. In other words functional names as defined by the substation section within a SCD file of the SA system are used for the communication link between the gateway IED and the NCC.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8255/CHENP/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : TRANSPARENT OLED DEVICE WITH HIGH INTENSITY

(51) International classification	:H01L 25/04	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:09158160.3	
(32) Priority Date	:17/04/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/IB2010/051577	
Filing Date	:13/04/2010	
(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	

(57) Abstract :

The present invention relates to an organic light emitting device (OLED) (100;200;400;800;900;1000;1100;1200) comprising a first substrate layer (101;201;401;501;701;1004;1104;1205) and a second substrate layer(102;202; 402;502;704; 1005;1105;1206). The device (100;200;400;800;900;1000;1100;1200) further comprises at least a first OLED assembly (103;403;503;901;1001;1101;1202) and a second OLED assembly (104;404;504;902;1002;1102;1203) arranged between the first and the second substrate layers. Each of the first and second OLED assemblies comprises a first electrically conductive layer(105;505;703) a second electrically conductive layer (106;506;706) and an organic light emitting layer (107;507;507<sup>TM</sup>;707) arranged between the first and the second electrically conductive layer. The organic light emitting device (100;200;400;800;900;1000;1100;1200) of the invention allows for an increased light intensity and is suitable for large area applications.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8257/CHENP/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : AGENT-BASED IMAGING

(51) International classification	:A61B 6/00
(31) Priority Document No	:61/170338
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051102
Filing Date	:15/03/2010
(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)SELTZER Paul

2)GOTMAN Schlomo

3)READ Katrina M.

4)DHARAIYA Ekta Dhawal

(57) Abstract :

In one embodiment a method includes correlating via a data correlator (120) contrast delivery information from an injector (118) for a contrast-enhanced imaging procedure with imaging data acquired by an imaging system (100) utilized for the procedure. In another embodiment a method includes performing a pre-procedure validation check on at least one of an injector (118) or an imaging system (100) respectively based on at least one protocol parameter of the imaging system (100) or the injector (118) and generating with the injector (118) or the imaging system (100) a value indicative of the validation check.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8333/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : IMAGING MEASUREMENT SYSTEM WITH A PRINTED ORGANIC PHOTODIODE ARRAY

(51) International classification	:G01T1/20
(31) Priority Document No	:61/171507
(32) Priority Date	:22/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051105
Filing Date	:15/03/2010
(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)DE LEEUW Dagobert M.

5)HASKAL Eliav

(57) Abstract :

An imaging system includes a macro organic photodiode array with rows and columns of printed photodiodes. The array may be bendable for easy manufacture and assembly on a curved support within an imaging system. Two or more layers of photodiodes may be provided for use in a spectral CT imaging system or as slices.

No. of Pages : 42 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.8339/CHENP/2011 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : AUDIO SIGNAL SYNTHESIZING

(51) International classification	:G10L 19/00	(71) <b>Name of Applicant :</b> <b>1)KONINKLIJKE PHILIPS ELECTRONICS N.V.</b> Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(31) Priority Document No	:09158323.7	
(32) Priority Date	:21/04/2009	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/IB2010/051622	(72) <b>Name of Inventor :</b>
Filing Date	:14/04/2010	<b>1)SCHUIJERS Erik G. P.</b>
(87) International Publication No	: NA	<b>2)OOMEN Arnoldus W. J.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)DE BONT Fransiscus M. J.</b>
Filing Date	:NA	<b>4)OSTROVSKYY Mykola</b>
(62) Divisional to Application Number	:NA	<b>5)RIJNBERG Adriaan J.</b>
Filing Date	:NA	<b>6)KOPPENS Jeroen G. H.</b>

(57) Abstract :

An audio synthesizing apparatus receives an encoded signal comprising a downmix signal and parametric extension data for expanding the downmix signal to a multi-sound source signal. A decomposition processor (205) performs a signal decomposition of the downmix signal to generate at least a first signal component and a second signal component, where the second signal component is at least partially decorrelated with the first signal component. A position processor (207) determines a first spatial position indication for the first signal component in response to the parametric extension data and a binaural processor (211) synthesizes the first signal component based on the first spatial position indication and the second signal component to originate from a different direction. The invention may provide improved spatial experience from e.g. headphones by using a direct synthesis of a main directional signal from the appropriate position rather than as a combination of signals from virtual loudspeaker positions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8378/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PREPARATION OF DECITABINE

(51) International classification	:C07H	(71)Name of Applicant :
(31) Priority Document No	:971/CHE/2009	<b>1)Dr. Reddy™s Laboratories Limited</b>
(32) Priority Date	:27/04/2009	Address of Applicant :Dr. Reddys Laboratories Limited 7-1-27 Ameerpet Hyderabad Andhra Pradesh -500 016,India
(33) Name of priority country	:India	<b>2)Dr. Reddy™s Laboratories Inc.</b>
(86) International Application No	:PCT/US2010/032352	(72)Name of Inventor :
Filing Date	:26/04/2010	<b>1)Kolla Naveen Kumar</b>
(87) International Publication No	: NA	<b>2)Neelam Uday Kumar</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Baddam Sudhakar Reddy</b>
Filing Date	:NA	<b>4)Gangula Srinivas</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application relates to processes for the preparation and purification of decitabine and to processes for the preparation of a crystalline form of decitabine.

No. of Pages : 50 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.842/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : A DEVICE FOR ACCUMULATING FLAT MATERIAL IN FLEXIBLE STRIP FORM

(51) International classification	:F02M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:11 51982	<b>1)SLEEVER INTERNATIONAL COMPANY</b>
(32) Priority Date	:10/03/2011	Address of Applicant :15 avenue Arago 91420 Morangis
(33) Name of priority country	:France	France
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)FRESNEL Eric</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 a device for accumulating flat material in flexible strip form the device comprising an accumulator box (11) having a bottom (14) on which the strip accumulates at least during accumulation stages between two end walls (12) and between two side walls (30) that extend so as to face edges of the strip. The accumulator device includes at least one of the following means: rollers (20) mounted idle close to the bottom and on which the strip rests during accumulation stages; air-flow means (21) for establishing a flow of air within the box towards the bottom of the accumulator box; vibrator means (31) for vibrating at least one of the side walls; and adjuster means (41 42 43) for adjusting spacing between the side walls.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.832/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : COMBINED FRAME FOR AN ELECTROMECHANICAL BOX

(51) International classification	:H01R	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:100214127	<b>1)TAIWAN ENCLOSURE SYSTEMS CO. LTD.</b>
(32) Priority Date	:01/08/2011	Address of Applicant :1F No.141 Chifu St. Renwu Dist.
(33) Name of priority country	:Taiwan	Kaohsiung City Taiwan
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)LIU Keng-Fu</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 combined frame for an electromechanical box has two mounting frames (10), multiple modular connectors (20) and four longitudinal beams (30). Each mounting frame (10) has four transversal beams (11). The transversal beams (11) are connected to each other, and each transversal beam (11) has an inner connecting slice (12), an outer connecting slice (13) and two mounting holes (14). The modular connectors (20) are connected to the transversal beams (11), and each modular connector (20) has a female connector (21) and a male connector (22). The female connector (21) is connected to two transversal beams (11) and has an internal connecting segment (211), a stopping arm (213), a reinforcing rib (214) and two mounting posts (215). The male connector (22) is connected to the female connector (21) and has an external connecting segment (221), an abutting segment (223) and a mounting post (224). The longitudinal beams (30) are connected to the mounting posts (224) of the male connectors (22) between the mounting frames (10) and have the same structures as the transversal beams (11) of the mounting frames (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.839/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : ELECTRIC VEHICLE

(51) International classification	:H01M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-047045	<b>1)HONDA MOTOR CO. LTD.</b> Address of Applicant :1-1 Minami-Aoyama 2-chome Minato-ku Tokyo 107-8556 Japan
(32) Priority Date	:04/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)MIYAGAWA Toru</b> <b>2)TANAKA Kunihiro</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 :

[object] To provide an electric vehicle that provides good discharge of residual electric charges of a capacitor, thereby ensuring easy accessibility to the electronic components. [Constitution] An electric vehicle (10) includes a motor drive section (64) that supplies electric power from a main battery (60) to a motor (28) to drive the motor (28). The motor drive section (64) is provided with: an inverter (78) configured to convert direct current from the main battery (60) into alternating current; a capacitor (80) configured to stabilize an operation of the inverter (78); a resistor (86) configured to discharge electric charge of the capacitor (80); and discharge operation means (106) configured to manually make the resistor (86) to discharge the electric charge of the capacitor (80).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.841/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : HYDRAULIC BRAKE ARCHITECTURES FOR AIRCRAFTS FOR BRAKING AT LEAST ONE WHEEL OF THE AIRCRAFT

(51) International classification	:B60T	(71)Name of Applicant :
(31) Priority Document No	:11 51799	<b>1)MESSIER-BUGATTI-DOWTY</b>
(32) Priority Date	:04/03/2011	Address of Applicant :Inovel Parc Sud 78140 Velizy Villacoublay France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)FRANK David</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 :

Aircraft hydraulic parking architecture including a brake with a wheel braking hydraulic actuator a pressure source (Alim) of high-pressure fluid a normal braking hydraulic circuit (C1) including at least pressure control servo valve with a supply port (P) connected to the pressure source (Alim) a return port (R) a utilization port (U) connected to the actuator the brake architecture further including a parking hydraulic circuit (C2) including a parking brake valve (PkBV) having an outlet port (Psi) selectively connected either to the pressure source (Alim) or a lowpressure return circuit (CR) The outlet port (Psi) of the parking brake valve (PkBV) is connected to the return port (R) of the pressure control servo valve.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/03/2012

(21) Application No.852/CHE/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR THERMAL MANAGEMENT OF AN ELECTRIC POWER CONVERSION  
INSTALLATION AND INSTALLATION FOR IMPLEMENTING THE METHOD

(51) International classification	:H05K	(71)Name of Applicant :
(31) Priority Document No	:11 00749	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:11/03/2011	Address of Applicant :35 rue Joseph Monier F-92500 Rueil Malmaison France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)MOREAU Julien</b>
Filing Date	:NA	<b>2)RADU Daniel</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 operating method applies to an electric power conversion installation (1) comprising an enclosure (30) in which a voltage converter (7) and a power electronics device (2) are arranged. The operating method comprises implementation of different routings of a heat transfer fluid according to the operating state of the power electronics device and/or according to the thermal environment in which the installation is located. The electric power conversion installation (1) comprises an enclosure (30) provided with a first compartment (6) in which a voltage converter (7) is arranged and provided with a second compartment (3) in which a power electronics device (2) is arranged. The installation comprises hardware means (11 12 13 14 15 16 17 18) and/or software means for implementing the operating method according to one of the foregoing claims.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.853/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : CONFIGURATION METHOD OF AN ELECTRIC POWER CONVERSION INSTALLATION AND INSTALLATION IMPLEMENTING ONE SUCH METHOD

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:11 00750	<b>1)SCHNEIDER ELECTRIC INDUSTRIES SAS</b>
(32) Priority Date	:11/03/2011	Address of Applicant :35 rue Joseph Monier F-92500 Rueil Malmaison France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:NA	<b>1)RADU Daniel</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 configuration method is designed for an electric power conversion installation (1). The installation comprises several converters (2) and the method comprises a step of determining a set of converters to be activated and an activation step of this set of converters. The electric power conversion installation (1) comprises several converters (2) and hardware means (11 12 13 100) and/or software means for implementing the configuration method.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8543/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : BIOPSY GUIDE SYSTEM WITH AN ULTRASOUND TRANSDUCER AND METHOD OF USING SAME

(51) International classification	:A61B 8/08
(31) Priority Document No	:61/173285
(32) Priority Date	:28/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051782
Filing Date	:23/04/2010
(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)ROBINSON Andrew L.

(57) Abstract :

A multi-position biopsy guide system and a method of using such biopsy guide system is proposed. The biopsy guide system comprises a 2D matrix ultrasound transducer (3) and comprises at least one biopsy needle guide (5) adapted for guiding a biopsy needle along a biopsy path (7). Therein the multi-position biopsy guide system is adapted to controllably guide the biopsy needle along biopsy paths at variable locations with respect to the 2D matrix ultrasound transducer. Preferably a location of the biopsy needle guide (5) with respect to the matrix ultrasound transducer may be determined and an ultrasound image in an image plane aligned with a biopsy path corresponding to the determined location of the biopsy needle guide may be acquired. Thereby a biopsy process may be monitored for various locations and orientations of a guided biopsy needle.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.863/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : WIND TURBINE•

(51) International classification	:F03D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:MI2011A 000375	<b>1)WILIC S.AR.L.</b> Address of Applicant :41 Boulevard du Prince Henri - 1724
(32) Priority Date	:10/03/2011	LUXEMBOURG
(33) Name of priority country	:Italy	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)Matteo CASAZZA</b>
Filing Date	:NA	<b>2)Otto PABST</b>
(87) International Publication No	: NA	<b>3)Alessandro FASOLO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wind turbine having an electric machine (6) in turn having a stator (10) and a rotor (11) which rotates about an axis of rotation (A2) with respect to the stator (10); the rotor (11) having a number of magnetized modules (25) and a number of supports (23) for supporting the magnetized modules (25) and arranged about the axis of rotation (A2); and wherein at least two of the supports (23) are parallel connected electrically.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.866/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : VARIABLE VALVE CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE•

(51) International classification	:F02D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-059168	<b>1)SUZUKI MOTOR CORPORATION</b> Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-ken Japan
(32) Priority Date	:17/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)Yukimori SASAKI</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 variable valve mechanism control apparatus ensures intake negative pressure in an idling state, a decelerating state, a coasting state, and a decelerating and coasting state, to reliably operate accessories or a brake device, with the ensured intake negative pressure. Therefore, in the variable valve mechanism control apparatus of an internal combustion engine including a variable valve mechanism which changes the phase of an operating angle of an engine valve, and a control device which changes the phase of the variable valve mechanism, in a case in which the temperature of the internal combustion engine is greater than a certain value which can be treated as a postwarmup state, the accelerator opening is less than a certain value which can be treated as an idling state, and the intake negative pressure is less than a predetermined value, the phase is changed so as to converge to a predetermined phase at which a predetermined intake negative pressure occurs.

No. of Pages : 26 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.872/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : ADAPTIVE ERROR CORRECTING CODE FOR DATA COMMUNICATIONS OVER A PLASTIC OPTICAL FIBRE

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:11002046.8	1)KNOWLEDGE DEVELOPMENT FOR POF S.L.
(32) Priority Date	:11/03/2011	Address of Applicant :Avda. Ciudad de Barcelona 55 3º Pta. 17 28007 Madrid Spain.
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:NA	1)Rubn Prez de Aranda Alonso
Filing Date	:NA	2)Carlos Pardo Vidal
(87) International Publication 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 efficient coding and modulation system for transmission of digital data over plastic optical fibres. In particular digital signal is coded by means of a three-level coset coding. Spectral efficiency of system is configurable by means of selecting number of bits to be processed in each level. First level applies to digital data a binary BCH coding and performs coset partitioning by means of constellation mapping and lattice transformations. Similarly second level applies another binary BCH coding which may be performed selectively in accordance with desired configuration by two BCH codes with substantially same coding rate operating on codewords of different sizes. The third level is uncoded. Both second and third level undergo mapping and lattice transformation. After addition of levels a second-stage lattice transformation is performed to obtain zero-mean constellation. The symbols output from such three-level coset coder are then further modulated

No. of Pages : 66 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.843/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : AUTOMATED VEHICLE SPEED MEASUREMENT AND ENFORCEMENT METHOD AND SYSTEM

(51) International classification	:G08G 1/00	(71)Name of Applicant :
(31) Priority Document No	:13/044,268	<b>1)XEROX CORPORATION</b>
(32) Priority Date	:09/03/2011	Address of Applicant :45 Glover Avenue P.O. Box 4505 Norwalk Connecticut 06856-4505 U.S.A.
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)DALAL Edul N.</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 automated vehicle speed measurement and enforcement method and system. Traffic can be continuously monitored utilizing an image capturing unit and a controller. The speed of one or more vehicles within an effective field of view of the image capturing unit can be estimated. A burst of radiation from an associated remote sensing device can be triggered when a vehicle is detected having a speed greater than a predetermined value. An accurate speed of the vehicle can then be determined. Additionally a transverse velocity component associated with the vehicle can be computed by the image capturing unit in order to thereafter apply the transverse velocity component to a reading generated by the remote sensing device to correct a cosine error with respect to the remote sensing device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.851/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ROTARY COMPRESSOR

(51) International classification	:F04C	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-052484	<b>1)MITSUBISHI ELECTRIC CORPORATION</b> Address of Applicant :7-3 Marunouchi 2-chome Chiyoda-ku Tokyo 100-8310 Japan
(32) Priority Date	:10/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)ARAI Toshinori</b>
(86) International Application No	:NA	<b>2)TANI Masao</b>
Filing Date	:NA	<b>3)FUKAYA Atsuyoshi</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 :

Downsizing of a compressor is realized without causing a pressure loss of a suction gas channel and a resource-saving high-efficiency low-vibration compact rotary compressor is provided. The rotary compressor of the present invention includes in a sealed container a compression mechanism driven by an electric motor via a crank shaft. The compression mechanism includes a cylinder having a substantially circular cylindrical internal space and a suction port which is formed in a radial direction and adapted to take a low-pressure fluid of a refrigeration cycle into the internal space and a connection pipe which connects the suction port to a suction pipe outside the sealed container. The suction port the connection pipe and the suction pipe each have a noncircular cross-sectional shape which is longer in a rotating direction of the crank shaft than in an axial direction of the crank shaft.

No. of Pages : 41 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.862/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/03/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : WIND TURBINE ROTARY ELECTRIC MACHINE•

(51) International classification	:F03D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:MI2011A 000377	<b>1)WILIC S.AR.L.</b> Address of Applicant :41 Boulevard du Prince Henri - 1724 LUXEMBOURG
(32) Priority Date	:10/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Italy	<b>1)Matteo CASAZZA</b>
(86) International Application No	:NA	<b>2)Georg FOLIE</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 wind turbine rotary electric machine having a rotor (8) which rotates about a given axis (A1) and has a rotary body (12); a plurality of permanent magnets (15) fitted to the rotary body (12); a plurality of cooling channels (22) close to the permanent magnets (15); and a plurality of heat-conducting bodies (23) each located partly contacting at least one permanent magnet (15) and partly inside a cooling channel (22).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2011

(21) Application No.880/CHE/2011 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : MAGNETIC MESOPOROUS FE<sub>2</sub>O<sub>3</sub>-SBA-15 SILICA AS A THERANOSTIC TOOL FOR CELL IMAGING AND THERAPY

(51) International classification	:C01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1) <b>SASTRA University</b>
(32) Priority Date	:NA	Address of Applicant :No. 5 Lakshmi Nivas• Main Road
(33) Name of priority country	:NA	Dr. Subbarayan Nagar Kodampakkam Chennai 600 024
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1) <b>KRISHNAN Uma Maheswari</b>
(61) Patent of Addition to Application Number	:NA	2) <b>SETHURAMAN Swaminathan</b>
Filing Date	:NA	3) <b>GANDHI Sakthivel</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Mesoporous SBA-15 silica was doped with iron oxide through thermal pre-synthesis process. This was modified with APTES (3-aminopropyltriethoxysilane) and APTMS (3-aminopropyltrimethoxysilane), to introduce amine functional group which was used for linking FITC and folic acid. The synthesized and modified materials were characterized by FE-SEM, HR-TEM, VSM, FT-IR, XPS, XRD, BET and 29Si-NMR. The magnetic contrast property of the modified iron oxide incorporated mesoporous silica (Fe2O3-SBA-15) was analyzed with 4.6 T magnetic resonance imaging (MRI) system using phantom assay. The magnetic silica showed excellent longitudinal (R1) and transverse relaxivities (R2) with an R2/R1 ratio close to 1 indicating the potential of this material to be a good magnetic contrast agent. The biocompatibility of the modified material was analyzed through the cell-viability studies with MC3T3 fibroblast cell lines and cell-uptake with Y79 retinoblastoma cell lines in the presence and absence of magnetic silica. Our results demonstrated no significant change in the cell viability between the concentration range 31.3 µg/mL and 250 µg/mL. The tissue compatibility studies using animal models indicated no toxic manifestations. It can be classified as a level II biomaterial. Biodistribution of the magnetic mesoporous silica showed that a major part of the material was eliminated within 60 hours and the magnetic mesoporous silica showed maximum accumulation in the spleen. As the modified iron oxide incorporated mesoporous (Fe2O3-SBA-15) silica has high surface area and porosity, it could also be used as a drug carrier. The presence of large number of functionalities aid in covalent linking of the targeting moieties while, superparamagnetic property of iron oxide in the pores of modified mesoporous silica helps to differentiate the cancerous cell through MRI imaging. The properties of modified iron oxide incorporated ordered mesoporous (Fe2O3-SBA-15) silica materials make it a potential material for the next generation 'theranostic' agent.

No. of Pages : 54 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.8804/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AN INK CONTAINER

(51) International classification	:B41J 2/175
(31) Priority Document No	:2005-161316
(32) Priority Date	:01/06/2005
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP06/311472
Filing Date	:01/01/2006
(87) International Publication No	:WO/2006/129882
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:5511/CHENP/2007 :01/06/2006

(71)Name of Applicant :

1)CANON KABUSHIKI KAISHA

Address of Applicant :3-30-2, SHIMOMARUKO, OHTA-KU, TOKYO 146-8501 Japan

(72)Name of Inventor :

1)WATANABE, KENJIRO

2)MATSUMOTO, HARUYUKI

(57) Abstract :

An ink container, comprising: an ink chamber containing ink; a communication antenna positioned outside of the ink chamber; an information storing portion positioned outside of the ink chamber and storing at least container discrimination information that indicates a color of the ink in the ink chamber; a light emitter positioned outside of the ink chamber; and a controller positioned outside of the ink chamber and configured to control the light emitter based on a command for the light emitter and color information received through the communication antenna and the container discrimination information stored in the information storing portion.

No. of Pages : 144 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.883/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : WIND TURBINE ROTARY ELECTRIC MACHINE•

(51) International classification	:F03D	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:MI2011A 000378	<b>1)WILIC S.AR.L.</b> Address of Applicant :41 Boulevard du Prince Henri - 1724 LUXEMBOURG
(32) Priority Date	:10/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Italy	<b>1)Otto PABST</b>
(86) International Application No	:NA	<b>2)Matteo CASAZZA</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 wind turbine rotary electric machine having a tubular body (12) in turn having a cylindrical wall (16); and a plurality of clips (24) formed integrally with the cylindrical wall (16) and designed so that each pair of facing clips (24) defines a seat (25) for housing an active sector (13).

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.894/CHE/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : VEHICLE ORNAMENT DEVICE

(51) International classification	:G09F	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-164198	<b>1)HONDA ACCESS CORP.</b> Address of Applicant :8-18-4, NOBIDOME, NIIZA-SHI, SAITAMA-352-8589 Japan
(32) Priority Date	:27/07/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)ARAKI, YUSUKE</b>
(86) International Application No	:NA	<b>2)IMAIKUMI, KOJI</b>
Filing Date	:NA	<b>3)HAYAKAWA, HIDEKAZU</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 :

There is provided a vehicle ornament device fixed inside or outside a vehicle interior, and allowing a logo plate to be easily installed and replaced. A logo plate engaged with an applicator is inserted into and removed from a second opening section on a side end surface of the device in a longitudinal direction. The applicator is fixed to the logo plate through a first engagement section and a first engagement receiving section. The applicator is fixed to a first case through a second engagement section and a second engagement receiving section. The device includes a light path blocking section blocking a light path from a side end surface of the logo plate. The light path blocking section is an end section of the applicator in a sliding direction that reaches and partially surrounds the logo plate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/12/2011

(21) Application No.9061/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND SYSTEM FOR IMAGING PATIENTS WITH A PERSONAL MEDICAL DEVICE

(51) International classification	:G06F 19/00
(31) Priority Document No	:61/177669
(32) Priority Date	:13/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051542
Filing Date	:09/04/2010
(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)WALKER Matthew J.

2)OLSZEWSKI Mark E.

(57) Abstract :

A method and system are provided for detecting the presence of a personal medical device within a patient. A method and system are provided for determining the location and type of the personal medical device as well as other characteristics of the device. A method and system are provided for adapting or customizing a medical imaging procedure to avoid interfering with a personal medical device or to diminish the risk of device interference or malfunction. A method and system are provided for interfacing with health record databases regulatory databases medical device databases or other types of databases to gather information regarding a particular patient™s personal medical device and to update said databases with additional information regarding the personal medical device if any is gathered.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/12/2011

(21) Application No.9062/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : A DISPLAY APPARATUS AND A METHOD THEREFOR

(51) International classification	:G06T 3/40
(31) Priority Document No	:09160124.5
(32) Priority Date	:13/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/052001
Filing Date	:06/05/2010
(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)VELTHOVEN Leo J.

2)VOLLEBERG Guido T. G.

3)MERTENS Mark M. J. W.

(57) Abstract :

A display apparatus for presenting an image comprises an image receiver (101) for receiving an image to be displayed. An image analyzer (103) performs a local image profile analysis on at least a first region of the image to determine a pixel value spatial variation characteristic. The image analyzer (103) is coupled to a scaling processor (105) which scales at least a second region of the image in response to the pixel value spatial variation characteristic. The scaling processor (105) is coupled to a presentation controller (107) which presents the scaled image. The scaling may specifically be adjusted dependent on a sharpness or spatial frequency characteristics of the image. The invention may allow an improved adaptation of the presentation of one or more images to the specific characteristics of the image(s).

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9063/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :06/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : USER INTERFACE WITH CIRCULAR LIGHT GUIDED RING WITH ADAPTIVE APPEARANCE DEPENDING ON FUNCTION

(51) International classification	:H05B 37/02
(31) Priority Document No	:09160098.1
(32) Priority Date	:13/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2010/051941
Filing Date	:04/05/2010
(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.KONINKLIJKE PHILIPS ELECTRONICS N.V.  
Address of Applicant :GROENEWOUDSEWEG 1  
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(72)Name of Inventor :

- 1)PEZZUTTI Daniel K.
- 2)VAN DE VEN Ramon E. F.
- 3)DE GOEDEREN-OEI Ay L.
- 4)PELZER Thomas J. G.
- 5)HULTERMANS Martijn M.
- 6)DAMMER Henk A.

(57) Abstract :

The present invention relates to a control device adapted to control properties of light emitted from a light source. The control device may comprise a touch-sensitive user interface adapted to visually indicate a range of available values representing at least one of the properties and to enable a user to control the represented property on the basis of a location touched on the touch-sensitive user interface. The controlled property may be adjusted by means of a communication unit adapted to communicate to the light source control signals corresponding to user input. The control device may be adapted to enable the user to control a property associated with an activation area with the user interface upon activation of the activation area by the user.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/12/2011

(21) Application No.9064/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : AUDIO FEEDBACK AND DEPENDENCY ON LIGHT FUNCTIONALITY AND SETTING

(51) International classification	:H05B 33/08	(71)Name of Applicant :
(31) Priority Document No	:09160100.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:13/05/2009	Address of Applicant :GROENEWOUDSEWEG 1
(33) Name of priority country	:EPO	EINDHOVEN 5621 BA NETHERLANDS
(86) International Application No	:PCT/IB2010/051992	(72)Name of Inventor :
Filing Date	:06/05/2010	1)PELZER Thomas J. G.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a control device (1) for providing audio feedback in response to control of visual parameters said control device comprising an audio signal transmitter a user interface (3) for controlling the visual parameters a communication unit (2) adapted to control the visual parameters by means of communicating control signals effected by said user interface being operated by a user such that the audio signal transmitter transmits an audio signal in reply to the control of an associated visual parameter by means of the user interface being operated a characteristic of which audio signal being arranged such that the signal audibly identifies the controlled visual parameter.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.907/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : SCROLL-TYPE COMPRESSOR FOR VEHICLE

(51) International classification	:F04C	(71) <b>Name of Applicant :</b> <b>1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI</b> Address of Applicant :2-1 Toyoda-cho Kariya-shi Aichi-ken Japan
(31) Priority Document No	:2011-055207	
(32) Priority Date	:14/03/2011	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)MURAKAMI Kazuo</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 scroll-type compressor for a vehicle comprising a housing a fixed scroll and a movable scroll provided in the housing and a drive mechanism that is provided in the housing and that drives the movable scroll in a manner that disables rotating and enables orbit by rotation of a drive shaft supported at a front end and a rear end by a front bearing device and a rear bearing device is provided. The housing includes a first housing a second housing and a third housing. The compression includes a vibration isolator that is provided between the movable scroll and the first housing wherein the vibration isolator is made of a vibration absorbing material and is capable of absorbing vibrations generated at the movable scroll to thereby prevent transfer of the vibrations from the movable scroll to the mounting member via the first housing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.916/CHE/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : RESIN COMPOSITION AND LIGHTING FIXTURE COMPONENTS MADE OF THE SAME

(51) International classification	:C08K	(71) <b>Name of Applicant :</b> <b>1)SUMITOMO CHEMICAL COMPANY LIMITED</b> Address of Applicant :27-1 Shinkawa 2-chome Chuo-ku
(31) Priority Document No	:2011-056202	Tokyo 104-8260 Japan
(32) Priority Date	:15/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)ATARASHI Kenji</b>
(86) International Application No	:NA	<b>2)HAMA Hisakatsu</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 is a resin composition including a thermoplastic resin (A) carbon fibers (B) graphite particles (C) an absorbent (D) selected from the group consisting of calcium hydroxide zeolite and hydrotalcite and an antioxidant (E) or a combination of an antioxidant (E) and a compound (F) selected from a compound group consisting of compounds represented by CH<sub>n</sub>OH where n represents an integer of 4 or greater alkoxy forms derived from compounds represented by the following formula (2) trehalose sucrose lactose maltose melicitose stachyose curdlan glycogen glucose and fructose. A lighting fixture component made of this resin composition is also disclosed.

No. of Pages : 54 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.917/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : CYLINDER BLOCK OF PISTON-TYPE COMPRESSOR AND METHOD FOR  
MANUFACTURING THE SAME

(51) International classification	:F04B	(71)Name of Applicant :
(31) Priority Document No	:2011-056424	<b>1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI</b> Address of Applicant :2-1 Toyoda-cho Kariya-shi Aichi-ken Japan
(32) Priority Date	:15/03/2011	(72)Name of Inventor :
(33) Name of priority country	:Japan	<b>1)KOBAYASHI Toshiyuki</b>
(86) International Application No	:NA	<b>2)ISHIKAWA Mitsuyo</b>
Filing Date	:NA	<b>3)KONDO Jun</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 cylinder block of a piston-type compressor includes a main cylinder block a shaft hole formed through the main cylinder block a plurality of cylinder bores formed in the main cylinder block around the shaft hole a separation wall formed integrally with the main cylinder block and closing one end of the cylinder bore a first hole formed through the separation wall and a second hole formed linearly and connecting the cylinder bore and the shaft hole. The first hole is formed so that the first hole is located on an extended line of axis 0 of the second hole and the diameter of the first hole is equal to or more than that of the second hole.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.9231/CHENP/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHODS AND APPARATUS FOR A PLUG-IN MODEL FOR PUBLISHING STRUCTURED META-DATA BASED DISCOVERY

(51) International classification	:H04L 29/08	(71) <b>Name of Applicant :</b> <b>1)QUALCOMM Incorporated</b> Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121-1714 USA.
(31) Priority Document No	:61/186,319	
(32) Priority Date	:11/06/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/038440	
Filing Date	:11/06/2010	
(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	

(57) Abstract :

Methods and apparatus for publishing services and performing queries for service in a network are described herein. Service descriptions written in a native search description language are translated to a normalized schema. The normal schema is published to the network. Queries to the network which may be written in any native search description language are also translated to normalized schema prior to performing the search. Accordingly all services available can be published and located in a query without consideration of the native search description language.

No. of Pages : 68 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.915/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : BATTERY STATE MONITORING DEVICE•

(51) International classification	:H01M	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2011-064000	<b>1)SUZUKI MOTOR CORPORATION</b> Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-Ken 4328611 Japan
(32) Priority Date	:23/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)Seiji BITO</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 battery state monitoring device includes a battery pack including at least one battery cell, and a measuring circuit that measures a state of the battery cell, the measuring circuit including temperature measuring means for measuring a temperature of the battery cell, current measuring means for measuring a current flowing through the battery cell, and voltage measuring means for measuring a voltage of the battery cell, and including a calculation circuit in parallel, wherein the battery state monitoring device calculates a predetermined voltage corresponding to a predetermined state of charge of the battery cell, based on the temperature of the battery cell and the current of the battery cell, using a predetermined operational expression including a temperature quadratic exponential function and a temperature linear function, and compares the voltage of the battery cell with the predetermined voltage calculated using the operational expression to determine the predetermined state of charge of the battery cell.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.918/CHE/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : RESIN COMPOSITION AND LIGHTING FIXTURE COMPONENT MADE OF THE SAME

(51) International classification	:C08K	(71) <b>Name of Applicant :</b> <b>1)SUMITOMO CHEMICAL COMPANY LIMITED</b> Address of Applicant :27-1 Shinkawa 2-chome Chuo-ku
(31) Priority Document No	:2011-056201	Tokyo 104-8260 Japan
(32) Priority Date	:15/03/2011	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Japan	<b>1)ATARASHI Kenji</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 :

Disclosed is a resin composition comprising from 40% by mass to 65% by mass of a thermoplastic resin (A) from 5% by mass to 10% by mass of carbon fibers (B) and from 30% by mass to 50% by mass of graphite particles (C) having an average particle diameter of larger than 12  $\mu\text{m}$  and up to 50  $\mu\text{m}$  where the total amount of the thermoplastic resin (A) the carbon fibers (B) and the graphite particles (C) shall be 100% by mass wherein the melt flow rate measured at 230°C and under a load of 2.16 kg in accordance with JISK-7210 is from 0.5 g/10 minutes to 30 g/10 minutes. A lighting fixture component made of the resin composition is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.919/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : RIGID AXLE ARRANGEMENT IN A VEHICLE&NBSP; IN PARTICULAR A COMMERCIAL VEHICLE

(51) International classification	:B60G	(71)Name of Applicant :
(31) Priority Document No	:10 2011 014 106.5	1)MAN Truck & Bus AG Address of Applicant :Dachauer Str. 667 80995 M¼nchen
(32) Priority Date	:16/03/2011	Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:NA	1)GR-TZINGER Josef
Filing Date	:NA	2)UMLING Wilhelm
(87) International Publication No	: NA	3)WITTMANN Thomas
(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 rigid axle arrangement in a vehicle, in particular a commercial vehicle, comprising a rigid axle having an axle body disposed in the vehicle transverse direction, from which axle body a fastening bracket for a multipoint link projects upwardly, the link arms of the multi-point link being indirectly or directly articulated on one side to a multi-point link attachment region of the fastening bracket on the bracket side located at a distance above the axle body, viewed in the direction of the vehicle vertical axis, and on the other side to a frame of the vehicle. According to the invention the multi-point link attachment region (12) on the bracket side is arranged at a distance above a longitudinally central region (9) of the axle body (2), in relation to the direction of longitudinal extent of the axle body (2), at least one bracket arm (18, 19) in each case extending downwardly to the axle body (2), starting from the multi-point link attachment region (12) on the bracket side, and being attached to the axle body (2) on opposite sides of the longitudinally central region (9) thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1531/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :08/12/2011

(43) Publication Date : 14/06/2013

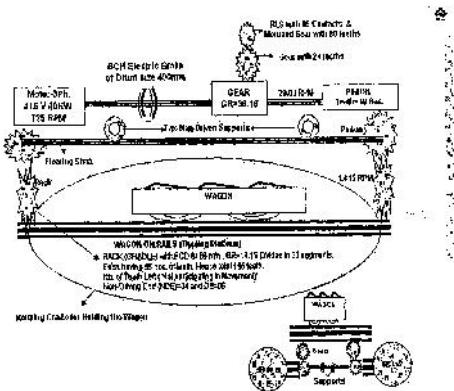
(54) Title of the invention : A WAGON TIPPLER COMPRISING WARM REDUNDANT TIPPING CONTROL SYSTEM WITH SENSORLESS COUNTING OF WAGONS TIPPED

(51) International classification	:B65G67/48	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)STEEL AUTHORITY OF INDIA LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(33) Name of priority country	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-
(86) International Application No	:NA	834002 Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)GUPTA PRASHANT</b>
(61) Patent of Addition to Application Number	:NA	<b>2)MAZUMDAR SUSANTA</b>
Filing Date	:NA	<b>3)SHANMUGAM ILANGOVAN</b>
(62) Divisional to Application Number	:NA	<b>4)KUMAR DEEPAK</b>
Filing Date	:NA	<b>5)SINGH ARUN KUMAR PRASAD</b>
		<b>6)KUMAR SHASHI BHUSHAN</b>
		<b>7)SHAHU SHATRUHAN LAL</b>

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(57) Abstract :

A wagon tippler comprising of warm redundant PLC & VFD based digital control system for control of continuous rotary wagon tippling operation is disclosed. This system comprises of VFD grade squirrel cage induction motor mounted with incremental encoder for speed feedback. It has a Model based MASTER-SLAVE configuration for speed and direct torque control with Warm redundant scheme to change over the drive to any configuration. The encoder based reverse rolling protection scheme/logic with dynamic braking and DC bus regulation is in place to take care of load sharing between the two motors during heavy over-hauling/ re-generation by the tippler. Synchronous Serial Interface (SSI) based multi-turn absolute encoder is used as position measurement sensor. The system provides means for sensor-less counting of wagons tipped and its BCD display. Continuous tippling operation is achieved with accurate zero positioning of the wagon tippling platform (within  $\pm 5$  degree) and braking almost at 5% of nominal speed.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1540/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

(43) Publication Date : 14/06/2013

(54) Title of the invention : SINTERING MATERIAL CHARGING APPARATUS

(51) International classification	:C22B1
(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)JFE STEEL CORPORATION**

Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,  
CHIYODA-KU, TOKYO 100-0011 JAPAN

(72)Name of Inventor :

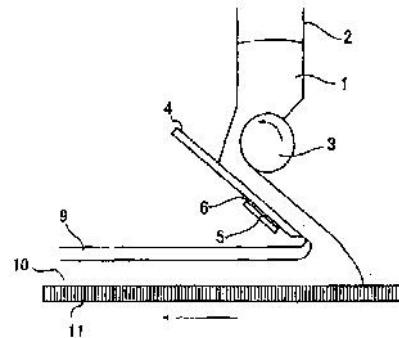
**1)KOUICHI NUSHIRO**

**2)TAKAHIDE HIGUCHI**

**3)NOBUYUKI OYAMA**

(57) Abstract :

A sintering material charging apparatus includes a feeding hopper 2 that stores a sintering material 1; a drum feeder 3 that discharges the sintering material 1 in the feeding hopper 2; a sloping chute 4 arranged at a lower side of the drum feeder 3; a permanent magnet 5 arranged below the sloping chute 4; and a spacer 6 arranged in a gap between the sloping chute 4 and the permanent magnet 5. By changing the thickness of the spacer 6, the magnitude of a magnetic force applied to the sintering material 1 that slips down on the sloping chute 4 can be changed.



No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1541/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :09/12/2011

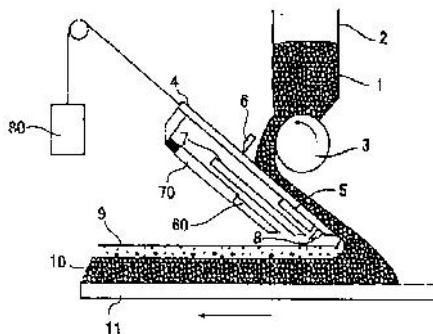
(43) Publication Date : 14/06/2013

(54) Title of the invention : SINTERING MATERIAL CHARGING APPARATUS

(51) International classification	:C22B1	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)JFE STEEL CORPORATION</b>
(32) Priority Date	:NA	Address of Applicant :2-3, UCHIISAIWAI-CHO 2-
(33) Name of priority country	:NA	CHOME, CHIYODA-KU TOKYO 100-0011 JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)KOUICHI NUSHIRO</b>
(87) International Publication No	: NA	<b>2)TAKAHIDE HIGUCHI</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NOBUYUKI OYAMA</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sintering material charging apparatus includes a movable sloping chute 4 arranged at a lower side of a drum feeder 3 and being retractable; a permanent magnet 5 arranged below the movable sloping chute and being retracted in association with the movable sloping chute 4; a movable sloping-chute scraper 6 arranged at a position at which the movable-sloping-chute scraper is in contact with an upper surface of the movable sloping chute 4; a fixed sloping chute 7 arranged at a lower side of the permanent magnet 5; and a fixed-sloping-chute scraper 8 arranged at the movable sloping chute 4 such that the fixed-sloping-chute scraper comes into contact with an upper surface of the fixed sloping chute 7 when the movable sloping chute 4 is retracted.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2011

(21) Application No.1542/KOL/2011 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SINTERING MATERIAL CHARGING APPARATUS

(51) International classification

:C22B1

(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)JFE STEEL CORPORATION**

Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,  
CHIYODA-KU TOKYO 100-0011 JAPAN

(72)Name of Inventor :

**1)KOUICHI NUSHIRO**

**2)TAKAHIDE HIGUCHI**

**3)NOBUYUKI OYAMA**

---

(57) Abstract :

A sintering material charging apparatus includes a feeding hopper 2 that stores a sintering material 1; a drum feeder 3 that discharges the sintering material 1 in the feeding hopper 2; a sloping chute 4 arranged at a lower side of the drum feeder 3; a permanent magnet 5 arranged below the sloping chute 4; and a ceramic plate 7 that covers an upper surface of the sloping chute 4.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2731/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : CENTRIFUGAL SEPARATOR AND ROTOR

(51) International classification	:B04B1/14,F16D1/08	(71) <b>Name of Applicant :</b> <b>1)ALFA LAVAL CORPORATE AB</b> Address of Applicant :P.O. Box 73, SE- 22100 Lund, Sweden
(31) Priority Document No	:1050309-2	
(32) Priority Date	:31/03/2010	
(33) Name of priority country	:Sweden	
(86) International Application No	:PCT/SE2011/050348	(72) <b>Name of Inventor :</b> <b>1)ISAKSSON, Roland</b> <b>2)THORWID, Peter</b>
Filing Date	:29/03/2011	
(87) International Publication No	:WO 2011/123032	
(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 centrifugal separator (11) for separation of at least two components of a fluid mixture which have different densities. The centrifugal separator comprises a rotor (22) arranged for rotation about a vertical axis of rotation (R) and having a rotor wall (7a 7b 7a 7b) which surrounds a separating chamber (88) within the rotor with an inlet (18 18) adapted to feeding the fluid mixture into the rotor's separating chamber (88) and at least one outlet (22 22 29) adapted to discharging out from the rotor a component separated from the fluid mixture. A rotor shaft (33) supports the rotor (22) and is drivably connected to a motor (M) for rotation of the rotor about the axis of rotation (R). A hub (12 12) is provided outside the rotor (22) and the hub (12) and the rotor shaft (33) are arranged to be connected together from the outside of the rotor (22) by means of a lockable and releasable fastening (13) which is configured to lock the rotor shaft (33) relative to the hub (12 12) in both a torque transmitting and an axial force transmitting way.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2732/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : RADIO COMMUNICATION SYSTEM, RADIO COMMUNICATION APPARATUS, AND RADIO COMMUNICATION METHOD

(51) International classification	:H04W72/04	(71) <b>Name of Applicant :</b> <b>1)FUJITSU LIMITED</b> Address of Applicant :1-1, Kamikodanaka, 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, JAPAN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/JP2010/055936	(72) <b>Name of Inventor :</b> <b>1)KAWASAKI Yoshihiro</b> <b>2)YANO Tetsuya</b> <b>3)OHTA Yoshiaki</b> <b>4)TANAKA Yoshinori</b>
Filing Date	:31/03/2010	
(87) International Publication No	:WO 2011/121775	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is directed to facilitation of securing a wireless resource to be used for transmitting a control signal when using a plurality of frequency bands to perform a communication. A wireless communication apparatus (10) establishes based on information about the use of a plurality of frequency bands a radio resource area in which a wireless communication apparatus (20) is to search for a control signal. The wireless communication apparatus (10) then transmits the control signal which is addressed to the wireless communication apparatus (20) in the established radio resource area. The wireless communication apparatus (20) calculates based on the information about the use of the plurality of frequency bands the established radio resource area. The wireless communication apparatus (20) then searches the signals in the calculated radio resource area out of the signals received from the wireless communication apparatus (10) thereby detecting the control signal addressed to the wireless communication apparatus (20).

No. of Pages : 71 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2733/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

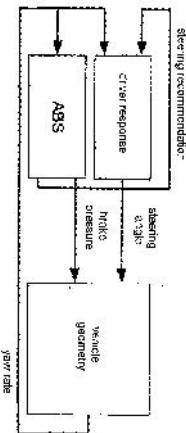
(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR OPERATING A BRAKE DEVICE OF A VEHICLE WITH A BRAKE PRESSURE DIFFERENCE ON AN AXLE ADAPTED AS A FUNCTION OF A STEER INPUT

(51) International classification	:B60T8/1764	(71)Name of Applicant :
(31) Priority Document No	:10 2010 012 497.4	1)KNORR-BREMSE SYSTEME FÜR
(32) Priority Date	:24/03/2010	NUTZFAHRZEUGE GMBH
(33) Name of priority country	:Germany	Address of Applicant :Moosacher Str. 80, 80809 München, Germany
(86) International Application No Filing Date	:PCT/EP2011/054414 :23/03/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/117279	1)HECKER Falk
(61) Patent of Addition to Application Number	:NA	2)SCHMIDT Marco
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for operating a brake device of a vehicle with brake slip regulation (ABS) on roadways with different friction values on different sides as a result of which a braking yaw moment is imparted to the vehicle during braking. The invention provides that on at least one axle of the vehicle an absolute brake pressure difference between the brake pressure at the wheel with the higher friction coefficient and the brake pressure at the wheel with the lower friction coefficient is adapted as a function of a steer input directed so as to generate a yaw moment acting counter to the braking yaw moment by the driver and/or by an automatically intervening auxiliary steering system.



No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2734/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

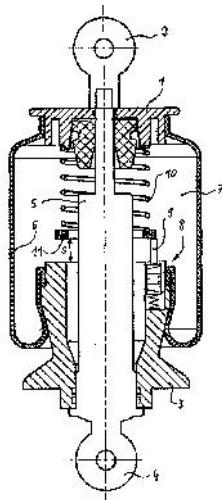
(54) Title of the invention : AIR SPRING ARRANGEMENT WITH INTEGRATED CONTROL VALVE

(51) International classification	:B60G11/27,B60G15/14,B60G17/048	(71)Name of Applicant :
(31) Priority Document No	:10 2010 012 346.3	1)KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH Address of Applicant :Moosacher Str. 80, 80809 MÜNchen, Germany
(32) Priority Date	:22/03/2010	
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/053954	1)VOITH András
Filing Date	:16/03/2011	2)TÓTH JÁnos
(87) International Publication No	:WO 2011/117125	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

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(57) Abstract :

The invention relates to an air spring arrangement having at least one integrated control valve (8) for charging a pressure chamber (7) which is formed between an outer tube (1) a rolling tube (3) and an air spring bellows (6) which connects said tubes with compressed air wherein the control valve (8) which has a plurality of switching positions can be actuated by means of likewise integrated mechanical actuating means as a function of the air spring stroke for the purpose of ride height adjustment wherein the mechanical actuating means comprises a compression spring (10) which is fastened on the end side to the outer tube (1) or rolling tube (3) the distal end of which compression spring interacts with an actuating plunger (9) of a control valve (8) which is arranged opposite on the rolling tube (3) or outer tube (1) respectively.



No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2735/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : LOCALISED PERSONAL AIR CONDITIONING

(51) International classification	:F24F1/04,A47C21/04,A61F7/00
(31) Priority Document No	:2010903591
(32) Priority Date	:11/08/2011
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2011/001025 :11/08/2011
Filing Date	
(87) International Publication No	:WO 2012/019236
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	
(62) Divisional to Application Number	:NA :NA
Filing Date	

(71)Name of Applicant :

1)**CLOSE COMFORT PTY LTD**

Address of Applicant :33 Brockmann Avenue, Dalkeith,  
Western Australia, 6009, Australia

(72)Name of Inventor :

1)**TREVELYAN, James**

(57) Abstract :

A sleeping space air conditioner including a quiet low powered air conditioner (1). a sleeping space into which conditioned air is delivered the sleeping space including an upper air pervious section (2) and a lower relatively air impervious section (3) surrounding a bed in the sleeping space the impervious section (3) extending to a height above the sleeping surface of the bed sufficient to contain the conditioned air as it moves towards and returns from the opposite end or side of the sleeping space the impervious section (3) extending to a sufficiently increased height above the sleeping surface at the opposite end or side to allow the direction of air How to reverse towards said one end or side without substantial loss of conditioned air through the pervious section (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2736/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : HETARYLAMINONAPHTHYRIDINES

(51) International classification	:C07D453/02	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10001758.1	<b>1)MERCK PATENT GMBH</b>
(32) Priority Date	:22/02/2010	Address of Applicant :Frankfurter Strasse 250, 64293
(33) Name of priority country	:EPO	Darmstadt, Germany
(86) International Application No	:PCT/EP2011/000054	(72) <b>Name of Inventor :</b>
Filing Date	:10/01/2011	<b>1)JONCZYK, Alfred</b>
(87) International Publication No	:WO 2011/101069	<b>2)DORSCH, Dieter</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ZENKE, Frank</b>
Filing Date	:NA	<b>4)AMENDT, Christiane</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Novel hetarylaminonaphthyridine derivatives of formula (I) wherein X R1 R2 R3 R4 W1 W2 W3 W5 and W6 have the meaning according to claim 1 are inhibitors of ATP consuming proteins and can be employed inter alia for the treatment of tumors.

No. of Pages : 115 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2737/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : SOLAR INVERTER FOR AN EXTENDED INSOLATION RANGE AND OPERATING METHOD

(51) International classification :H02J7/35,H02J3/38,H02J7/34  
(31) Priority Document No :10 2010 016 138.1  
(32) Priority Date :25/03/2010  
(33) Name of priority country :Germany  
(86) International Application No:PCT/EP2011/054560  
Filing Date :24/03/2011  
(87) International Publication No :WO 2011/117361  
(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)REFUSOL GMBH

Address of Applicant :Uracher Str. 91, 72555 Metzingen,  
Germany

(72)Name of Inventor :

1)HANTSCHEL, Jochen

(57) Abstract :

The invention relates to an inverter system (1) for a photovoltaic solar power plant for generating alternating voltage from a direct current voltage of a solar generator (2) which has an additional energy store (38) which is arranged in an energy transmission path (36) which is connected to the solar generator and can be activated as needed. A control device (31 34) for monitoring and controlling the operation of the inverter system (1) is set up to detect brief power peaks in the insolation in the solar generator and when insolation peaks are present to activate the energy transmission path (36) in order to effect a transmission of energy from the solar generator (2) to the energy store (38). The surplus radiation can thereby be temporarily buffered during the brief insolation peaks and used later to cover the intrinsic consumption of the inverter (4) or to feed secondary consumers which increases the efficiency or output of the solar power plant. A method for operating an inverter system for a photovoltaic solar power plant in order to use insolation peaks in a solar generator is also disclosed.

No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2738/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : PRODUCTION METHOD OF HOT ROLLED STEEL SHEET AND PRODUCTION METHOD OF HOT DIP GALVANIZED STEEL SHEET

(51) International classification	:B21B9/00,B21B1/26,B21B3/00
(31) Priority Document No	:2010-094621
(32) Priority Date	:16/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/059768
Filing Date	:14/04/2011
(87) International Publication No	:WO 2011/129465
(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)JFE STEEL CORPORATION**

Address of Applicant :2-3, Uchisaiwai-cho 2-chome,  
Chiyoda-ku, Tokyo 100-0011 JAPAN

(72)Name of Inventor :

**1)SUZUKI Yoshitsugu**

**2)SUGIMOTO Yoshiharu**

(57) Abstract :

Disclosed is a process for producing a hot rolled steel sheet the process comprising a slab heating step in which a steel slab is heated in a slab heating furnace a step in which the heated steel slab is hot rolled with a rough roller and a finish roller to form a strip and a winding step in which the strip is wound up with a wind up machine. The series of steps ranging from the slab heating step to the winding step is conducted in a non oxidizing atmosphere. The steel slab contains in terms of mass% 0.01 0.15% C 0.1 1.8% Si 1.0 2.7% Mn 0.01 1.5% Al 0.005 0.025% P and up to 0.01% S. Also disclosed is a hot dip galvanized steel sheet produced by pickling the hot rolled steel sheet to remove the oxide scale optionally cold rolling the steel sheet and thereafter plating the steel sheet with zinc by hot dipping.

No. of Pages : 38 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2739/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : STAINLESS STEEL FOIL AND CATALYST CARRIER FOR EXHAUST GAS PURIFYING DEVICE USING THE FOIL

(51) International classification :C22C38/00,B01D53/86,B01J32/00  
(31) Priority Document No :2010-076605  
(32) Priority Date :30/03/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/057489  
Filing Date :18/03/2011  
(87) International Publication No :WO 2011/122503  
(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)JFE STEEL CORPORATION**

Address of Applicant :2-3, Uchisaiwai-cho 2-chome,  
Chiyoda-ku, Tokyo 100-0011 JAPAN

(72)Name of Inventor :

- 1)MIZUTANI Akito**
- 2)FUKUDA Kunio**
- 3)ISHIKAWA Shin**
- 4)HONDA Atsutaka**
- 5)YAMAGUCHI Yasuhiro**
- 6)KATO Yasushi**
- 7)OTA Hiroki**
- 8)FUJISAWA Mitsuyuki**
- 9)UJIRO Takumi**
- 10)YAMASHITA Hideaki**

(57) Abstract :

Disclosed are: a stainless steel foil which exhibits excellent salt corrosion resistance while having high strength and excellent oxidation resistance at high temperatures; and a catalyst carrier for an exhaust gas purification device which uses the foil. Specifically disclosed is a stainless steel foil which is characterized by containing in mass% 0.05% or less of C 2.0% or less of Si 1.0% or less of Mn 0.003% or less of S 0.05% or less of P 25.0 35.0% of Cr 0.05 0.30% of Ni 3.0 10.0% of Al 0.10% or less of N 0.02% or less of Ti 0.02% or less of Nb 0.02% or less of Ta 0.005 0.20% of Zr 0.02% or less of Ce 0.03 0.20% of an REM other than Ce 0.5 6.0% in total of Mo and/or W with the balance made up of Fe and unavoidable impurities.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

(21) Application No.2740/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEMS AND METHODS FOR VERIFYING AUTHENTICITY OF A PRODUCT

(51) International classification	:G06K7/10,G06K9/18	(71) <b>Name of Applicant :</b> <b>1)SPROXIL, INC.</b> Address of Applicant :1035 Cambridge St. Suite 21E Cambridge, MASSACHUSSETTS 02141, U.S.A.
(31) Priority Document No	:61/321,530	
(32) Priority Date	:07/04/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/031577	(72) <b>Name of Inventor :</b> <b>1)GOGO, Ashifi</b> <b>2)ZECHA, Alden</b>
Filing Date	:07/04/2011	
(87) International Publication No	:WO 2011/127282	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various aspects of the invention provide systems and methods for verifying the authenticity of a product. One aspect of the invention provides a method of verifying the authenticity of a product through a plurality of stages of a supply chain. The method includes: providing a product having a plurality of distinct hidden unique identifiers incorporated with the product; and at each of at least one of the plurality of stages of the supply chain verifying the authenticity of a revealed unique identifier thereby verifying the authenticity of the product. Another aspect of the invention provides a product including a plurality of distinct hidden unique identifiers. The plurality of distinct unique identifiers can be selectively revealed. Another aspect of the invention provides a tamper evident package including a plurality of distinct hidden unique identifiers. The plurality of distinct unique identifiers can be selectively revealed.

No. of Pages : 43 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

(21) Application No.2741/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEM AND METHODS FOR VERIFYING AUTHENTICITY OF A PRODUCT

(51) International classification	:G06K7/10,G06K9/18	(71) <b>Name of Applicant :</b> <b>1)SPROXIL, INC.</b> Address of Applicant :1035 Cambridge St. Suite 21E Cambridge, MASSACHUSSETS 02141, U.S.A.
(31) Priority Document No	:61/321,525	
(32) Priority Date	:07/04/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/031574	(72) <b>Name of Inventor :</b>
Filing Date	:07/04/2011	<b>1)GOGO, Ashifi</b>
(87) International Publication No	:WO 2011/127279	<b>2)ZECHA, Alden</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various aspects of the invention provide systems and method for verifying authenticity of a product. Another aspect of the invention provides a system including: a tamper evident package; and a unique identifier usable to verify the authenticity of the product the unique identifier contained within the tamper evident package. The unique identifier cannot be detected from outside of the tamper evident package without demonstrating evidence of tampering. Another aspect of the invention provides a system including: a tamper evident package; and a concealed unique identifier coupled to the tamper evident package. Another aspect of the invention provides a method of providing a providing a unique identifier. The method includes: providing a tamper evident package; and placing the unique identifier within the tamper evident package wherein the unique identifier cannot be detected from outside of the tamper evident package.

No. of Pages : 38 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

(21) Application No.2742/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : WINDOW SHADE DEVICE

(51) International classification	:B60J3/00,E06B9/42
(31) Priority Document No	:2010-076990
(32) Priority Date	:30/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/053455
Filing Date	:18/02/2011
(87) International Publication No	:WO 2011/122153
(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)ASHIMORI INDUSTRY CO., LTD.

Address of Applicant :10-18, Kitahorie 3-chome, Nishi-ku,  
Osaka-shi, Osaka 5500014 JAPAN

(72)Name of Inventor :

1)HATA Koichiro

(57) Abstract :

The disclosed window shade device is equipped with a window shade a pair of rails that are provided such that the gap between said rails gradually becomes larger from the base towards the tip a storage device that is provided on the base side and to which the window shade is mounted such that the window shade can be drawn or stored a drawing member that has multiple window shade supports that support the window shade at multiple points along the width of the drawing side of the window shade and that can expand and contract such that the space between each of the multiple supports expands and contracts in the width direction and a pair of runners that are connected to the drawing member and are able to move along the pair of rails. The drawing member expands and contracts with the movement of the pair of runners which are guided by the pair of rails.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

(21) Application No.2745/KOLNP/2012 A

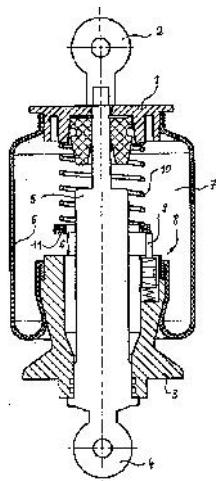
(43) Publication Date : 14/06/2013

(54) Title of the invention : IMPROVED MICROBIAL FUEL CELL

(51) International classification	:C12N1/21,C12N15/78,C12N15/52	(71)Name of Applicant :
(31) Priority Document No	:12/660,224	<b>1)BACTERIAL ROBOTICS, LLC</b>
(32) Priority Date	:23/02/2010	Address of Applicant :P.O. Box 30085, Cincinnati, Ohio 45230 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2010/055470	<b>1)IRVIN, Randall, T.</b>
Filing Date	:04/11/2010	<b>2)BARKELOO, Jason, E.</b>
(87) International Publication No	:WO 2011/106043	<b>3)HASSETT, Daniel, J.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Transgenic microbes with an altered electrogenic efficacy biofilms comprising such microbes and microbial fuel cells (electrogenic bioreactors) comprising such microbes are provided. The microbial fuel cells can be operated as monitors filtration devices and sensors.



No. of Pages : 54 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2746/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING MICROPARTICLES OR NANOPARTICLES

(51) International classification	:B01J2/04,B01J2/06
(31) Priority Document No	:10 2010 010 996.7
(32) Priority Date	:22/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2011/075044
Filing Date	:21/03/2011
(87) International Publication No	:WO 2011/116763
(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)MJR PHARMJET GMBH

Address of Applicant :Michel-Souty-Str. 23, 66740  
Saarlouis Germany

(72)Name of Inventor :

1)BAUMSTÜMMLER, Bernd

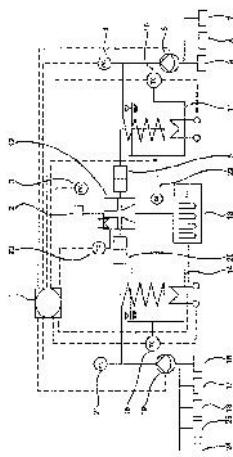
2)PENTH, Bernd

3)PENTH, Felix

4)TÜRELI, Akif Emre

(57) Abstract :

The invention relates to a method for producing microparticles or nanoparticles of water soluble and water insoluble substances by controlled precipitation co precipitation and self organization processes in microjet reactors wherein a solvent which contains at least one target molecule and a non solvent are mixed as jets hitting each other in a microjet reactor at defined pressures and flow rates wherein a very fast precipitation a co precipitation or a chemical reaction occurs whereby microparticles or nanoparticles are formed. In order to create such a method in which the particle size of the resulting microparticles or nanoparticles can be specifically controlled the particle size is controlled by the temperature at which the collision of the solvent with the non solvent occurs the flow rate of the solvent and the non solvent and/or the gas amount wherein smaller particles sizes are obtained at lower temperatures at a high flow rate of the solvent and the non solvent or in the complete absence of gas.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

(21) Application No.2747/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : LUBRICANT COMPOSITION

(51) International classification :C10M107/10,C10N20/02,C10N30/02  
(31) Priority Document No :2010-039647  
(32) Priority Date :25/02/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/053808  
Filing Date :22/02/2011  
(87) International Publication No :WO 2011/105358  
(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)IDEMITSU KOSAN CO., LTD.

Address of Applicant :1-1, Marunouchi 3-chome Chiyoda-ku, Tokyo 1008321 JAPAN

(72)Name of Inventor :

1)TAMOTO, Yoshitaka

(57) Abstract :

Disclosed is a lubricant composition which is characterized by containing (a) a lubricant base oil having a kinematic viscosity at 100°C of 2 10 mm/s (inclusive) and (b) a poly a olefin which is produced using a metallocene catalyst and has a kinematic viscosity at 100°C of 15 300 mm/s (inclusive). The lubricant composition is also characterized in that the amount of the component (b) is not less than 20% by mass based on the total amount of the composition.

No. of Pages : 33 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

(21) Application No.2748/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PROTECTIVE SWITCH WITH STATUS DETECTION

(51) International classification	:G01R31/327,H01H71/04,H01H83/04
(31) Priority Document No	:61/307,063
(32) Priority Date	:23/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/025483
Filing Date	:18/02/2011
(87) International Publication No	:WO 2011/106261
(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 AG**

Address of Applicant :Affolternstrasse 44, CH-8050 Zurich,  
SWITZERLAND

(72)Name of Inventor :

**1)BALL, Roy**

(57) Abstract :

A protective switch assembly (100) includes switch position sensors (109) that sense switch blade (14) position and indicate whether one or more switches (104) are open. According to another aspect the voltage and current of the switch circuits are monitored to determine switch position as well as overall circuit status.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2749/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : EXTRUDER

(51) International classification	:B29B7/48,B29C47/40,B29C47/42
(31) Priority Document No	:A 468/2010
(32) Priority Date	:24/03/2010
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2011/001477
Filing Date	:24/03/2011
(87) International Publication No	:WO 2011/116965
(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)BLACH, JOSEF

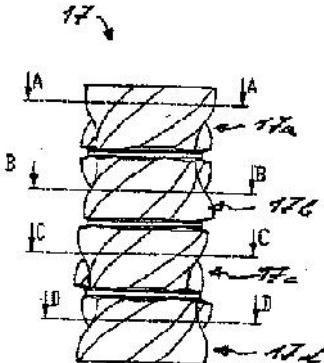
Address of Applicant :Lische 8B, A-6632 Ehrwald  
AUSTRIA

(72)Name of Inventor :

1)BLACH, JOSEF

(57) Abstract :

The invention relates to an extruder having a housing (1) comprising at least two conveying shafts (2 3) having mutually wiping conveying cross sections which are disposed so as to be driven in the same direction in at least two housing bores (11 12) which are of cylindrical or conical design and of which the axes (15 16) are disposed parallel or at an angle to one another. The distance (A) between the axes of the two housing bores (11 12) is greater than D/1.4142 wherein D is the diameter of the cylindrical bore or the greatest diameter of the conical bore and a clearance (a') is provided between the housing bores (11 12) and the external diameter (DE) of the conveying shafts (2 3). Each conveying shaft (2 3) has a plurality of conveying sections (17a to d 18a to d) wherein the rotational angle of at least two adjacent conveying sections (17a 17b 18a 18b) on the respective conveying shaft (2 3) is 180°. The centre point (PM) of the cross sectional profile of each cross section (17a 17b 18a 18b etc.) is offset eccentrically in each case with respect to the centre point (BM) of the housing bore (11 12) and the centre of rotation (DM) of the conveying shafts (2 3).



No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2751/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

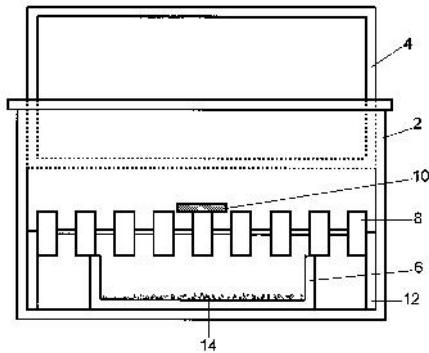
(54) Title of the invention : METHOD FOR PROTECTING SILVER AND SILVER ALLOY SURFACES AGAINST TARNISHING

(51) International classification :C23C22/02,C23F11/16,B05D1/18  
(31) Priority Document No :VE2010A000008  
(32) Priority Date :24/02/2010  
(33) Name of priority country :Italy  
(86) International Application No :PCT/IB2011/000369  
Filing Date :23/02/2011  
(87) International Publication No :WO 2011/104614  
(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)MESA S.A.S. DI MALIMPENSA SIMONA E DAVIDE E C.  
Address of Applicant :Via Don Capiaghi, 2, I-22070 Bregnano ITALY  
(72)Name of Inventor :  
1)NARDUCCI, Dario

(57) Abstract :

A method for protecting silver and silver alloy surfaces against tarnishing characterised by: initially subjecting the surface to be treated to cleaning pre treatment in organic solvents immersing the thus cleaned surface in an acid solution able to ensure formation of a thin layer of silver oxide immersing the thus oxidized surface in a solution of at least one thiol of formula CH(CH)SH where n is between 10 and 16 chemically reacting the molecules of said thiol with the previously oxidized silver surface in an environment containing water vapour at a temperature of at least 500C.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

(21) Application No.2752/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SELECTIVE EXTRACTION OF PROTEINS FROM FRESHWATER OR SALTWATER ALGAE

(51) International classification	:A23J1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/321,290	<b>1)HELIAE DEVELOPMENT, LLC</b>
(32) Priority Date	:06/04/2010	Address of Applicant :614 E. Germann Road, Gilbert, AZ
(33) Name of priority country	:U.S.A.	85297 U.S.A.
(86) International Application No	:PCT/US2011/031412	(72) <b>Name of Inventor :</b>
Filing Date	:06/04/2011	<b>1)KALE, Aniket</b>
(87) International Publication No	:WO 2011/127165	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for selective extraction and fractionation of algal proteins from an algal biomass or algal culture are disclosed. A method of selective removal of products from an algal biomass provides for single and multistep extraction processes which allow for efficient separation of algal proteins. These proteins can be used as renewable sources of proteins for animal feedstocks and human food. Further lipids remaining in the algal biomass after extraction of proteins can be used to generate renewable fuels.

No. of Pages : 81 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2754/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : COMPOSITION FOR THE PROTECTION OF MOISTURE SENSITIVE DEVICES

(51) International classification	:H01L51/52	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:MI2010U000080	<b>1)SAES GETTERS S.P.A.</b>
(32) Priority Date	:22/03/2010	Address of Applicant :Viale Italia 77, I-20020 Lainate
(33) Name of priority country	:Italy	ITALY
(86) International Application No	:PCT/EP2011/053759	(72) <b>Name of Inventor :</b>
Filing Date	:14/03/2011	<b>1)VACCA, Paolo</b>
(87) International Publication No	:WO 2011/117094	<b>2)BONUCCI, Antonio</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RONDENA, Sergio</b>
Filing Date	:NA	<b>4)MACCHI, Roberto</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Improved polysiloxane composite barrier to control, preventing the ingress, limiting the level of H<sub>2</sub>O within devices sensitive to its presence, method for its production and sensitive devices employing such barriers for the control of the H<sub>2</sub>O level at their inside.

No. of Pages : 14 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2755/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : THE USE OF ACIDIC WATER IN THE MANUFACTURE OF PAPER

(51) International classification :D21C9/00,D21H17/70,D21H17/67  
(31) Priority Document No :20105437  
(32) Priority Date :22/04/2010  
(33) Name of priority country :Finland  
(86) International Application No :PCT/FI2011/050366  
Filing Date :21/04/2011  
(87) International Publication No :WO 2011/131843  
(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)NORDKALK OY AB

Address of Applicant :Skräbbölevägen 18 21600 Pargas FINLAND

(72)Name of Inventor :

1)SAASTAMOINEN, Sakari

2)VIRTANEN, Pentti

(57) Abstract :

The present invention relates to a method of manufacturing paper or cardboard wherein paper or board pulp is diluted with an aqueous composition which is formed from colloidal size particles of carbonate and bicarbonate and other states of carbonate in an aqueous solution so that the pH in the aqueous solution remains essentially at a value of 6.0 8.3 during the formation and water is removed from the pulp by draining pressing and drying. The invention also relates to a method of manufacturing the aqueous composition used for this purpose.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : DRILL BIT

(51) International classification	:B28D1/14	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-117261	<b>1)KABUSHIKI KAISHA MIYANAGA</b>
(32) Priority Date	:21/05/2010	Address of Applicant :2393, FUKUI, MIKI-SHI, HYOGO
(33) Name of priority country	:Japan	6730433 JAPAN
(86) International Application No	:PCT/JP2011/002276	(72) <b>Name of Inventor :</b>
Filing Date	:19/04/2011	<b>1)MIYANAGA, Masaaki</b>
(87) International Publication No	:WO 2011/145270	
(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 drill bit which maintains dust attraction performance and has increased rigidity at a connection portion between a bit tip portion and a bit shaft portion; wherein the drill bit (1) comprises the bit tip portion (3) arranged with at least three cutting blade portions on the tip end in the peripheral direction at intervals so that a connecting ridge line (L1) between a rake face (3s) and a relief face (3e) of each cutting blade portion (3c) defines a cutting blade and a bit shaft portion (2) welded on a base end face of the bit tip portion (3) so as to rotate together; and wherein the bit shaft portion (2) is provided with a dust attraction passage (4) extending in the longitudinal direction until the tip end portion of the bit shaft portion the bit shaft portion (2) is provided at its tip end portion with a dust attraction auxiliary passage (6) which extends from the dust attraction passage (4) to be perpendicular or substantially perpendicular to the dust attraction passage (4) and opens so that an outer diameter end (6t) faces a peripheral surface (1F) of the bit shaft portion (2) and a base end portion (3b) of the bit tip portion (3) is integrally attached to the tip end face of the bit shaft portion (2).

No. of Pages : 28 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2757/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : NOVEL MIXED OXIDE MATERIALS FOR THE SELECTIVE CATALYTIC REDUCTION OF NITROGEN OXIDES IN EXHAUST GASES

(51) International classification	:B01J23/20,B01J37/02,B01D53/92
(31) Priority Document No	:10004198.7
(32) Priority Date	:20/04/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/001944
Filing Date	:16/04/2011
(87) International Publication No	:WO 2011/131324
(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)UMICORE AG & CO. KG

Address of Applicant :Rodnbacher Chaussee 4, 63457 Hanau-Wolfgang Germany

(72)Name of Inventor :

1)ADELMANN, Katja

2)JESKE, Gerald

3)DOMESLE, Rainer

4)SOEGER, Nicola

5)SEYLER, Michael

6)SCHULER, Anke

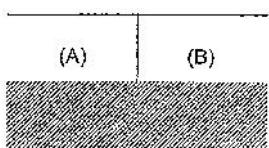
7)PAULY, Thomas, R.

8)SOUTHWARD, Barry, W., L.

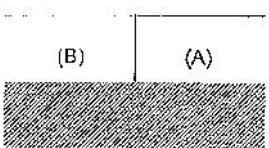
(57) Abstract :

The invention relates to the use of mixed oxides made of cerium oxide zirconium oxide rare earth sesquioxide and niobium oxide as catalytically active materials for the selective catalytic reduction of nitrogen oxides with ammonia or a compound that can decompose to form ammonia in the exhaust gas of internal combustion engines in motor vehicles that are predominantly leanly operated and to compositions or catalysts which contain said mixed oxides in combination with zeolite compounds and/or zeolite like compounds and are suitable for the denitrogenation of lean motor vehicle exhaust gases in all essential operating states.

a)



b)



No. of Pages : 40 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2758/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

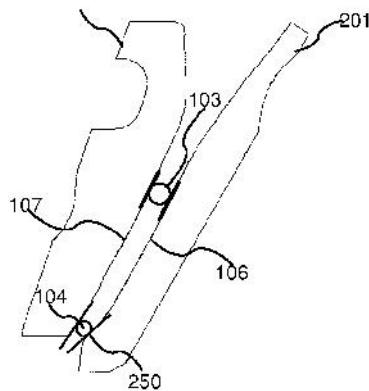
(43) Publication Date : 14/06/2013

(54) Title of the invention : WEAR PART, PROCESSING APPARATUS AND PROCESSING PLANT FOR MINERAL MATERIAL

(51) International classification	:B02C2/00	(71)Name of Applicant :
(31) Priority Document No	:20100169	1)METSO MINERALS, INC.
(32) Priority Date	:23/04/2010	Address of Applicant :Fabianinkatu 9 A, FI-00130 Helsinki
(33) Name of priority country	:Finland	FINLAND
(86) International Application No	:PCT/FI2011/050351	(72)Name of Inventor :
Filing Date	:19/04/2011	1)PELTOMÄKI, Kari
(87) International Publication No	:WO 2011/131835	2)ONNELA, Tero
(61) Patent of Addition to Application Number	:NA	3)MÄHÖNEN, Jouni
Filing Date	:NA	4)MALKAMÄKI, Mikko
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wear part (201) for a mineral material processing apparatus comprises an outer wear surface (106) which comprises an initial phase wear surface to be put in crushing contact with an opposite wear surface and an end phase wear surface to be taken vertically into use in the crushing process from under the initial wear surface when the wear is progressing. The wear part (201) comprises an end phase wear surface with a protrusion (250) to be put in use when the wear of the outer wear surface (106) is progressing. By means of the protrusion (250) working life of the wear part can be prolonged. A mineral material processing apparatus (410 420) and a mineral material processing plant (500).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2763/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : FILTER COMPRISING A HALOGEN RELEASE SYSTEM AND CHITOSAN

(51) International classification	:B01D35/00
(31) Priority Document No	:61/316,202
(32) Priority Date	:22/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/029386
Filing Date	:22/03/2011
(87) International Publication No	:WO 2011/119582
(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)WATER SECURITY CORPORATION

Address of Applicant :1455 Kleppe Lane, Sparks, NV 89431  
U.S.A.

(72)Name of Inventor :

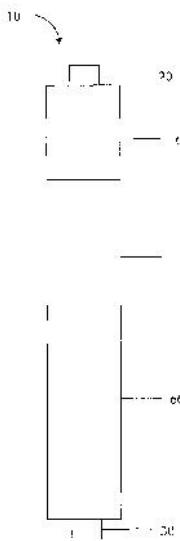
1)THEIVENDRAN, Sivaroban

2)KUBINEC, James, J.

3)SNELLING, Jeff

(57) Abstract :

A filter to provide potable water may generally comprise an inlet in fluid communication with an outlet a halogen release system intermediate the inlet and the outlet a filter material comprising chitosan or a derivative thereof intermediate the halogen release system and the outlet and a scavenger barrier intermediate the filter material and the outlet. The filter material may comprise a chitosan halogen complex. The filter material is capable of regeneration during periods of stagnation. The filter may have a Log reduction value for viruses of at least 4 and a Log reduction value for bacteria of at least 6.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2764/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : WINDOW SHADE DEVICE

(51) International classification	:E06B9/68,B60J3/00	(71) <b>Name of Applicant :</b> <b>1)ASHIMORI INDUSTRY CO., LTD.</b> Address of Applicant :10-18, Kitahorie 3-chome, Nishi-ku, Osaka-shi, Osaka 5500014 JAPAN
(31) Priority Document No	:2010-081214	
(32) Priority Date	:31/03/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/053456	(72) <b>Name of Inventor :</b> <b>1)HATA Koichiro</b>
Filing Date	:18/02/2011	
(87) International Publication No	:WO 2011/122154	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosed window shade device is equipped with a window shade a pair of rails that are provided such that the gap between said rails gradually becomes smaller from the base towards the tip a storage device that is provided on the base side a drawing member that supports the drawn end of the window shade and a pair of runners that connect to each end of the drawing member and that can be moved along the respective rails. As the pair of runners moves guided by the rails the size of the drawing member is changed in the width direction of the window shade the drawing end of the window shade is moved in the drawing/storage direction (P) and when drawn the drawn end is positioned on the drawing side by the pair of runners.

No. of Pages : 40 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

(21) Application No.2765/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : IMMUNOGENIC PROTEINS AND COMPOSITIONS FOR THE TREATMENT AND PREVENTION OF STREPTOCOCCUS AGALACTIAE

(51) International classification :A61K39/09,C07K14/315,C07K16/12  
(31) Priority Document No :1005625.7  
(32) Priority Date :01/04/2010  
(33) Name of priority country :U.K.  
(86) International Application No :PCT/IB2011/051415  
Filing Date :01/04/2011  
(87) International Publication No :WO 2011/121576  
(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)NOVARTIS AG

Address of Applicant :Lichtstrasse 35, CH-4056 Basel SWITZERLAND

(72)Name of Inventor :

1)GRANDI, Guido

2)MAIONE, Domenico

3)RINAUDO, Cira, Daniela

(57) Abstract :

The invention provides proteins and compositions for the treatment and prevention of Streptococcus agalactiae (Group B streptococcus; GBS).

No. of Pages : 164 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

(21) Application No.2766/KOLNP/2012 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : TRANSMIT POWER CONTROL FOR PHYSICAL RANDOM ACCESS CHANNELS

(51) International classification	:H04W52/32,H04W52/28,H04W52/34
(31) Priority Document No	:PCT/EP2010/002119
(32) Priority Date	:01/04/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2011/001658 :01/04/2011
(87) International Publication No	:WO 2011/120716
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :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)FEUERSÄNGER, Martin

2)LÖHR, Joachim

3)AOYAMA, Takahisa

(57) Abstract :

The invention relates to methods for adjusting the transmit power utilized by a mobile terminal for uplink transmissions and to methods for adjusting the transmit power used by a mobile terminal for one or more RACH procedures. The invention is also providing apparatus and system for performing these methods and computer readable media the instructions of which cause the apparatus and system to perform the methods described herein. In order to allow for adjusting the transmit power of uplink transmissions on uplink component carriers the invention suggests introducing a power scaling for uplink PRACH transmissions performing RACH procedures on an uplink component carrier. The power scaling is proposed on the basis of a prioritization among multiple uplink transmissions or on the basis of the uplink component carriers on which RACH procedures are performed.

No. of Pages : 91 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2012

(21) Application No.2767/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SELECTIVE EXTRACTION OF PROTEINS FROM SALTWATER ALGAE

(51) International classification	:A23J1/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/321,290	<b>1)HELIAE DEVELOPMENT, LLC</b>
(32) Priority Date	:06/04/2010	Address of Applicant :614 E. Germann Road, Gilbert, AZ
(33) Name of priority country	:U.S.A.	85297 U.S.A.
(86) International Application No	:PCT/US2011/031408	(72) <b>Name of Inventor :</b>
Filing Date	:06/04/2011	<b>1)KALE, Aniket</b>
(87) International Publication No	:WO 2011/127161	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for selective extraction and fractionation of algal proteins from an algal biomass or algal culture are disclosed. A method of selective removal of products from an algal biomass provides for single and multistep extraction processes which allow for efficient separation of algal proteins. These proteins can be used as renewable sources of proteins for animal feedstocks and human food. Further lipids remaining in the algal biomass after extraction of proteins can be used to generate renewable fuels.

No. of Pages : 81 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2768/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FASTENING STRUCTURE FOR PART AND CLIP USED THEREIN

(51) International classification	:F16B19/10
(31) Priority Document No	:2010-068215
(32) Priority Date	:24/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/057015
Filing Date	:23/03/2011
(87) International Publication No	:WO 2011/118645
(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)NIFCO INC.

Address of Applicant :184-1, Maioka-cho, Totsuka-ku,  
Yokohama-shi, Kanagawa 2448522 JAPAN

(72)Name of Inventor :

1)SASAKI Yuji

(57) Abstract :

A fastening member is provided with a head section; a shank section; a thin flange which extends in a straight shape from the outer periphery of the head section; and an engaging means (a leg section of a grommet for example). A part is provided with a through hole and a wall section which is located on the outer periphery of the through hole and extends toward the direction in which the shank section is inserted. A base has a mounting hole into which the shank section can be inserted. In a process where the base and the part are fastened together by the insertion of the shank section the flange is brought into pressure contact with the wall section resulting in a state where the flange is bent upward.

No. of Pages : 57 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2769/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : CONTACT DEVICE

(51) International classification	:H01H50/38,H01H9/44,H01H50/54
(31) Priority Document No	:2010-070780
(32) Priority Date	:25/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/IB2011/000420
Filing Date	:02/03/2011
(87) International Publication No	:WO 2011/117696
(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)ENOMOTO Hideki

2)YAMAMOTO Ritu

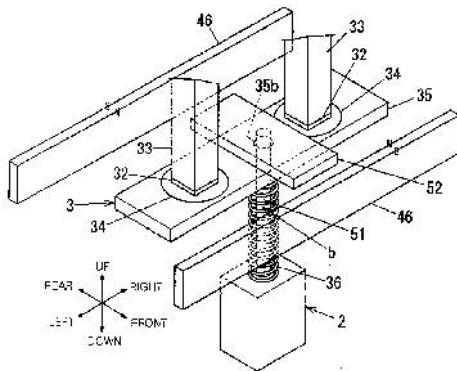
3)FUKUDA Yoshihisa

4)IKEDA Yoji

5)OZAKI Ryosuke

(57) Abstract :

The disclosed contact device is equipped with: a contact block that comprises a pair of fixed terminals that have fixed contact points and a movable contact on the surface of which a pair of movable contact points which connect/disconnect with the pair of terminals are arranged in a row; a drive block that drives the movable contact such that the movable contact points connect/disconnect with the fixed contact points; and a pair of permanent magnets that have identical polarity on the facing surfaces and are arranged so that the magnets face each other across the contact block in a direction that forms a right angle with the connection/disconnection direction of the movable and fixed contact points and a right angle with the direction along which the movable contact points are aligned.



No. of Pages : 156 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2770/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : DEVICE FOR FILTERING LIQUIDS

(51) International classification	:B01D33/31,B01D35/30,B01D63/16
(31) Priority Document No	:A496/2010
(32) Priority Date	:29/03/2010
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2011/000129
Filing Date	:14/03/2011
(87) International Publication No	:WO 2011/120061
(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)PANTREON GMBH

Address of Applicant :Kirchengasse 4, 4810 Gmunden,  
AUSTRIA

(72)Name of Inventor :

1)LUER Andreas

(57) Abstract :

The invention relates to a device (1) for filtering liquids comprising a container (2) apparatuses (3) for introducing a liquid to be filtered into the container (2) a container outlet (4) for liquid to be discharged unfiltered from the container (2) and at least one rotor (6) drivable in rotation about the container axis (5) with a hollow shaft (8) mounted in one end wall (7) and a support device (9) fastened to the hollow shaft for filter elements (10) arranged with a free space with respect to the container axis (5) or rotating about the own axis thereof the inner one of which discharges via the support device (9) and the hollow shaft (8) from the container (2) as a drain for filtered liquid. In order to provide improved filtering conditions according to the invention the container inner radius (12) of the inner wall of the peripheral casing (11) of the container is increased in the peripheral direction of the container a bulge of the inner wall being between two minima and a maximum said bulge forming a guiding apparatus guiding the fluid toward the filter elements (10).

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2771/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

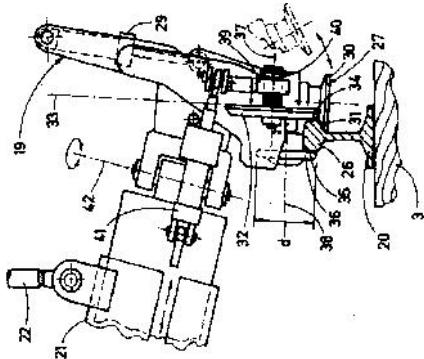
(43) Publication Date : 14/06/2013

(54) Title of the invention : A TAMPING MACHINE INCLUDING AN AUXILIARY LIFTING DEVICE

(51) International classification	:E01B27/17	(71)Name of Applicant :
(31) Priority Document No	:A 310/2010	1)FRANZ PLASSER BAHNBAUMASCHINEN
(32) Priority Date	:01/03/2010	INDUSTRIEGESELLSCHAFT MBH
(33) Name of priority country	:Austria	Address of Applicant :Johannesgasse 3, A-1010 Wien, AUSTRIA
(86) International Application No	:PCT/EP2011/000537	(72)Name of Inventor :
Filing Date	:04/02/2011	1)THEURER, Josef
(87) International Publication No	:WO 2011/107201	2)SCHONAIGNER, Alfred
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tamping machine for tamping under a track is equipped with a track lifting appliance which is positioned immediately in front of a tamping appliance and an additional lifting device (19) which is designed to lift a branch rail section (20) which branches off from the main track of a switch. This is attached to a support (21) which runs at right angles to a machine longitudinal direction and has a lifting tool (27) which can be placed on a rail head (26). Two running on rollers (32) which are separated from one another in the machine longitudinal direction can rotate on a common rotation plane (33) and are in the form of disks for resting on a first flank (34) of the rail head (26) are connected to the additional lifting device (19). A flange roller (36) is provided for resting on a second flank (35) of the rail head (26) and for the additional lifting device (19) to rest thereon. The additional lifting device (19) can be pivoted by means of a drive (41) about an axis (42) relative to the support (21).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2776/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : DEVICE FOR TESTING THE AUTHENTICITY OF VALUABLE DOCUMENTS

(51) International classification	:G07D7/12,G07D7/20	(71) <b>Name of Applicant :</b> <b>1)GIESECKE &amp; DEVRIENT GMBH</b> Address of Applicant :Prinzregentenstrasse 159, 81677 MÜNchen Germany
(31) Priority Document No	:10 2010 021 803.0	
(32) Priority Date	:27/05/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/002615	(72) <b>Name of Inventor :</b>
Filing Date	:26/05/2011	<b>1)HOLL, Norbert</b>
(87) International Publication No	:WO 2011/147575	<b>2)STEIN, Dieter</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SU, Shanchuan</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to test the authenticity of a valuable document (BN) at least one intensity distribution of electromagnetic radiation (7) passing through the valuable document (BN) in the dark field is detected in a spatially resolved manner and a spatially resolved dark field characteristic is determined therefrom. The actual authenticity test is then performed by a procedure in which selected test partial regions (51a 51b) of the valuable document (BN) are assigned respectively to one of a plurality of suspicion classes an interconnection region is formed from substantially interconnected test partial regions (51a 51b) that were assigned to at least one specific suspicion class and the valuable document (BN) depending on the form and/or position of the interconnection region is assigned to one of at least two authenticity categories which is linked to the at least one specific suspicion class.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2777/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR PREPARING CARBAMOYL PYRIDONE DERIVATIVES AND INTERMEDIATES

(51) International classification	:A01N43/42,A61K31/44
(31) Priority Document No	:61/316,421
(32) Priority Date	:23/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/029369
Filing Date	:22/03/2011
(87) International Publication No	:WO 2011/119566
(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)VIVIENNE CARE COMPANY**

Address of Applicant :Five Moore Drive, Research Triangle Park, NORTH CAROLINA 27709 U.S.A.

(72)Name of Inventor :

**1)WANG, Huan  
2)GOODMAN, Steven N  
3)MANS, Douglas  
4)KOWALSKI, Matthew**

(57) Abstract :

The present invention relates to the preparation of carbamoylpyridone derivatives and intermediates.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2778/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHODS OF AND SYSTEMS FOR DEWATERING ALGAE AND RECYCLING WATER THEREFROM

(51) International classification	:C12N1/02,A23J1/00	(71) <b>Name of Applicant :</b> <b>1)HELIAE DEVELOPMENT, LLC</b> Address of Applicant :614 E. Germann Road, Gilbert, AZ 85297 U.S.A.
(31) Priority Document No	:61/321,286	
(32) Priority Date	:06/04/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/031414	(72) <b>Name of Inventor :</b> <b>1)KALE, Aniket</b>
Filing Date	:06/04/2011	
(87) International Publication No	:WO 2011/127167	
(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 dewatering algae and recycling water therefrom is presented. A method of dewatering a wet algal cell culture includes removing liquid from an algal cell culture to obtain a wet algal biomass having a lower liquid content than the algal cell culture. At least a portion of the liquid removed from the algal cell culture is recycled for use in a different algal cell culture. The method includes adding a water miscible solvent set to the wet algal biomass and waiting an amount of time to permit algal cells of the algal biomass to gather and isolating at least a portion of the gathered algal cells from at least a portion of the solvent set and liquid of the wet algal biomass so that a dewatered algal biomass is generated. The dewatered algal biomass can be used to generate algal products such as biofuels and nutraceuticals.

No. of Pages : 79 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2779/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : CABLE FITTING HAVING A CLAMPING DEVICE FOR AN ARMOR OF THE CABLE

(51) International classification	:H02G3/06,H01R13/56	(71) <b>Name of Applicant :</b> <b>1)HUMMEL AG</b> Address of Applicant :Lise-Meitner-Strasse 2 79211 Denzlingen Germany
(31) Priority Document No	:20 2010 004 425.1	
(32) Priority Date	:31/03/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/000764	(72) <b>Name of Inventor :</b>
Filing Date	:17/02/2011	<b>1)BARTHOLOMÄ, Mario</b>
(87) International Publication No	:WO 2011/120609	<b>2)ZÜGEL, Fritz</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GÖTZ, Volker</b>
Filing Date	:NA	<b>4)HOCH, Achim</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a cable fitting (1) comprising a threaded sleeve (2) that can be inserted in a wall or a pipe coupling having an external thread and a coupling nut (3) interacting with said external thread of the threaded sleeve (2). By tightening the coupling nut (3) a clamping insert (5) can be pressed against a cable (4) to be retained wherein the cable (4) comprises armor (7) exposed at least in places within the cable fitting (1). A clamping device (8) for clamping a part of said armor (7) is provided in the cable fitting (1) said clamping device (8) partially engaging in the inner opening of the threaded sleeve (2) in the axial direction in the use position and being directly or indirectly acted upon by the coupling nut (3) outside of the threaded sleeve (2). In order to prevent rotation of the cable (4) and/or the clamping device (8) when the coupling nut (3) is tightened the part (8a) of the clamping device (8) engaging in the threaded sleeve (2) in the use position is positively fixed on the inner face of the threaded sleeve (2) in the direction of rotation and has for example a polygonal cross section. The end face (9) of the clamping device (8) engaging in the threaded sleeve (2) can thereby act on a second clamping insert (6).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2780/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHODS OF USING DIACEREIN AS AN ADJUNCTIVE THERAPY FOR DIABETES

(51) International classification	:A01N35/00,A61K31/12	(71) <b>Name of Applicant :</b> <b>1)TWI BIOTECHNOLOGY, INC.</b> Address of Applicant :4F, No. 41, Lane 221, Kang Chien Road, Nei Hu District, Taipei 114 TAIWAN
(31) Priority Document No	:61/321,931	
(32) Priority Date	:08/04/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/031517	(72) <b>Name of Inventor :</b>
Filing Date	:07/04/2011	<b>1)KU, Mannching, Sherry</b>
(87) International Publication No	:WO 2011/127240	<b>2)GAO, Danchen</b>
(61) Patent of Addition to Application Number	:NA	<b>3)LU, Wei-shu</b>
Filing Date	:NA	<b>4)CHEN, Chih-ming</b>
(62) Divisional to Application Number	:NA	<b>5)LIN, I-Yin</b>
Filing Date	:NA	

(57) Abstract :

The present invention provides methods of treating type II diabetes using combinations of diacerein or its derivatives with other antidiabetic agents. The methods may also allow improving glycemic control of type II diabetes patients and/or reducing side effects and/or cardiovascular risks of antidiabetic agents.

No. of Pages : 29 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2781/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHODS, SYSTEMS AND DEVICES FOR SEPARATING TUMOR CELLS

(51) International classification	:G01N33/49,G01N33/50,A61M1/36
(31) Priority Document No	:1037837
(32) Priority Date	:31/03/2010
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/US2011/030741
Filing Date	:31/03/2011
(87) International Publication No	:WO 2011/123655
(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)VIATAR LLC

Address of Applicant :200 Chambers Street, Suite 28A, New York, NY 10007 U.S.A.

(72)Name of Inventor :

1)VAN RIJN, Cornelis Johannes, Maria

2)BAGGERMAN, Jacob

3)REICH, Ilan

(57) Abstract :

Embodiments of the present disclosure are directed to the separation/capture of specific cells and/or contaminants as well as the determination monitoring and treatment of cancer. Moreover some embodiments are directed to methods systems and devices for removing cancer stem and/or tumor cells in vivo or in vitro from a bodily fluid to prevent or impede the proliferation of a cancer. Some embodiments provide a blood compatible filter comprising for example a membrane provided with a number of openings (preferably precise) which yield minimal detrimental effect both quantitatively and qualitatively on cells present in the bodily fluid during the separation process. For example in some embodiments a majority percentage of circulating tumor cells are captured by a filter while a majority percentage of leukocytes for example are allowed to pass where the passed leukocytes retain their vitality.

No. of Pages : 49 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2782/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : JET REGULATOR

(51) International classification	:E03C1/08,E03C1/084	(71) <b>Name of Applicant :</b> <b>1)NEOPERL GMBH</b> Address of Applicant :Klosterrunsstr. 11 79379 MÜllheim
(31) Priority Document No	:10 2010 012 326.9	Germany
(32) Priority Date	:23/03/2010	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Germany	<b>1)GRETER, Hermann</b>
(86) International Application No	:PCT/EP2010/007452	
Filing Date	:08/12/2010	
(87) International Publication No	:WO 2011/116800	
(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 jet regulator (1) comprising an annular or sheath shaped jet regulator housing (2) the outlet end face (3) of which is designed as a hole structure grate structure and/or mesh structure having passage openings (6) surrounded by flow guiding walls wherein the hole structure grate structure and/or mesh structure on the outlet end face is made of a manually deformable dimensionally elastic plastic material (7) at least in some sections and at least at the surface. The jet regulator (1) according to the invention is characterized in that the outlet end face (3) of the jet regulator housing (2) is designed as an outlet disk (8) that can be inserted into the jet regulator housing (2) and that supports the hole structure grate structure and/or mesh structure. The separate design of the outlet disk (8) and of the jet regulator housing (2) makes it easier to separately produce said jet regulator components (2 8) even from materials that cannot be welded or otherwise connected to each other optionally in different production methods.

No. of Pages : 32 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2783/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : TRANSFER DEVICE

(51) International classification	:A61F13/15,A61F13/49,B26D1/40
(31) Priority Document No	:2010-072536
(32) Priority Date	:26/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/056366
Filing Date	:17/03/2011
(87) International Publication No	:WO 2011/118491
(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)UNI-CHARM CORPORATION

Address of Applicant :182, Kinseichoshimobun,  
Shikokuchuo-shi, Ehime 7990111 JAPAN

(72)Name of Inventor :

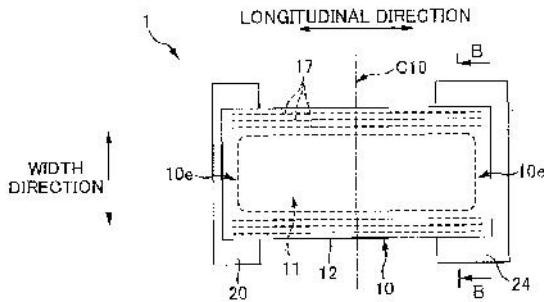
1)YAMAMOTO, Hiroki

2)TAKEUCHI, Kenji

3)KAWAZU, Fumihito

(57) Abstract :

A delivery device that receives a continuously transported continuous sheet-like member at a receiving position, and while the continuous sheet-like member is transported, creates cut-workpieces of predetermined lengths from the continuous sheet-like member to hand over the cut-workpieces at a hand over position, including a rotating body that is driven to rotate about a rotation axis and that has set the receiving position and the hand over position with an interval therebetween in a direction of rotation of the rotating body, a plurality of workpiece retaining portions that are provided to the rotating body at a predetermined angular interval in the direction of rotation, the workpiece retaining portions being supported by the rotating body in a state where a retaining surface that retains the continuous sheet-like member by suction faces outside in a direction of radius of gyration of the rotating body, a cutting member that is positioned at a predetermined location in the direction of rotation to oppose an outer circumferential face of the rotating body, a receiver that is provided to the rotating body at a part between workpiece retaining portions adjacently positioned in the direction of rotation, the receiver creating the cut-workpiece on the retaining surface of the workpiece retaining portion by sandwiching and cutting the continuous sheet-like member in cooperation with the cutting member when the continuous sheet-like member passes a location in the direction of rotation where the cutting member is positioned, and a driving unit that turns around the workpiece retaining portion about an axis of revolution that is in the direction of radius of gyration, wherein the receiver is circulated by the rotating body driven to rotate, along a perfect circular orbit with the rotation axis as a center, the workpiece retaining portion that is made to pass the location where the cutting member is positioned by the rotating body driven to rotate, changes an orientation of a longitudinal direction of the cut-workpiece by turning around the axis of revolution, and therealong the workpiece retaining portion hands over the cut-workpieces when passing the hand over position, and the workpiece retaining portion is positioned so that a part of the workpiece retaining portion passes above the receiver when the workpiece retaining portion turns around the axis of revolution.



No. of Pages : 64 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2784/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

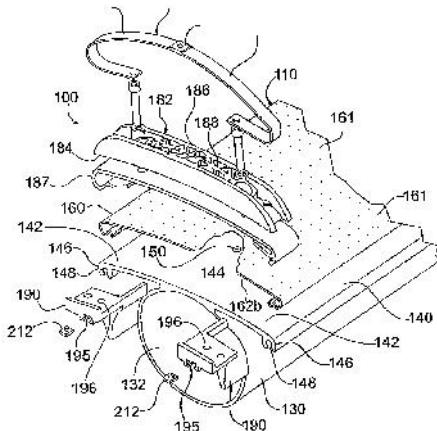
(43) Publication Date : 14/06/2013

(54) Title of the invention : END SEALS FOR AERATION DIFFUSER ASSEMBLY

(51) International classification	:B01F3/04,C02F3/20	(71)Name of Applicant :
(31) Priority Document No	:12/758,369	1)XYLEM IP HOLDINGS LLC
(32) Priority Date	:12/04/2010	Address of Applicant :1133 Westchester Avenue, White
(33) Name of priority country	:U.S.A.	Plains, New York 10604, U.S.A
(86) International Application No	:PCT/US2011/028757	(72)Name of Inventor :
Filing Date	:17/03/2011	1)REILLY, James, A.
(87) International Publication No	:WO 2011/129947	2)BERFNER, Anders, G.
(61) Patent of Addition to Application Number	:NA	3)PORATH, Per Olov, Marcus
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An aeration assembly (100) includes an end fitting (180) having a top piece (182) for attachment to a diffuser member. A gasket (187) extends beneath the top piece. The aeration assembly may include a diffuser member (110) with the end fitting. In one embodiment the diffuser member has a hollow conduit section (130) and a flange section (140). The flange section includes a series of openings extending along a length of the diffuser member. The openings (150) extend through the flange section to an interior space (132) in the conduit section.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2786/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : COUPLING

(51) International classification	:F16D1/033	(71) <b>Name of Applicant :</b> <b>1)INVENION GMBH</b> Address of Applicant :Wittenberg 1, 48324 Sendenhorst,
(31) Priority Document No	:10 2010 013 720.0	Germany
(32) Priority Date	:31/03/2010	(72) <b>Name of Inventor :</b> <b>1)SCHÜRMANN Erich</b>
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/DE2011/000351	
Filing Date	:31/03/2011	
(87) International Publication No	:WO 2011/120510	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a coupling having spur gearing for transmitting torques and/or transverse forces between a first part (4) which is provided with first spur gearing (1 1a) and a second part (5) which is provided with second spur gearing (1 1b) so as to be complementary to the first spur gearing (1 1a). At least one of the parts is in particular a shaft an axle a pin or a flange and it is possible to bring the first spur gearing into form fitting engagement with the second spur gearing. The invention is characterized in that at least one of the spur gearing systems comprises at least one groove (39) of constant width (B) wherein the longitudinal center line of the groove forms a circular arc (41) having a first center (M1) in at least one section of the groove and in at least one other section of the groove forms a circular arc having at least one second center (M2).

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2787/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CRATE

(51) International classification	:B65D21/02,B65D85/34,B65D6/00
(31) Priority Document No	:10158374.8
(32) Priority Date	:30/03/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/054669
Filing Date	:28/03/2011
(87) International Publication No	:WO 2011/120889
(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)IFCO SYSTEMS GMBH

Address of Applicant :Zugspitzstrasse 7, 82049 Pullach Germany

(72)Name of Inventor :

1)ORGELDINGER, Wolfgang

(57) Abstract :

A crate (100) comprises a bottom (110) and two respective pairwise opposing side walls (120) and end walls (130) each side wall (120) comprising a plurality of vent holes in a region (A) extending along a horizontal direction (101) of the side wall (120) and each end wall (130) comprising a grip hole (135) wherein the region (A) is a distance (dA) away from a corner (505) of the crate (100) the distance (dA) away from a corner (505) of the crate (100) the distance (dA) being equal to the distance (CIGH) the grip hole (135) is away from the same corner (505) of the crate (100) and wherein a height (hA) of the region (A) is equal to the height (hcH) of the grip hole (135).

No. of Pages : 40 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2788/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SOLAR POWER STATION PART OF A SOLAR -THERMAL POWER STATION AND SOLAR -THERMAL POWER STATION HAVING SOLAR COLLECTOR SURFACES FOR A HEAT CARRIER MEDIUM AND WORKING MEDIUM

(51) International classification :F03G6/00,F03G6/06,F22B1/00  
(31) Priority Document No :10 2010 028 692.3,  
(32) Priority Date :06/05/2010  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2011/056711  
Filing Date :28/04/2011  
(87) International Publication No :WO 2011/138215  
(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)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :Wittelsbacherplatz 2, 80333  
MÜNchen Germany

(72)Name of Inventor :

1)BRÜCKNER Jan

2)FRANKE Joachim

(57) Abstract :

The invention relates to a solar power plant part (23) of a solar thermal power plant (22) comprising a first solar collector surface (24) which is arranged in one section of a heat transfer medium circuit (29). A second solar collector surface (25) is arranged in the solar power plant part (23) as a super heater for a working medium which can be released for technical work in a turbine (12). The invention also relates to a solar thermal power plant (22) comprising a solar power plant part (23) a working medium circuit (31) which comprises a steam turbine (12) a first heat exchanger (8) for transferring heat from the heat transfer medium circuit (29) to the working medium circuit (31). The first heat exchanger (8) is connected on the primary side in the heat exchanger medium circuit (29) and on the secondary side in the working medium circuit (31) the second solar collector surface (25) being connected behind the first heat exchanger (8) in the working medium circuit (31) as a super heater in the direction of flow of the working medium. The invention also relates to a method for operating a solar thermal power plant (22).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2789/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : CRATE

(51) International classification	:B65D85/34,B65D6/00,B65D21/02
(31) Priority Document No	:10158409.2
(32) Priority Date	:30/03/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/054667
Filing Date	:28/03/2011
(87) International Publication No	:WO 2011/120888
(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)IFCO SYSTEMS GMBH

Address of Applicant :Zugspitzstrae 7, 82049 Pullach,  
Germany

(72)Name of Inventor :

1)ORGELDINGER Wolfgang

(57) Abstract :

A crate (100) comprises a bottom and two respective pairwise opposing side walls and end walls wherein at least one end wall (130) comprises a thinned portion (910) and wherein the thinned portion is adapted to allow the user to cut the end wall for providing an inspection opening.

No. of Pages : 39 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2790/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : EXHAUST GAS DIFFUSER OF A GAS TURBINE

(51) International classification :F01D25/30,F01K1/04,F01D25/16  
(31) Priority Document No :10004244.9  
(32) Priority Date :21/04/2010  
(33) Name of priority country:EPO  
(86) International Application No :PCT/EP2011/056210  
Application No :19/04/2011  
Filing Date  
(87) International Publication No :WO 2011/131651  
No  
(61) Patent of Addition to Application Number :NA  
Application Number :NA  
Filing Date  
(62) Divisional to Application Number :NA  
Application Number :NA  
Filing Date

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :Wittelsbacherplatz 2, 80333  
MÜNchen, Germany

(72)Name of Inventor :

1)BRÖKER Marc

2)BUCHAL Tobias

(57) Abstract :

The invention relates to an exhaust gas diffuser 10 for a gas turbine comprising a flow duct 22 which expands toward the diffuser outlet 20 and at the center of which an axially extending conducting body 14 is provided. In order to provide a further shortened exhaust gas diffuser 10 the conducting body 14 of which has particularly high strength and the tendency of which to flow induced oscillations is reduced the conducting body 14 comprises a number of depressions 30 that are distributed over the circumference and disposed between conducting elements 32 at least in an axial section of the longitudinal extension of said conducting body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2791/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : CONTACT ELEMENT FOR ROTARY PISTON PUMP

(51) International classification	:F04C2/12
(31) Priority Document No	:10 2010 014 248.4
(32) Priority Date	:08/04/2010
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/DE2011/000372 :06/04/2011
(87) International Publication No	:WO 2011/124212
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)NETZSCH MOHNOPUMPEN GMBH

Address of Applicant :GebrÜder-Netzsch-Strasse 19, 95100  
Selb, Germany

(72)Name of Inventor :

1)LINDE, Hans JÜrgen

2)MURRENHOFF, Bernhard

3)KURZ, Robert

4)DENK, Reinhart

5)STRASSL, Josef

6)BÖHME, Thomas

7)KAMAL, Hisham

8)WEIGL, Stefan

9)WILLIS, Roger

10)KERN, Stefan

11)KREIDL, Johann

12)HERR, Gunter

13)KNEIDL, Franz

14)TEKNEYAN, Mikael

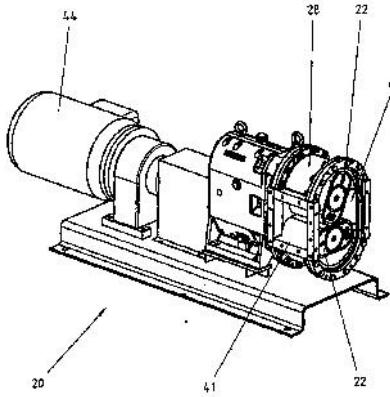
15)WEBER, Erwin

16)VERHOEVEN, Marcel

17)GRADL, Mathias

(57) Abstract :

The rotary piston pump (20) according to the invention consists of at least two counter rotating rotary pistons (22) and an oval pump housing (28). Every rotary piston (22) has a rotary piston vane and is provided with at least one contact element (34a). The contact points of the flanks (24) of the at least two rotary pistons (22) in which the at least two rotary pistons (34) form a friction pairing are provided with at least one contact element (34a) each. The interior (32) of the oval pump housing (28) is likewise provided with at least one exchangeable contact element (34b).



No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2792/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : ROBOTIC AUTOMATED STORAGE AND RETRIEVAL SYSTEM MIXED PALLET BUILD SYSTEM

(51) International classification :B65G1/04,B65G1/10,B65G57/20  
(31) Priority Document No :12/730,348  
(32) Priority Date :24/03/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2011/026570  
Filing Date :01/03/2011  
(87) International Publication No :WO 2011/119296  
(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)**BASTIAN MATERIAL HANDLING, LLC**

Address of Applicant :9820 Association Court, Indianapolis, IN 46280, U.S.A.

(72)Name of Inventor :

1)**BASTIAN, II, William, A.**

2)**CALLOWAY, Britt**

(57) Abstract :

A robotic automated storage and retrieval system (AS/RS) mixed pallet build system includes a rack that includes two or more vertical levels upon which items are stored. The mixed pallet build system further includes a three dimensional robotic AS/RS that includes a carriage robot arm vertical lift and horizontal propulsion system. The items from the rack are loaded upon the carriage to create a pallet. The carriage has a length that is shorter than the length of the rack. The robot arm is configured to stack the items from the racks onto the pallet. The vertical lift is configured to move the carriage vertically between the vertical levels of the racks. The horizontal propulsion system is configured to move the carriage horizontally along the rack so that the carriage is able to service the entire length of the rack. The three dimensional robotic AS/RS also includes a stretch wrapper that progressively secures the layers of items on the pallet to prevent the items from falling off the pallet.

No. of Pages : 38 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2794/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : CRATE

(51) International classification	:B65D21/02,B65D85/34,B65D6/00
(31) Priority Document No	:10158400.1
(32) Priority Date	:30/03/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/054666
Filing Date	:28/03/2011
(87) International Publication No	:WO 2011/120887
(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)IFCO SYSTEMS GMBH

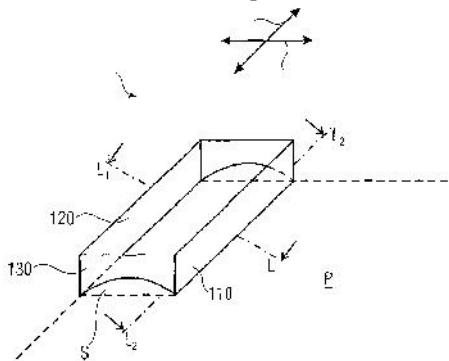
Address of Applicant :Zugspitzstraße 7, 82049 Pullach  
Germany

(72)Name of Inventor :

1)ORGELDINGER, Wolfgang

(57) Abstract :

A crate comprises a bottom and two respective pairwise opposing side walls and end walls wherein the bottom is arch shaped curving towards the interior of the crate such that a space (S) between a lower surface of the bottom and a plane (P) defined by a lower end of the crate is provided.



No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2795/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : FUNGICIDAL IMINODERIVATIVES

(51) International classification	:C07D209/40,C07D235/30,C07D249/18
(31) Priority Document No	:61/318,424
(32) Priority Date	:29/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/054710
Filing Date	:28/03/2011
(87) International Publication No	:WO 2011/120912
(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)BASF SE

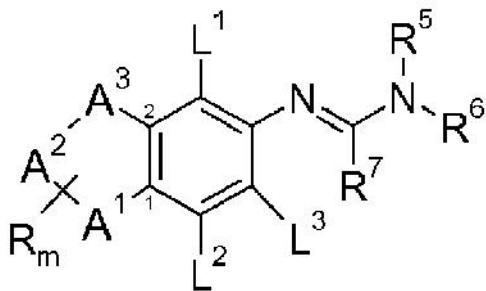
Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

- 1)RHEINHEIMER, Joachim
- 2)PILGER, Christian
- 3)REDLICH, Stefan
- 4)KREMZOW, Doris
- 5)ROSENBAUM, Claudia
- 6)LIEBMANN, Burghard
- 7)GRAMMENOS, Wassilios

(57) Abstract :

The present invention relates to the use of bicyclic amidine compounds of formula (I) as defined in the description and the N oxides and salts thereof for combating harmful fungi and also to compositions and seed comprising at least one such compound. The invention also relates to novel bicyclic amidines and processes and intermediates for preparing these compounds.



No. of Pages : 103 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2796/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : EXTERIOR INSPECTION DEVICE

(51) International classification	:B07C5/342	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/715,060	<b>1)DAIICHI JITSGYO VISWILL CO., LTD.</b>
(32) Priority Date	:01/03/2010	Address of Applicant :12-43, Honami-cho, Suita-shi, Osaka
(33) Name of priority country	:U.S.A.	564-0042 JAPAN
(86) International Application No	:PCT/JP2010/070979	(72) <b>Name of Inventor :</b>
Filing Date	:25/11/2010	<b>1)NELSON, Raymond</b>
(87) International Publication No	:WO 2011/108160	<b>2)SUZUKI, Osamu</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 an exterior inspection device which has a simple structure compared to a conventional structure and which can keep the manufacturing costs of the simple structure low. The exterior inspection device is provided with: an align and transfer device (25) which is provided with an align and transfer member (26) that has one or a plurality of transfer paths which is provided with an oscillator (37) for aligning that applies vibrations to the align and transfer member (26) and which aligns objects to be inspected into a line in each transfer path and transfers the objects; a downward slide mechanism (40) which has a downward slide path individually connected to each transfer path of the align and transfer member (26) and which is disposed in a state in which the downward slide path is tilted downward with respect to a line that extends from the transfer path; an imaging device (60) which is arranged near the downward slide path and captures an image of an object being inspected that slides down the downward slide path; and a selection device (80) which analyzes the image of the object being inspected that was captured by the imaging device determines whether the object being inspected is good or bad and in accordance with the decision result selects the object being inspected that slides down the downward slide path.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2797/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PRODUCTION METHOD FOR ABSORBING BODY

(51) International classification	:A61F13/15,A61F13/472
(31) Priority Document No	:2010-072537
(32) Priority Date	:26/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/056371
Filing Date	:17/03/2011
(87) International Publication No	:WO 2011/118495
(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)UNI-CHARM CORPORATION

Address of Applicant :182, Kinseichoshimobun,  
Shikokuchuo-shi, Ehime 7990111 JAPAN

(72)Name of Inventor :

1)NAKANO, Takumi

(57) Abstract :

Disclosed is a device with a drive source that drives and rotates a drum around a rotatory shaft in synchronization with other devices based on a synchronization signal that is repeatedly output and uses the unit movement amount for other devices that corresponds to the product pitch as one unit. The device supplies a raw material for an absorbing body from a duct disposed at a predetermined position in the rotation direction on the outer peripheral surface of the drum to a plurality of depressions provided intermittently at a predetermined placement pitch in the rotation direction thereby depositing the raw material for the absorbing body in the depressions to produce the absorbing body. The device comprises a first pitch setting member that sets the placement pitch as a first pitch; a second pitch setting member that sets the placement pitch at a second pitch that differs from the first pitch; a first signal generating unit that repeatedly generates a first rotation angle signal using the rotation angle of the drum that corresponds to the first pitch as one unit based on the drum rotation; a second signal generating unit that repeatedly generates a second rotation angle signal using the aforementioned rotation angle of the drum that corresponds to the second pitch as one unit based on the drum rotation; and a controller that controls the drive and rotation of the drive source. When the placement pitch is set at the first pitch the controller controls the drive and rotation of the drive source based on the first rotation angle signal and the synchronization signal. When the placement pitch is set at the second pitch the controller controls the drive and rotation of the drive source based on the second rotation angle signal and the synchronization signal.

No. of Pages : 44 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/09/2012

(21) Application No.2798/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : DEFECTIVE WORKPIECE DISCHARGING DEVICE

(51) International classification	:B07C5/36,B65B57/02,B65B57/04
(31) Priority Document No	:2010-072538
(32) Priority Date	:26/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/056368
Filing Date	:17/03/2011
(87) International Publication No	:WO 2011/118493
(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)UNI-CHARM CORPORATION

Address of Applicant :182, Kinseichoshimobun,  
Shikokuchuo-shi, Ehime 7990111 JAPAN

(72)Name of Inventor :

1)NAKANO, Takumi

(57) Abstract :

Disclosed is a defective workpiece discharging device that discharges workpieces with defects to a discharge path from a conveyance path which conveys workpieces related to a plurality of absorbent articles in the conveyance direction at a predetermined conveyance pitch. Said device comprises a diversion mechanism (71) provided between a first conveyance path (61) and a second conveyance path (81) which form a conveyance path whereby said mechanism diverts a workpiece that has passed along the first conveyance path (61) to either the second conveyance path (81) or a discharge path (100t); a defect detection sensor which detects defective sections and outputs a defect detection signal; a passage detection sensor (97) provided on the first conveyance path (61) which detects passage of a workpiece past a predetermined position (97p) on the first conveyance path (61) and outputs a passage detection signal; and a controller which controls the diversion operation of the diversion mechanism based on defect detection signals and passage detection signals. On the first conveyance path (61) the end on the diversion mechanism (71) side and the predetermined position (97p) are separated by at least the conveyance pitch.

No. of Pages : 43 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2814/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : LUBRICATING OIL COMPOSITION FOR METAL WORKING

(51) International classification :C10M169/04,C10M101/02,C10M129/06  
(31) Priority Document No :2010-077854  
(32) Priority Date :30/03/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/057658  
Filing Date :28/03/2011  
(87) International Publication No :WO 2011/122568  
(61) Patent of Addition to :NA  
Application Number :NA  
Filing Date  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

1)IDEMITSU KOSAN CO.,LTD.

Address of Applicant :1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 JAPAN

(72)Name of Inventor :

1)SUGII Hideo

(57) Abstract :

Provided is a lubricating oil composition for metal working obtained by adding a diester compound represented by formula (1) to a base oil: R1OCO-Z-COOR2(1) (where R1 and R2 are each independently C 1-18 alkyl groups and Z is a C 10-12 alkylene group).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/09/2012

(21) Application No.2815/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CENTRIFUGAL PUMP

(51) International classification	:F04D7/04,F04D29/22	(71) <b>Name of Applicant :</b> <b>1)ALFA LAVAL CORPORATE AB</b> Address of Applicant :P.O. Box 73, SE-22100 Lund, Sweden
(31) Priority Document No	:PA 2010 70183	
(32) Priority Date	:03/05/2010	
(33) Name of priority country	:Denmark	
(86) International Application No	:PCT/SE2011/050553	
Filing Date	:03/05/2011	
(87) International Publication No	:WO 2011/139223	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A centrifugal pump that comprises a casing in which an impeller (1) is arranged. The impeller (1) has a back side (2) that faces a back plate of the centrifugal pump and one or more vanes (51-55) for pumping the fluid. The back side (2) of the impeller (1) comprises a segmented scraper (3) for scraping from the back plate material that has been deposited from the fluid. The segmented scraper (3) comprises multiple protrusions (101-118), wherein each protrusion of the multiple protrusions (101-118) is facing the back plate, and an aggregated radial extension of the protrusions (101-118) equals a radius of the impeller (1) within an interval of  $\pm 10\%$   $\pm 25\%$  or even up to  $\pm 40\%$ .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2816/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING THE TRAIN LENGTH OF A PLURALITY OF COUPLED RAILROAD TRACTION VEHICLES

(51) International classification	:B61L25/02,B61L15/00	(71) <b>Name of Applicant :</b> <b>1)SIEMENS AKTIENGESELLSCHAFT</b> Address of Applicant :Wittelsbacherplatz 2, 80333 MÜNchen Germany
(31) Priority Document No	:10 2010 014 333.2	
(32) Priority Date	:07/04/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/054995	(72) <b>Name of Inventor :</b>
Filing Date	:31/03/2011	<b>1)BODE Christian</b>
(87) International Publication No	:WO 2011/124519	<b>2)RAHN Karsten</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 method and device for determining the train length of a plurality of coupled railway traction vehicles (1a,1b,1c) each comprising a vehicle device (2a,2b,2c) having an ID specific to the railway traction vehicle. In order to enable the determination of the train length of arbitrarily long train sets in a secure signaling manner using simple means according to the invention the vehicle devices (2a,2b,2c) determine whether the railway traction vehicle (1a,1b,1c) is coupled on one side or both sides by evaluating the coupling contacts and the IDs of all coupled railway traction vehicle(1a,1b,1c) or ID pairs indicating the adjoining relationships of railway traction vehicles (1a/1b,1b/1c) directly coupled to one another are successively transmitted to a particular vehicle device (2a, 2b,2c) by means of digital I/O connections (5a,5b,6a,6b) between the vehicle devices (2a,2b,2c) said device determining the train length as a function of the received IDs or ID pairs.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/09/2012

(21) Application No.2817/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PYRAZOLOPYRIMIDINE DERIVATIVE

(51) International classification	:C07D487/04,A61K31/519,A61P17/00
(31) Priority Document No	:2010-049827
(32) Priority Date	:05/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/055031
Filing Date	:04/03/2011
(87) International Publication No	:WO 2011/108689
(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)Kyowa Hakko Kirin Co., Ltd.

Address of Applicant :1-6-1, Ohtemachi, Chiyoda-ku,  
Tokyo 100-8185 JAPAN

(72)Name of Inventor :

1)YAMAMOTO, Keisuke

2)ARATAKE, Seiji

3)HEMMI, Kazuki

(57) Abstract :

11a1b1a1b2568873213a13a13d13e13d13e4Disclosed is a pyrazolopyrimidine derivative represented by formula (I) a pharmaceutically acceptable salt thereof or the like which is useful as a prophylactic and/or therapeutic agent for skin diseases. (In the formula R represents NRR (wherein R and R may be the same or different and each represents a hydrogen atom an aralkyl group or the like) or the like; R represents a group represented by formula (Ya) (wherein k and m each represents an integer of 0 2; n represents an integer of 0 4; L represents a single bond or the like; R represents a halogen or the like; R represents an aryl or the like; X represents CR (wherein R represents a hydrogen atom or the like) or the like; and R represents a hydrogen atom or the like) or the like; R represents SOR (wherein R represents a lower alkoxy NRC(=O)R (wherein R represents a hydrogen atom or the like and R represents a lower alkyl or the like) or the like; and R represents a hydrogen atom or the like.)

No. of Pages : 144 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2820/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROTECTION DEVICE WITH INCREASED FUNCTIONALITY, PARTICULARLY FOR SYRINGES AND THE LIKE

(51) International classification	:A61M5/32
(31) Priority Document No	:MI2010A000506
(32) Priority Date	:26/03/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2011/051261
Filing Date	:24/03/2011
(87) International Publication No	:WO 2011/117840
(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)MARGHERITA INVENTIONS S.R.L.

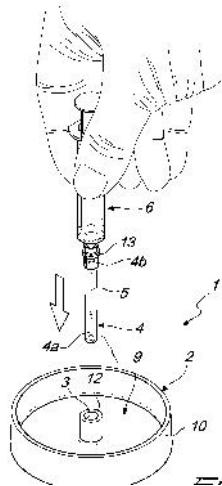
Address of Applicant :Via Bulgarelli, 14, 41038 San Felice sul Panaro, Italy

(72)Name of Inventor :

1)GIUBERCHIO Carlo

(57) Abstract :

A protection device (1) with improved functionality, particularly for syringes or the like, comprising a supporting body (2) which is provided with a through hole (3) for the insertion of the covering cap (4) of a needle (5) of a syringe (6) or the like, the peculiarity of which consisting in that the supporting body (2) is provided with at least one flat face (7), being arranged on the opposite side with respect to a face (9) for the insertion of the covering cap (4) in the hole (3), for the resting contact of the supporting body (2) on a resting surface (8) or the like, the face (9) lying opposite the flat face (7) being provided with a raised perimetric containment rim (10), the hole (3) having a diameter that is substantially larger than the diameter of the central portion (4a) of the covering cap (4) and substantially smaller than the diameter of the end portion (4b) of the covering cap (4) at the end for the insertion of the needle (5), a collar (11) being provided around the hole, the collar extending from the face (9) for the insertion of the covering cap.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/09/2012

(21) Application No.2821/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SINGLE-HEAD OR MULTI-HEAD EMBROIDERY MACHINE HAVING A TWO-THREAD LOCKSTITCH ROTARY LOOPER

(51) International classification :D05B69/00,D05C11/08,D05B19/12  
(31) Priority Document No :10 2010 013 016.8  
(32) Priority Date :24/03/2010  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2011/001369  
Filing Date :19/03/2011  
(87) International Publication No :WO 2011/116912  
(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)ZOJE EUROPE GMBH

Address of Applicant :Altes Forsthaus 4, 67661 Kaiserslautern, Germany

(72)Name of Inventor :

1)SCHMIDT Gottlieb

(57) Abstract :

The invention relates to a single-head or multi-head embroidery machine including stitch-forming tools which are each formed by a thread-guiding needle interacting with a two-thread lockstitch looper for forming stitches, and also including a feeding device for achieving relative movements between the material to be embroidered and the stitch-forming tools, which take place as a function of the movements of the needle. In order to avoid a temporal overlap of the stitch forming phase with the feeding movement of the material to be embroidered the two-thread lockstitch looper rotates at a speed which corresponds to n times the speed of the main shaft of the machine, where n is a whole number which is greater than the number 2.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2012

(21) Application No.2825/KOLNP/2012 A

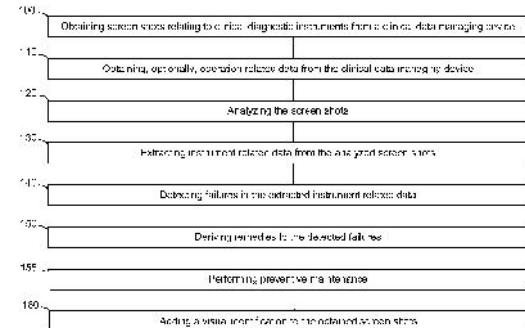
(43) Publication Date : 14/06/2013

(54) Title of the invention : EXTRACTING DATA RELATED TO CLINICAL DIAGNOSTIC INSTRUMENTS.

(51) International classification	:G06F19/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:12/730,382	<b>1)BIO-RAD LABORATORIES (ISRAEL) INC.</b>
(32) Priority Date	:24/03/2010	Address of Applicant :14 Homa Street, 75655 Rishon LeZion (IL). Israel
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/IB2011/051201	<b>1)JAFEE, Ian</b>
Filing Date	:22/03/2011	<b>2)ZELIG, Liat</b>
(87) International Publication No	:WO 2011/117817	<b>3)MONITZ, Rivka</b>
(61) Patent of Addition to Application Number	:NA	<b>4)SHEEP, Assaf</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A clinical diagnostic device monitoring system comprising: a data retrieving module embeddable in clinical data managing device the data retrieving module arranged to obtain screen shots relating to clinical diagnostic instruments from the clinical data managing device at specified periods without interruption to the device's operation and further arranged to communicate the screen shots via a communication link to a mediator server arranged to receive the screen shots from the data retrieving module; to analyze the screen shots; and to extract instrument related data from the analyzed screen shots wherein the screen shots analysis allows the extraction of instrument related data without further interface with the clinical data managing device nor with the clinical diagnostic instruments.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2826/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : ARTICLE HOLDING DEVICE

(51) International classification :B62J7/08,B62J11/00,B65H75/48  
(31) Priority Document No :2010-080316  
(32) Priority Date :31/03/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/057583  
Filing Date :28/03/2011  
(87) International Publication No :WO 2011/125598  
(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)NIFCO INC.

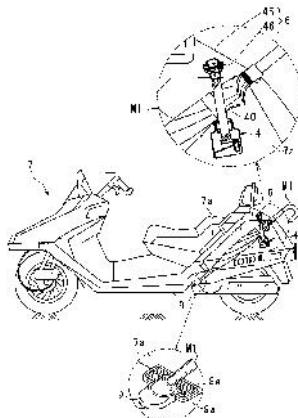
Address of Applicant :184-1, Maioka-cho, Totsuka-ku,  
Yokohama-shi, Kanagawa 244-8522, Japan

(72)Name of Inventor :

1)TANIGUCHI Katsuhiko

(57) Abstract :

The disclosed article holding device which restrains an article (M) in an article placement area comprises a device body (4) having a belt which wrapped in a releasable manner has a hook (5) on the pull out end and an engagement unit (6) for engaging the hook (5). The aforementioned article (M) is restrained in the aforementioned article placement area by the aforementioned belt by means of pulling out said belt from the aforementioned device body (4) and engaging the hook (5) in the engagement unit (6).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2827/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : PANE WITH ELECTRICAL CONNECTION ELEMENT

(51) International classification	:H05B3/84,H01R13/20,H01R13/11	(71) <b>Name of Applicant :</b> 1)SAINT-GOBAIN GLASS FRANCE Address of Applicant :18, Avenue d'Alsace, F-92400 Courbevoie, FRANCE
(31) Priority Document No	:10169372.9	(72) <b>Name of Inventor :</b>
(32) Priority Date	:13/07/2010	1)CHOLEWA, Harald 2)SCHLARB, Andreas 3)LESMEISTER, Lothar 4)RATEICZAK, Mitja 5)REUL, Bernhard 6)SCHMIDT, Lothar
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/061195	
Filing Date	:04/07/2011	
(87) International Publication No	:WO 2012/007303	
(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 disc with an electrical connection element, comprising: a substrate consisting of glass (1) an electrically conductive structure (2) with a layer thickness of between 5 µm and 40 µm on a region of said substrate (1) a connection element (3) and a layer of a soldering material (4) which electrically connects the connection element (3) to a sub region (12) of the electrically conductive structure (2) the connection element (3) containing at least one iron nickel alloy or one iron nickel cobalt alloy the connection element (3) being connected over its entire surface to the sub region (12) of the electrically conductive structure (2) by means of a contact surface (11) and said contact surface (11) having no corners.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2832/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : CONTINUOUS CASTING MOLD, METHOD FOR ADJUSTING TAPER OF CONTINUOUS CASTING MOLD, AND METHOD FOR CONTINUOUS CASTING

(51) International classification	:B22D11/05,B22D11/04	(71) <b>Name of Applicant :</b> <b>1)JFE STEEL CORPORATION</b> Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 JAPAN
(31) Priority Document No	:2010-076041	
(32) Priority Date	:29/03/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/058472	(72) <b>Name of Inventor :</b>
Filing Date	:28/03/2011	<b>1)KAMEDA Kiyohiro</b>
(87) International Publication No	:WO 2011/122690	<b>2)SERA Taizo</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NAITO Makoto</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a continuous casting mold wherein: a first drive mechanism (7a) and a third drive mechanism (7c) which are disposed in a vertical direction on the long side of a fixed mold (1a), are interlockably connected via a first connecting shaft (22a); a second drive mechanism (7b) and a fourth drive mechanism (7d), which are disposed in a vertical direction on the long side of the fixed mold (1a), are interlockably connected via a second connecting shaft (22b); the first and second connecting shafts (22a,22b) are rotated around the axes thereof so that the first to fourth drive mechanisms (7a to 7d) operate in unison, and the first to fourth drive mechanisms (7a to 7d) change the angle of inclination of the long side of a movable mold (1b). The continuous casting mold allows the tapered shape of the long side of the mold to be optimized without connections in the horizontal direction, and also allows a simple drive mechanism to be configured compared to an independent four-point control system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2833/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

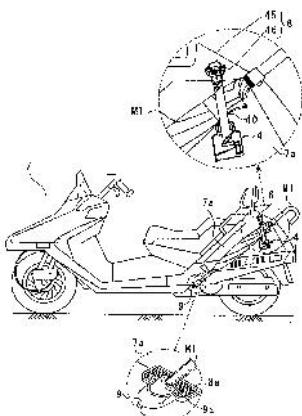
(54) Title of the invention : METHOD FOR DETERMINING A CHARGING TIME FOR CHARGING AN ELECTRIC ARC FURNACE WITH MATERIAL TO BE MELTED, SIGNAL PROCESSING DEVICE MACHINE-READABLE PROGRAM CODE, STORAGE MEDIUM AND ELECTRIC ARC FURNACE

(51) International classification	:C21C5/52,F27B3/28,F27D21/00	(71)Name of Applicant :
(31) Priority Document No	:102010003845.8	1) <b>SIEMENS AKTIENGESELLSCHAFT</b> Address of Applicant :Wittelsbacherplatz 2, 80333
(32) Priority Date	:12/04/2010	MÜNchen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/053988	1) <b>DITTMER, Björn</b>
Filing Date	:16/03/2011	2) <b>RIEGER, Detlef</b>
(87) International Publication No	:WO 2011/128170	3) <b>DÖBBELER, Arno</b>
(61) Patent of Addition to Application Number	:NA	4) <b>KRÜGER, Klaus</b>
Filing Date	:NA	5) <b>LEADBETTER, Sascha</b>
(62) Divisional to Application Number	:NA	6) <b>MATSCHULLAT, Thomas</b>
Filing Date	:NA	

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**(57) Abstract :**

The invention relates to an electric arc furnace, to a signal processing device, to a storage medium, to a machine readable program code, and to a method for determining a time for charging, in particular recharging an electric arc furnace (1) with material to be melted (G), in particular scrap, wherein the electric arc furnace (1) comprises at least one electrode (3a,3b,3c) for heating material to be melted (G) that is arranged inside the electric arc furnace (1) by means of an electric arc. By detecting a first signal (S) for determining a phase state of an electric arc root on the side of the material to be melted on the basis of a captured electrode current ( $I_k$ ) by checking whether the first signal (S) exceeds a predetermined threshold value for a predetermined minimum duration and by ensuring that the time for charging is reached at the earliest when the first signal exceeds the threshold value for the predetermined minimum duration, a state-oriented charging time for the operation of an electric arc furnace can be determined in order to reduce the use of energy, the use of resources, and the production time for a production cycle to reach a tap weight.



No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2012

(21) Application No.2834/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : BLADE OR VANE FOR A TURBOMACHINE

(51) International classification	:F01D5/18	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:EP10003948	<b>1)SIEMENS AKTIENGESELLSCHAFT</b>
(32) Priority Date	:14/04/2010	Address of Applicant :Wittelsbacherplatz 2, 80333
(33) Name of priority country	:EPO	MÜNchen Germany
(86) International Application No	:PCT/EP2011/055907	(72) <b>Name of Inventor :</b>
Filing Date	:14/04/2011	<b>1)CARTER, Dave</b>
(87) International Publication No	:WO 2011/128404	<b>2)HJALMARSSON, Christer</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SCOTT, Kevin</b>
Filing Date	:NA	<b>4)WANG, Lieke</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a blade or a vane component for a turbomachine. The component comprises an inner space (10) between two opposite inner walls (11,12) of the component, a plurality of ribs (21,22) projecting from the two opposite inner walls (11,12) forming a plurality of channels (20) on each of the two opposite inner walls (11,12) to guide the cooling fluid towards the trailing edge (14). The inner space (10) is divided into a leading section (30) towards the leading edge (13) of the component and a trailing section (31) towards the trailing edge (14) of the component wherein the ribs (21,22) are arranged in the leading section (30) and a plurality of pin-fins (26) projecting from the two opposite inner walls (11,12) are arranged in the trailing section (31) in a discrete manner.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2835/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FILTER ELEMENT WITH FEATURES TO IMPROVE PRE-CLEANING PERFORMANCE, SEALING, AND STRUCTURAL SUPPORT

(51) International classification	:B01D46/10	(71) <b>Name of Applicant :</b> <b>1)CUMMINS FILTRATION IP INC.</b> Address of Applicant :1400-73rd Avenue NE Minneapolis, MN 55432 U.S.A.
(31) Priority Document No	:61/383,621	
(32) Priority Date	:16/09/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/051880	(72) <b>Name of Inventor :</b>
Filing Date	:16/09/2011	<b>1)Rajeev Dhiman</b>
(87) International Publication No	:WO 2012/037433	<b>2)Jim ALONZO</b>
(61) Patent of Addition to Application Number	:NA	<b>3)Kelly Ann DETRA</b>
Filing Date	:NA	<b>4)Barry Mark VERDEGAN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are filter assembly systems that utilize replaceable filter elements. The filter elements may include a ramp or sleeve for redirecting air intake when the filter elements are installed in the filter assembly systems and air is drawn into the systems. The filter elements and assembly systems may utilize co acting components that make with each other to at least one of: a) orient and permit mounting of the filter element in the systems; and b) permit mounting of only an authorized filter element in the systems.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2012

(21) Application No.2836/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : HYDRAULIC DRIVE APPARATUS FOR DECK CRANE, CRANE APPARATUS, CONTROL APPARATUS FOR HYDRAULIC PUMP, AND SHIP

(51) International classification	:B66C13/20,B66C23/52,F04B49/00
(31) Priority Document No	:2010-045914
(32) Priority Date	:02/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/054562
Filing Date	:01/03/2011
(87) International Publication No	:WO 2011/108507
(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)MANABE CO., LTD.

Address of Applicant :633-3, Takabe-kou, Imabari-City,  
Ehime 7992113, JAPAN

(72)Name of Inventor :

1)MANABE Masayuki

(57) Abstract :

Disclosed is a hydraulic drive device for deck cranes which is capable of reducing wasted drive energy and the generation of noise caused by the discharge of operating oil from the hydraulic pump when the hydraulic device for deck cranes is idling. The hydraulic drive device (100) for deck cranes has: hydraulic actuators (130,170,185) which make the hydraulic device move; hydraulic pumps (120,160) which supply operating oil to the hydraulic actuators via an operating oil supply line; and a control unit (250) which controls the flow rate of the operating oil supplied to the hydraulic actuators in response to an operation which commands the movement of the hydraulic device and which substantially minimizes the discharge flow rate of operating oil from the hydraulic pumps when the hydraulic actuators connected to the pumps do not move for at least a predetermined amount of time.

No. of Pages : 65 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2012

(21) Application No.2837/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CONCRETE SLEEPER AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification	:E01B3/46,E01B1/00,E01B9/68
(31) Priority Document No	:10156352.6
(32) Priority Date	:12/03/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/053709
Filing Date	:11/03/2011
(87) International Publication No	:WO 2011/110669
(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)RST-RAIL SYSTEMS AND TECHNOLOGIES GMBH

Address of Applicant :Bessemerstrae 42b, 12103 Berlin,  
Germany

(72)Name of Inventor :

1)GÄRLICH, Hermann

2)ACHLER, Rainer Ernst-GÜnter

(57) Abstract :

The invention relates to a concrete sleeper comprising a plastic footing on its lower face and provided with a concrete body (12) which has a lower face (14). The concrete sleeper further comprises a plastic panel (18) which is disposed on the lower face (14) of the concrete body (12) the single-layer or multi-layer plastic panel (18) being connected to the concrete body (12) by a random fiber layer (16) which comprises fibers that are connected to the plastic panel (18) and/or are embedded in the concrete body (12). The random fiber panel (16) comprises fibers that have a diameter between 15 µm and 50 µm and a density of 20 to 200 fibers per square millimeter. Approximately 20% to 60% of the fibers have their free ends embedded in the concrete body (12) and the embedded fiber sections of the other fibers are designed as loops approximately 10% to 60% of the free fiber ends embedded in the concrete being curved by 30° to 90° relative to the lower face (14) of the concrete body (12).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2012

(21) Application No.2838/KOLNP/2012 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : ADHESION-PREVENTING MATERIAL

(51) International classification	:A61L31/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-082855	<b>1)HOGY MEDICAL CO., LTD.</b>
(32) Priority Date	:31/03/2010	Address of Applicant :7-7, Akasaka 2-chome, Minato-ku, Tokyo 1078615 JAPAN
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/JP2010/072141	<b>1)SOE Gilbu</b>
Filing Date	:09/12/2010	<b>2)AOSHIMA Motonori</b>
(87) International Publication No	:WO 2011/121858	<b>3)INOUE Toshiaki</b>
(61) Patent of Addition to Application Number	:NA	<b>4)HASEGAWA Kiyotaka</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are: a process for producing a novel carboxymethyl cellulose (CMC) structure which is useful as a medical material, particularly an adhesion-preventing material; and a CMC structure which has excellent biocompatibility and bioabsorbability and of which the period required for developing the function thereof and the period required for the dissolution thereof can be controlled or a CMC structure which can exhibit both an adhesion preventing effect and a wound healing effect at the same time. The structure is substantially composed of carboxymethyl cellulose components wherein an oxidized carboxymethyl cellulose and an alkali metal type carboxymethyl cellulose are contained in a mixed state. The process is characterized in that the outside of a structure composed of an alkali metal type (or acid type) carboxymethyl cellulose is treated with an acid (or an alkali) and the acid treatment (or the alkali treatment) is completed before the alkali metal type (or acid type) carboxymethyl cellulose is entirely converted into an acid type (or alkali metal type) carboxymethyl cellulose.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2839/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : 1-CYCLOPROPYL-8-METHYL-7-[5-METHYL-6-(METHYLAMINO)-3-PYRIDINYL]-4-OXO-1,4 DIHYDRO-3-QUINOLINECARBOXYLIC ACID SALTS

(51) International classification :C07D401/10,A61K31/4725,A61P31/04  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :PCT/EP2010/054506  
Filing Date :06/04/2010  
(87) International Publication No :WO 2011/124249  
(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)FERRER INTERNACIONAL S.A.

Address of Applicant :Gran Via Carlos III, 94, E-08028  
Barcelona SPAIN

(72)Name of Inventor :

1)PALOMER, Albert

2)ANGLADA, Luis

(57) Abstract :

There is provided a salt of 1-cyclopropyl-8- methyl-7-[5-methyl-6-(methylamino)-3- pyridinyl]-4-oxo-1, 4-dihydro-3-quinolinecarboxylic acid selected from the group consisting of citrate, hemi-fumarate, maleate, L-tartrate, mesylate, hydrochloride, potassium, and sodium salts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2012

(21) Application No.2840/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : IMAGE QUALITY ASSESSMENT INCLUDING COMPARISON OF OVERLAPPED MARGINS

(51) International classification	:G06T1/00,G02B21/00,H04N1/387
(31) Priority Document No	:12/756,877
(32) Priority Date	:08/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/031706
Filing Date	:08/04/2011
(87) International Publication No	:WO 2011/127361
(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)DIGITAL PATHCO LLC dba OMNYX**

Address of Applicant :30 Isabella Street, Suite 301,  
Pittsburgh, PA 15212 U.S.A.

**2)GENERAL ELECTRIC COMPANY**

(72)Name of Inventor :

**1)HENDERSON, David, L.**

**2)KENNY, Kevin, B.**

**3)PADFIELD, Dirk, R.**

**4)GAO, Dashan**

**5)McKAY, Richard, R.**

**6)BAXI, Vipul, A.**

**7)FILKINS, Robert, J.**

**8)MONTALTO, Michael, C.**

(57) Abstract :

Image quality is assessed for a digital image that is a composite of tiles or other image segments, especially focus accuracy for a microscopic pathology sample. An algorithm or combination of algorithms correlated to image quality is applied to pixel data at margins where adjacent image segments overlap and thus contain the same content in separately acquired images. The margins may be edges merged to join the image segments smoothly into a composite image, and typically occur on four sides of the image segments. The two versions of the same image content at each margin are processed by the quality algorithm producing two assessment values. A sign and difference value are compared with other image segments including by subsets selected for the orientation of the margins on sides on the image segments. The differences are mapped to displays. Selection criteria determine segments to be reacquired.

No. of Pages : 55 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2012

(21) Application No.2841/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : TUNING PEG FOR A STRINGED INSTRUMENT

(51) International classification	:G10D3/14	(71) <b>Name of Applicant :</b> <b>1)GOODBUY CORPORATION S.A.</b> Address of Applicant :Am schrägen Weg 14, FL-9490 Vaduz LIECHTENSTEIN
(31) Priority Document No	:10157648.6	
(32) Priority Date	:24/03/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/054570	
Filing Date	:24/03/2011	
(87) International Publication No	:WO 2011/117367	
(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 tuning peg for a stringed instrument, in particular a guitar, having a winding section (3) on which a string (15) runs and a fastening means for fixing a free end (16) of the string (15) which is improved in such a manner that a possibility of fixing a string end is created which is secure and non slip and can be obtained with little effort, and considerably reduces excessively high stress on the string end and thus the risk of breaking or tearing the string with respect to the prior art. To this end a tuning peg according to the invention comprises the following elements: i) a clamping element (8) ii) an abutment section (4) on the tuning peg (1) and a retaining section on the tuning peg (1) wherein the retaining section and the clamping element (8) are set up in such a manner that the clamping element (8) can be displaced axially on the tuning peg (1) along the retaining section and locked in a clamping position, and wherein the clamping element (8) and the abutment section (4) are set up in such a manner that they can clamp and retain a longitudinal section of the free end (16) of the string (15) between one another.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/09/2012

(21) Application No.2847/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SEAMLESS STEEL PIPE FOR LINE PIPE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :C22C38/00,C21D8/10,C21D9/08  
(31) Priority Document No :2010-127307  
(32) Priority Date :02/06/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/061769  
Filing Date :23/05/2011  
(87) International Publication No :WO 2011/152240  
(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 METAL INDUSTRIES, LTD.

Address of Applicant :5-33, Kitahama 4-chome Chuo-ku,  
Osaka-shi, Osaka JAPAN

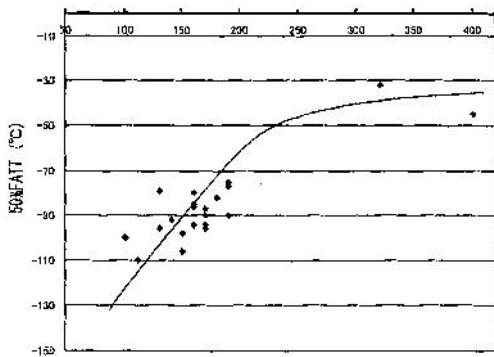
(72)Name of Inventor :

1)ARAI, Yuji  
2)HITOSHIO, Keisuke

(57) Abstract :

Provided is a seamless steel pipe for a line pipe having high strength and toughness. The seamless steel pipe for a line pipe has a chemical composition by mass% of 0.02% to 0.10% of C, 0.5% or less of Si, 0.5% to 2.0% of Mn, 0.01% to 0.1% of Al, 0.03% or less of P, 0.005% or less of S, 0.005% or less of Ca, and 0.007% or less of N, and further one or two or more selected from the group consisting of 0.008% or less of Ti, less than 0.06% of V, and 0.05% or less of Nb, and Fe and impurities as the balance, wherein the carbon equivalent (Ce<sub>q</sub>) as defined by formula (1) Ce<sub>q</sub>=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cr)/15 (1) is 0.38 or greater; the Ti, V and Nb content satisfies formula (2); Ti+V+Nb<0.06 (2) and the size of a carbonitride containing one or two or more of Ti, V, Nb, and Al is 200 nm or less.

SIZE OF SPECIFIED CARBO-NITRIDE (nm)



No. of Pages : 56 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2850/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : DEVICES FOR DISPENSING AND DISPLAYING PRODUCTS AND PACKAGE ASSEMBLIES FOR USE WITH THE SAME

(51) International classification	:B65H3/00
(31) Priority Document No	:61/310,238
(32) Priority Date	:03/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/026621
Filing Date	:01/03/2011
(87) International Publication No	:WO 2011/109350
(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)MEADWESTVACO CORPORATION

Address of Applicant :501 South 5th Street,3RD FLOOR,  
Richmond, VA 23219-0501 U.S.A

(72)Name of Inventor :

1)LOFTIN, Caleb, S.

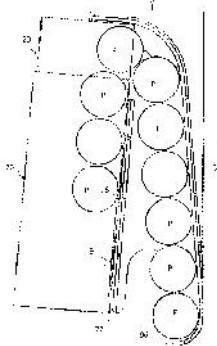
2)BATES, Aaron

3)BAILEY, Ryan ,A.

4)THOMAS, Laurel

(57) Abstract :

A device for dispensing and displaying products is disclosed. The device comprises: a package assembly having an outer sleeve with at least one aperture formed therein and a product retaining insert slidably engaged within the outer sleeve; a frame having an upper support deck and a product display area; and an engagement feature extending from the frame. When the package assembly is slid longitudinally onto the upper support deck of the frame, the engagement feature extends through the aperture formed in the outer sleeve and engages with the product retaining insert such that the products inside the package assembly are at least partially dispensed from the package into the product display area.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2851/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR MONITORING COMPANIES

(51) International classification	:G06Q50/00
(31) Priority Document No	:2010 0464
(32) Priority Date	:29/03/2010
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2011/000109
Filing Date	:29/03/2011
(87) International Publication No	:WO 2011/122956
(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)COMPANYBOOK AS**

Address of Applicant :Lilleakerveien 8, 0283 Oslo,  
NORWAY

(72)**Name of Inventor :**

**1)JELLUM, Harald**

(57) Abstract :

Method and arrangement for matching of enterprises and detection of changes for an enterprise by the use of mathematical models that make it possible to match and find similarities between enterprises and also discover changes in an enterprise. The method uses mathematical representation models for enterprises and is suited to make a large number of comparisons automatically. The characteristics of the enterprises are represented by different vectors (74). The direction and length of the vectors are compared by taking the scalar product between them (76). Changes for the characteristics of an enterprise appear as changes in the direction and length of the vectors. By continuously monitoring the derivative of the characteristics of the enterprises this show how large and how quickly a change has occurred (78). The market for the invention is local and global enterprises that wish to find new customers, partners, distributors or other business contacts and also discover changes for in their customers, partners or other business contacts so that they can get an early warning of larger changes that will have consequences for the relationship.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2852/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : PREPARATION METHOD FOR PERFLUOROALKANE SULFINATE

(51) International classification	:C07C313/02	(71) <b>Name of Applicant :</b> <b>1)CENTRAL GLASS COMPANY LIMITED</b> Address of Applicant :5253, Oaza Okiube, Ube-shi, Yamaguchi 755-0001, JAPAN
(31) Priority Document No	:2010-047253	
(32) Priority Date	:04/03/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/054844	
Filing Date	:03/03/2011	
(87) International Publication No	:WO 2011/108622	
(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 preparation method for obtaining an alkali metal perfluorosulfinate by reacting a perfluoroalkane sulfinyl halide with a sulfur containing reducing agent in the presence of water, wherein mineral salts, which are an impurity in the solution, are precipitated and removed by concentrating a reaction mixture comprising an alkali metal sulfinate obtained following said reaction to a specified concentration, and the filtrate after the removal of mineral salts is concentrated and dried, and the like, thereby obtaining the target alkali metal perfluorosulfinate at a high purity and excellent operability. In addition, organic solvents for extraction are unnecessary, and waste can be significantly reduced.

No. of Pages : 34 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2842/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : CONTINUOUS WEB PROCESSING DEVICE

(51) International classification	:A61F13/15,A61F13/49,B65H45/22
(31) Priority Document No	:2010-069799
(32) Priority Date	:25/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/057292
Filing Date	:25/03/2011
(87) International Publication No	:WO 2011/118751
(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)UNICHARM CORPORATION

Address of Applicant :182, Shimobun, Kinsei-cho,  
Shikokuchuo-shi, Ehime 7990111 JAPAN

(72)Name of Inventor :

1)YAMAMOTO, Hiroki

2)TAKEUCHI, Kenji

3)KAWAZU, Fumihito

(57) Abstract :

A folding unit (120) extends in the MD2 direction and has a central guide (121) that comes into contact with the bottom of the crotch part (13) a pair of side guides (122) that come into contact with the front waist (11) and the rear waist (12) and a layering roller (150) that lays the front waist (11) and the rear waist (12) one on the other. The space between the pair of side guides (122) becomes narrower in the downstream conveyance direction. The ends (122de) of the side guides (122) are located further upstream in the conveyance direction than the end (121de) of the central guide (121). The layering roller (150) lays the front waist (11) and the back waist (12) one on the other further downstream in the conveyance direction than the side guides (122).

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2843/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : DYNAMIC VOLTAGE DITHERING

(51) International classification	:G06F1/32	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/356,438	<b>1)APPLE INC.</b>
(32) Priority Date	:18/06/2010	Address of Applicant :1 Infinite Loop, Cupertino, CA 95014
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/039510	(72) <b>Name of Inventor :</b>
Filing Date	:07/06/2011	<b>1)DE CESARE, Joshua</b>
(87) International Publication No	:WO 2011/159526	<b>2)ANDREWS, Jonathan, Jay</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A request for a high voltage mode is received and a high voltage timer is started in response to determining that a remaining amount of high voltage credits exceeds a voltage switch threshold value. A switch to the high voltage mode is made in response to the request. A low voltage mode is switched to in response to an indication. The request may be received from an application running on a data processing system. If the indication is that the high voltage timer has expired, a low voltage timer is started in response to switching to low voltage mode. If the high voltage request is still active when the low voltage timer expires, a switch back to high voltage mode occurs and a new high voltage timer is started.

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2844/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : ADJUSTMENT DRIVE FOR ADJUSTING THE STRING TENSION OF A STRINGED INSTRUMENT

(51) International classification	:G10D3/14,G10H3/18	(71) <b>Name of Applicant :</b> <b>1)GOODBUY CORPORATION S.A.</b> Address of Applicant :Am schrägen Weg 14, CH-9490 Vaduz LIECHTENSTEIN
(31) Priority Document No	:10157642.9	
(32) Priority Date	:24/03/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/054571	
Filing Date	:24/03/2011	
(87) International Publication No	:WO 2011/117368	
(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 combined manual and motorised adjustment drive for adjusting the string tension of a stringed instrument, in particular a guitar, having a tuning peg (5) for winding and unwinding a string running thereon, a drive motor (9), in particular an electric motor, a force-transmitting member for transmitting a drive force generated by the drive motor (9) to the tuning peg (5) for rotating the latter and an adjustment element (24,25,26), which must be operated manually and couples with the force transmitting member for manual adjustability of the rotary position of the tuning peg (5) wherein said adjustment drive is improved in that it allows a compact design in addition to reliable self-retention and good adjustability of the manual drive.

According to the invention the force transmitting member is an at least three-stage reduction gear

(11,12,13,14,15,16,17,18,19,20,21,22,23), having a first gear stage (11) on which the drive motor (9) acts with an output shaft and a last gear stage (22,23), which acts on the tuning peg (5) in order to rotate the latter, and the adjustment element (24,25,26) acts on a gear stage (17,18) of the reduction gear (11,12,13,14,15,16,17,18,19,20,21,22,23) between the first (11) and the last (22,23) gear stages to introduce the force.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2845/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CHECKING VALUE DOCUMENTS

(51) International classification	:G07D7/04	(71) <b>Name of Applicant :</b> <b>1)GIESECKE &amp; DEVRIENT GMBH</b> Address of Applicant :Prinzregentenstrasse 159, 81677 MÜNchen Germany
(31) Priority Document No	:10 2010 023 097.9	
(32) Priority Date	:09/06/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/002488	
Filing Date	:18/05/2011	
(87) International Publication No	:WO 2011/154088	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the checking of value documents which have a security element with a plurality of magnetic areas, including a high coercivity magnetic area, a low-coercivity magnetic area and a combined magnetic area, which contains both the high-coercivity and the low-coercivity magnetic material. When all magnetic areas have been magnetized in a first direction, second magnetization is performed, which involves only the low-coercivity magnetic material being remagnetized parallel to the first magnetization in the opposite direction, but the high-coercivity magnetic material remaining oriented in the first direction of magnetization. Next, first magnetic signals from the security element are detected using a first magnetic detector, and second magnetic signals are detected using a second magnetic detector. The magnetic signals are used to identify each magnetic area of the security element as a high-coercivity, a low-coercivity or a combined magnetic area.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2846/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

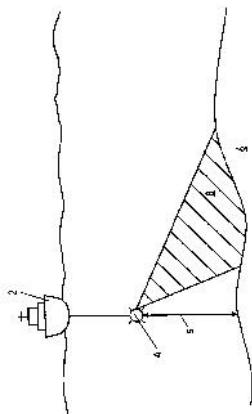
(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND DEVICE FOR MEASURING A GROUND PROFILE

(51) International classification	:G01S15/42,G01S15/89	(71)Name of Applicant :
(31) Priority Document No	:10 2010 021 635.6	1)ATLAS ELEKTRONIK GMBH
(32) Priority Date	:26/05/2010	Address of Applicant :SebaldsbrÜcker Heerstrasse 235, 28309 Bremen, Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/058468	1)FASSBENDER, Tobias
Filing Date	:24/05/2011	2)FREKING, Benno
(87) International Publication No	:WO 2011/147830	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for measuring a ground profile by means of a transmitting arrangement for directed emission of sound signals mounted on a waterborne vehicle (2) and a receiving arrangement having at least two transformers for receiving the sound waves reflected by the ground profile. The transformers A and B each generate a received signal (24) that is sampled and saved at predetermined sampling points in time. A coarse delay time (44) is determined from the received signals (24) of two transformers indicating the number of sampling points in time by which the received signals (24) are shifted. Using the shifted received signals (28) a phase difference is determined for a predetermined number of sampling points in time each corresponding to a fine delay time (52). A chain difference (56) can be determined from the sum of the coarse delay time (44) and the fine delay time (52) for said sampling points in time, from which a received angle (60) and an impingement coordinate (64) can be derived in conjunction with a signal curve time (38) of the sound signals. The invention further relates to a device for carrying out such a method.



No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2012

(21) Application No.2861/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SOLID COMPOSITIONS

(51) International classification :A61K31/4965,A61K31/498,A61K31/395  
(31) Priority Document No :61/339,964  
(32) Priority Date :10/03/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2011/027511  
Filing Date :08/03/2011  
(87) International Publication No :WO 2011/112558  
(61) Patent of Addition to :NA  
Application Number :NA  
Filing Date  
(62) Divisional to :NA  
Application Number :NA  
Filing Date

(71)Name of Applicant :

1)ABBOTT LABORATORIES

Address of Applicant :100 Abbott Park Road, 032G/AP6A-1, Abbott Park, IL 60064-6008 U.S.A.

(72)Name of Inventor :

1)LIEPOLD, Bernd

2)ROSENBLATT, Karin

3)HÖLIG, Peter

4)GOKHALE, Rajeev

5)PRASAD, Leena

6)MILLER, Jonathan

7)SCHMITT, Eric A.

8)MORRIS, John, B.

(57) Abstract :

The present invention features solid compositions comprising amorphous Compound I. A solid dispersion of the present invention also contains a pharmaceutically acceptable hydrophilic polymer and a pharmaceutically acceptable surfactant. Compound I may be formulated in an amorphous solid dispersion which comprises a pharmaceutically acceptable hydrophilic polymer and preferably a pharmaceutically acceptable surfactant.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2012

(21) Application No.2862/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : VIRTUAL TOPOLOGY ADAPTATION FOR RESOURCE OPTIMIZATION IN TELECOMMUNICATION NETWORKS

(51) International classification :H04L12/24,H04L29/06,H04L12/56  
(31) Priority Document No :61/330,126  
(32) Priority Date :30/04/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2011/034184  
Filing Date :27/04/2011  
(87) International Publication No :WO 2011/137187  
(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)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Address of Applicant :1111 Franklin Street Twelfth Floor, Oakland, CA 94607-5200 U.S.A.

(72)Name of Inventor :

1)MUKHERJEE, Biswanath  
2)CHOWDHURY, Pulak Kumar

(57) Abstract :

Some embodiments described in this disclosure provide methods and apparatuses for managing a network e.g. by performing virtual topology adaptation for resource optimization. In some embodiments a system can monitor traffic on the network to identify heavily loaded and/or lightly loaded links in the network. In response to identifying a lightly loaded link, the system can shift traffic from the lightly loaded link to one or more other links in the network. After the traffic has been shifted the system can move circuitry associated with the lightly loaded link into a low power state. In response to identifying a heavily loaded link, the system can activate a new link in the network by moving circuitry associated with the new link from a low-power state into a high-power state. After the new link has been activated, the system can shift traffic from the heavily loaded link to the new link.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2012

(21) Application No.2864/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROTEIN CAPABLE OF BINDING SPECIFICALLY TO IMMUNOGLOBULIN, AND IMMUNOGLOBULIN-BINDING AFFINITY LIGAND

(51) International classification	:C12N15/09,C07K1/22,C07K14/31
(31) Priority Document No	:2010-068870
(32) Priority Date	:24/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/057156
Filing Date	:24/03/2011
(87) International Publication No	:WO 2011/118699
(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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1)YOSHIDA Shinichi

2)MURATA Dai

3)TAIRA Shunichi

4)TAKANO Masayuki

5)IGUCHI Keita

6)NAKANO Yoshiyuki

(57) Abstract :

Disclosed is a novel modified protein A ligand having superior antibody acid dissociation properties than those of conventional modified protein A ligands. Specifically disclosed is a protein having an affinity for an immunoglobulin which is characterized by comprising an amino acid sequence which is produced by introducing at least one amino acid residue replacement mutation into an amino acid sequence that is derived from any one of domains E,D,A,B and C in protein A, corresponds to amino acid residues lying between position-31 to position-37 in each of domains A,B and C (amino acid residues lying between position-29 to position-35 in domain E, and amino acid residues lying between position-34 to position-40 in domain D) in protein A and is conserved in all of domains E,D,A,B and C in protein A, and which is also characterized by having a reduced affinity for an Fab region in the immunoglobulin compared with a protein comprising the amino acid sequence in which the mutation is not introduced yet.

No. of Pages : 64 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2012

(21) Application No.2853/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MEASURING A PLURALITY OF LOUDSPEAKERS AND MICROPHONE ARRAY

(51) International classification :H04R5/04,H04R29/00,H04R1/40  
(31) Priority Document No :61/319,712  
(32) Priority Date :31/03/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/EP2011/054877  
Filing Date :30/03/2011  
(87) International Publication No :WO 2011/121004  
(61) Patent of Addition to Application Number :NA  
Application Number :NA  
Filing Date :  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

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(72)Name of Inventor :

1)SILZLE, Andreas  
2)THIERGART, Oliver  
3)DEL GALDO, Giovanni  
4)LANG, Matthias

(57) Abstract :

An apparatus for measuring a plurality of loudspeakers arranged at different positions comprises: a test signal generator (10) for generating a test signal for a loudspeaker; a microphone device (12) being configured for receiving a plurality of different sound signals in response to one or more loudspeaker signals emitted by a loudspeaker of the plurality of loudspeakers in response to the test signal; a controller (14) for controlling emissions of the loudspeaker signals by the plurality of loudspeakers and for handling the plurality of different sound signals so that a set of sound signals recorded by the microphone device is associated with each loudspeaker of the plurality of loudspeakers in response to the test signal; and an evaluator (16) for evaluating the set of sound signals for each loudspeaker to determine at least one loudspeaker characteristic for each loudspeaker and for indicating a loudspeaker state using the at least one loudspeaker characteristic for the loudspeaker. This scheme allows an automatic efficient and accurate measurement of loudspeakers arranged in a three dimensional configuration.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2012

(21) Application No.2855/KOLNP/2012 A

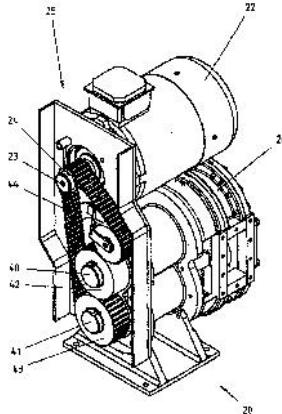
(43) Publication Date : 14/06/2013

(54) Title of the invention : ROTARY PISTON PUMP AND METHOD FOR OPERATING A ROTARY PISTON PUMP

(51) International classification	:F04C2/12	(71) Name of Applicant :
(31) Priority Document No	:10 2010 014 218.2	1)NETZSCH MOHNOPUMPEN GMBH
(32) Priority Date	:08/04/2010	Address of Applicant :GebrÜder-Netzsch-Strasse 19, 95100
(33) Name of priority country	:Germany	Selb, Germany
(86) International Application No Filing Date	:PCT/DE2011/000373 :06/04/2011	(72) Name of Inventor :
(87) International Publication No	:WO 2011/124213	1)LINDE, Hans Jürgen
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MURRENHOFF, Bernhard
(62) Divisional to Application Number Filing Date	:NA :NA	3)KURZ, Robert
		4)DENK, Reinhart
		5)STRASSL, Josef
		6)BÖHME, Thomas
		7)KAMAL, Hisham
		8)WEIGL, Stefan
		9)WILLIS, Roger
		10)KERN, Stefan
		11)KREIDL, Johann
		12)HERR, Gunter
		13)KNEIDL, Franz
		14)TEKNEYAN, Mikael
		15)WEBER, Erwin
		16)VERHOEVEN, Marcel
		17)GRADL, Mathias
		18)ENDERLE, Udo

(57) Abstract :

The invention relates to a rotary piston pump (20) which comprises at least one motor (22) having at least two counter-rotating rotary pistons (32). The at least two rotary pistons (32) are housed in an oval pump housing (26). The at least two rotary pistons (32) are arranged on a first output shaft (40) and a second output shaft (41). The first output shaft (40) and the second output shaft (41) are driven and synchronized via at least one elastic element (44).



No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2012

(21) Application No.2856/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : HOUSING WITH EXPANDED AMBIENT TEMPERATURE RANGE

(51) International classification:H02B1/56,H02B1/28,H01H9/04  
(31) Priority Document No :10 2010 013 313.2  
(32) Priority Date :29/03/2010  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2011/054489  
Filing Date :23/03/2011  
(87) International Publication No :WO 2011/124475  
Application Number :NA  
Filing Date :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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Germany

(72)Name of Inventor :

1)**LIMBACHER Bernd**

2)**HERMANN, Wolf**

3)**POIDL, JÜrgen**

4)**RÜCKGAUER, Johannes**

(57) Abstract :

The invention relates to a housing designed for ignition protection according to explosion protection requirement and having a temperature control device. The temperature control device is made of a pipe coil thermally well-connected to at least one of the walls. Optionally, temperature control fluid is carried through the pipe coil by means of a circulating pump in order to increase or decrease the temperature of the housing, depending on the application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2857/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/09/2012

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : DEVICE AND METHOD FOR ATTACHING HAIR

(51) International classification	:A61F2/10	(71) <b>Name of Applicant :</b> <b>1)COSTABILE James</b> Address of Applicant :136 Stonehenge Terrace, Clark, NEW JERSEY-07066 U.S.A.
(31) Priority Document No	:12/755,511	
(32) Priority Date	:07/04/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/031225	(72) <b>Name of Inventor :</b> <b>1)COSTABILE James</b>
Filing Date	:05/04/2011	
(87) International Publication No	:WO 2011/127038	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fitting and a method for utilizing one or more of such fittings are described for securing supplemental hair to a persons head along the outer surface of the persons scalp, to create an enhanced, natural appearance independent of the population and location of any natural hair on the persons head. Each fitting includes a base and a longitudinal bridge rising from the base to establish an eye providing a lateral path beneath the bridge. Each base is embedded beneath the outer surface of the persons scalp to secure the corresponding fitting at a selected strategic location on the persons head with the bridge projecting from the outer surface to provide a corresponding attachment site. Supplemental hair is juxtaposed with and secured to each bridge with a corresponding ligature passed through the eye of each corresponding bridge.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2870/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : MEDICAMENT DELIVERY DEVICE COMPRISING FEEDBACK SIGNALLING MEANS

(51) International classification :A61M5/20,A61M5/315  
(31) Priority Document No :1050307-6  
(32) Priority Date :31/03/2010  
(33) Name of priority country :Sweden  
(86) International Application No :PCT/SE2011/050326  
Filing Date :23/03/2011  
(87) International Publication No :WO 2011/123024  
(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)SHL Group AB

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Augustendalsvägen 19 SE-13128 Nacka Strand Sweden

(72)Name of Inventor :

1)DANIEL, Mattias

(57) Abstract :

The present invention relates to a medicament delivery device (1) comprising a drive means configured to act on a medicament container for expelling a medicament; a holding means configured to hold said drive means in a pre-tensioned state; an activation means configured to interact with said holding means for releasing said drive means from the pre-tensioned state; wherein the device further comprises feedback means configured to interact both with said holding means and with said drive means for generating an audible and/or tactile and/or visual signal indicating that the medicament has been completely expelled.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2012

(21) Application No.2875/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : FERTILIZER COMPOSITION CONTAINING MICRONUTRIENTS AND METHODS OF MAKING SAME

(51) International classification :C05G5/00,C05B15/00,B05D7/24  
(31) Priority Document No :61/309,894  
(32) Priority Date :03/03/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2011/025880  
Filing Date :23/02/2011  
(87) International Publication No :WO 2011/109202  
(61) Patent of Addition to Application Number :NA  
Application Number :NA  
Filing Date  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

1)MOS HOLDINGS INC.

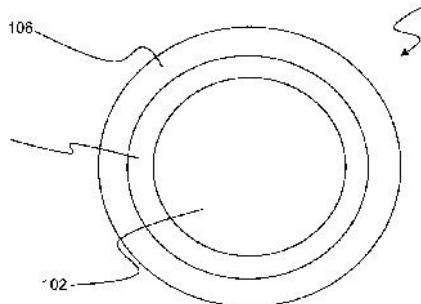
Address of Applicant :3033 Campus Drive, Suite E 490  
Plymouth, MN 55441 U.S.A.

(72)Name of Inventor :

1)PEACOCK, Lawrence, Alan  
2)STACEY, Samuel  
3)McLAUGHLIN, Michael

(57) Abstract :

A fertilizer composition including a base fertilizer granule with a barrier coating and one or more micronutrients. The base fertilizer material is coated with a barrier coating, and then a coating of one or more micronutrients. Alternatively, the base fertilizer material is coated with a barrier coating having discrete particles of micronutrients dispersed throughout. The barrier coating acts to physically and chemically isolate the micronutrient particles from the underlying fertilizer composition such that more of the micronutrient is available to the soil solution, and ultimately to the root zone of the plant.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2876/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR GENERATING A PARVOVIRUS B19 VIRUS-LIKE PARTICLE

(51) International classification :C12N7/04,C07K14/015  
(31) Priority Document No :61/321,856  
(32) Priority Date :07/04/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2011/031630  
    Filing Date :07/04/2011  
(87) International Publication No :WO 2011/127316  
(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)NOVARTIS AG

Address of Applicant :Lichtstrasse 35, CH-4056 Basel  
SWITZERLAND

(72)Name of Inventor :

1)SETTEMBRE, Ethan

2)MEDINA-SELBY, Angelica

3)COIT, Doris

4)DORMITZER, Philip, R.

(57) Abstract :

The invention provides a process for generating parvovirus VP1/VP2 virus like particles (VLPs). The invention further provides methods for purification of the parvovirus VLPs and immunogenic compositions that contain the VLPs. The invention also includes recombinant nucleic acid molecules that encode parvovirus VP1 and VP2, and host cells that contain the recombinant nucleic acids.

No. of Pages : 88 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2878/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : AN IMPROVED SEAL BETWEEN PIPES

(51) International classification	:F16L15/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:1005247.0	<b>1)HIGH SEALED AND COUPLED HSC FZCO</b>
(32) Priority Date	:29/03/2010	Address of Applicant :East Wing Building 2, Office 105, Dubai Airport Free Zone Area, Dubai UNITED ARAB EMIRATES U.A.E.
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2010/002261	
Filing Date	:13/12/2010	(72) <b>Name of Inventor :</b>
(87) International Publication No	:WO 2011/121263	<b>1)UEENO, Katsuo</b>
(61) Patent of Addition to Application Number	:NA	<b>2)HIGNETT, Ian, Harold</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a screw-threaded pipe joint comprising a pin (20) having at one end a male screw-threaded portion and a box (10) having at one end a female portion having a complementary screw-thread. The pin and box inter-engage along the threaded portions with the male thread extending to a male stop shoulder adjacent a complementary stop shoulder on the other portion. The complementary stop shoulder comprises a recess in the form of a cone receiver having a radial surface (23) adjacent a corresponding radial surface (15) on the complementary stop shoulder. A curved sealing surface (24) on the pin (20) sealingly engages a corresponding curved sealing surface (16) on the complementary stop shoulder of the box (10), each curved sealing surface (16,24) lying on the arc of the circumference of a separate circle, and wherein the curvature of the box sealing surface (16) is greater than on the sealing surface (24) on the pin (20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2879/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR PREPARING AMINOBENZOFURAN DERIVATIVES

(51) International classification :C07D307/81,C07D307/80,C07D307/79  
(31) Priority Document No :10 52481  
(32) Priority Date :01/04/2010  
(33) Name of priority country :France  
(86) International Application No :PCT/FR2011/050726  
Filing Date :31/03/2011  
(87) International Publication No :WO 2011/121245  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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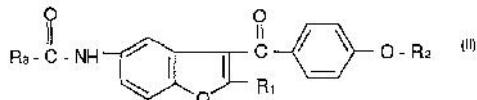
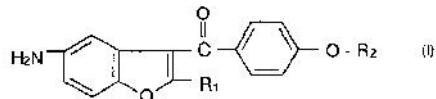
(72)Name of Inventor :

1)BON, Xavier

2)LEROY, Corinne

(57) Abstract :

The invention relates to a process for preparing 5-aminobenzofuran derivatives of general formula: Formula (I), in which R1 is hydrogen or an alkyl group and R2 is an alkyl or dialkylaminoalkyl group. According to the invention, the compounds of formula (I) are prepared by treating a 5-N-alkylamidobenzofuran derivative of general formula: in which R1 and R2 have the same meaning as above and R3 is an alkyl group, with a strong acid, so as to form an acid addition salt of the compound of formula (I), which salt is itself treated, if necessary, with a basic agent so as to form this compound of formula (I) in free base form.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2880/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : PROCESS FOR PREPARING CARRIER PARTICLES FOR DRY POWDERS FOR INHALATION

(51) International classification	:A61K9/50,A61K9/00
(31) Priority Document No	:10158951.3
(32) Priority Date	:01/04/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/053695
Filing Date	:11/03/2011
(87) International Publication No	:WO 2011/120779
(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)CHIESI FARMACEUTICI S.P.A.

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ITALY

(72)Name of Inventor :

1)MUSA, Rossella

2)COCCONI, Daniela

3)CHAMAYOU, Alain

4)GALET, Laurence

(57) Abstract :

The invention concerns a process for preparing carrier particles for use in dry powder formulations for inhalation. The invention is also directed to the carrier particles obtainable by said process and to powder pharmaceutical formulations thereof.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2881/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : NOVEL POLYMORPHS AND SALTS

(51) International classification	:C07C61/40	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10158954.7	<b>1)CHIESI FARMACEUTICI S.P.A.</b>
(32) Priority Date	:01/04/2010	Address of Applicant :Via Palermo, 26/A, I-43100 Parma
(33) Name of priority country	:EPO	ITALY
(86) International Application No	:PCT/EP2011/053694	(72) <b>Name of Inventor :</b>
Filing Date	:11/03/2011	<b>1)PIVETTI, Fausto</b>
(87) International Publication No	:WO 2011/120778	<b>2)DELCANALE, Maurizio</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GIAFFREDA, Stefano Luca</b>
Filing Date	:NA	<b>4)CURZI, Marco</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns three novel polymorphic forms and several novel salts of 1-(3,4- dichloro-2-fluorobiphenyl-4-yl)cyclopropanecarboxylic acid, and their use in prevention or treatment of Alzheimers Disease.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2885/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : TRANSPARENT PANE WITH HEATABLE COATING, AND PRODUCTION METHOD THEREFOR

(51) International classification	:B60S1/02,B60S1/04,H05B3/84
(31) Priority Document No	:EP 10162471.6
(32) Priority Date	:10/05/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/057565
Filing Date	:10/05/2011
(87) International Publication No	:WO 2011/141487
(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)LISINSKI Susanne

2)SCHALL GÜnther

3)PHAN Dang Cuong

4)REUL Bernhard

5)VORTMEIER Gunther

(57) Abstract :

The invention relates to a transparent panel having a transparent heatable coating which extends at least over a part of the panel surface, in particular the visual field. The heatable coating is divided by at least one heatable coating free zone into at least one first heatable coating zone and a second heatable coating zone wherein each of the two heatable coating zones is electrically connected to at least two collecting conductors such that after a supply voltage that is provided by a voltage source is applied a current flows over both at least one first heating field formed by the first heatable coating zone and at least one second heating field formed by the second heatable coating zone. At least one heating element is arranged in the heatable coating free zone the ohmic resistance of said heating element being such that the panel can be heated in a surface area containing the heatable coating free zone by applying the supply voltage to the heating element. The at least one heating element is designed such that by applying the supply voltage to the heating element the panel can also be heated in at least one surface area that adjoins the heatable coating free zone and contains at least one of the collecting conductors.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2012

(21) Application No.2886/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : MULTICARRIER COMMUNICATION SYSTEM, AND ADAPTIVE CARRIER SELECTION AND LINK QUALITY REPORTING METHOD FOR THE SAME

(51) International classification	:H04W24/02,H04W24/10,H04J11/00
(31) Priority Document No:	10-2010-0031071
(32) Priority Date	:05/04/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/002207
Filing Date	:31/03/2011
(87) International Publication No	:WO 2011/126234
(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)LIM Jun Sung

2)MOON Hi Chan

3)KIM Jin Ho

4)HAN Jung Su

(57) Abstract :

A link quality reporting method and apparatus, and a carrier selection method and apparatus, for a multicarrier communication system utilizing carrier aggregation are disclosed. In the system, the user equipment measures, for each component carrier divided into a Physical Downlink Shared Channel (PDSCH) resource region and a Physical Downlink Control Channel (PDCCH) resource region, link quality of the PDSCH resource region and the PDCCH resource region of the component carrier and sends measured link quality information as feedback information to the base station, and the base station, adaptively selects a set of component carriers for control information transmission (i.e. a PDCCH Component Carrier (CC) SET) and a set of component carriers for data transmission (i.e. a DownLink (DL) CC SET) on the basis of the feedback information.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2892/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : SIGNAL PROCESSOR, ENCODER, AND MOTOR SYSTEM

(51) International classification	:G01D5/244
(31) Priority Document No	:2010-085799
(32) Priority Date	:02/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/051215
Filing Date	:24/01/2011
(87) International Publication No	:WO 2011/125360
(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 YASKAWA DENKI

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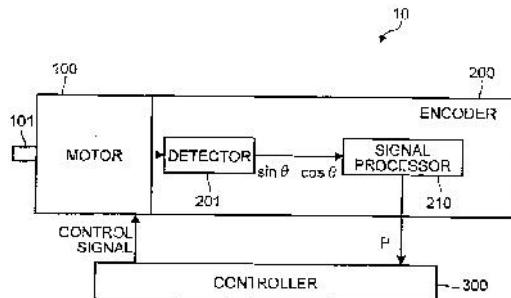
(72)Name of Inventor :

1)YOSHITAKE, Hironobu

2)SAKATA, Toshikazu

(57) Abstract :

Disclosed are a signal processor, encoder and motor system with which it is possible to reduce the misalignment that occurs between the detected position calculated by an encoder and the actual position. The signal processor comprises: an AD converter that converts a periodic analog signal outputted from a detection unit according to the position (Q) of the motor into a digital signal in a predetermined conversion cycle (Tad); a tracking unit that calculates the position (P) of the motor in the calculation cycle (Tc) on the basis of the digital signal outputted at the conversion cycle (Tad) converted by the AD converter; an operating status specifying unit that specifies the operating status of a motor on the basis of the position (P) of the motor calculated by the tracking unit; and calculation cycle determining units (213), (216) that change the calculation cycle (Tc) of the tracking unit in such a manner that the position (P) of the motor, as calculated by the tracking unit according to the operating status of the motor specified by the operating status specifying unit, tracks the actual position (Q) of the motor.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2894/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : UV ABSORBER FOR REDUCING THE E/Z ISOMERIZATION OF PESTICIDES

(51) International classification	:A01N25/22,A01N37/34,A01P7/04
(31) Priority Document No	:61/324,339
(32) Priority Date	:15/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/055898
Filing Date	:14/04/2011
(87) International Publication No	:WO 2011/141264
(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)**BASF SE**

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)**ISHAQE, Michael**

2)**SWAMINATHAN, Vijay Narayanan**

3)**HAREMZA, Sylke**

4)**TARANTA, Claude**

5)**BAXTER, William**

(57) Abstract :

The present invention relates to the use of a UV absorber for reducing the E/Z isomerization of pesticides containing a double bond. The invention further relates to a composition comprising an E isomer and/or a Z isomer of a pesticide containing a double bond and to a UV absorber.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2895/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : BASE STATION DEVICE, MOBILE TERMINAL DEVICE AND COMMUNICATION CONTROL METHOD

(51) International classification :H04W16/16,H04W16/32,H04W72/04  
(31) Priority Document No :2010-087390  
(32) Priority Date :05/04/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/058611  
Filing Date :05/04/2011  
(87) International Publication No :WO 2011/126008  
(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.

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(72)Name of Inventor :

1)ABE, Tetsushi

2)MIKI, Nobuhiko

3)NAGATA, Satoshi

4)JATURONG, Sangiamwong

(57) Abstract :

The disclosed base station device, mobile terminal device and communication control method makes possible the partial suppression of interference from a macro-cell base station device to a picocell control channel and the allocation of user data to different sub-frames using a control channel that suppresses said interference. The disclosed base station device shares at least part of the frequency band with a macro-cell (C2) containing first system, covers a picocell (C1) and is arranged in a second system that has system bandwidth formed from multiple component carriers. A carrier indicator is generated that, apart from indicating other component carriers wherein user data is allocated to different component carriers over a component carrier control channel, indicates other sub-frames wherein user data is allocated to different sub-frames through the downlink control channel.

No. of Pages : 57 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2896/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYNTHESIS SYSTEM, RUBBER CHEMICAL SUBSTANCE FOR TIRES, SYNTHETIC RUBBER FOR TIRES, AND PNEUMATIC TIRE

(51) International classification :C07C1/20,B01J29/18,B01J29/40  
(31) Priority Document No :2011-014494  
(32) Priority Date :26/01/2011  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2012/051503  
Filing Date :25/01/2012  
(87) International Publication No :WO 2012/102290  
(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 RUBBER INDUSTRIES, LTD.

Address of Applicant :6-9, Wakinohama-cho 3-chome,  
Chuo-ku, Kobe-shi, Hyogo 6510072 JAPAN

(72)Name of Inventor :

1)HATTORI Takayuki

2)WADA Takao

3)FUJIKURA Keitaro

4)YOKOYAMA Yuka

5)MATSUO Toshiro

(57) Abstract :

The present invention provides: a synthesis system for synthesizing aniline and/or styrene with high efficiency; a synthesis system for synthesizing butadiene (1,3-butadiene) with high efficiency; a rubber chemical substance for tires, which is synthesized using, as a starting material, aniline produced in the aforementioned synthesis system; a synthetic rubber for tires which is synthesized using, as a starting material, styrene and/or butadiene produced in the aforementioned synthesis system; and a pneumatic tire produced using the rubber chemical substance for tires and/or the synthetic rubber for tires. The present invention relates to a synthesis system for synthesizing aniline and/or styrene through an aromatic compound using an alcohol having 2 or more carbon atoms as a starting material.

No. of Pages : 74 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2897/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR GAS TIGHT SECONDARY STAVE SUPPORT

(51) International classification :F27B7/14,F27D1/12,C21B7/10  
(31) Priority Document No :61/318,977  
(32) Priority Date :30/03/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2011/030591  
Filing Date :30/03/2011  
(87) International Publication No :WO 2011/123568  
(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)BERRY METAL COMPANY

Address of Applicant :2408 Evans City Road, Harmony, PA 16037 U.S.A.

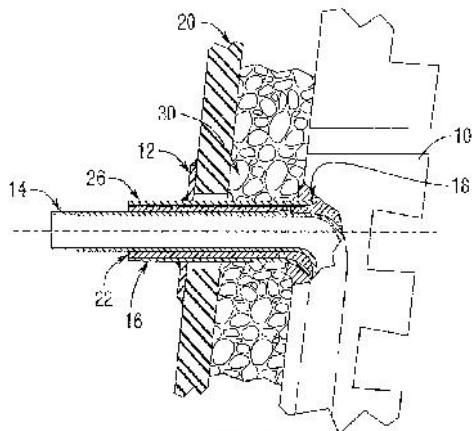
(72)Name of Inventor :

1)SMITH, Todd, G.

2)MACRAE, Allan

(57) Abstract :

A secondary stave support for a furnace stave with a water pipe having a first portion of the water pipe external to the furnace stave and a second portion of the water pipe also external to a furnace shell wall comprising: a protection pipe having first and second ends, wherein the protection pipe is coaxially disposed about the water pipe with the first end nearest the stave; and a first gas-tight seal, disposed between the first end of the protection pipe and a third portion of the water pipe, prevents gas flow from within the furnace shell wall into an annular space between the protection pipe and the water pipe.



No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2898/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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

(51) International classification :H04W72/12,H04W28/06,H04W72/04  
(31) Priority Document No :2010-087381  
(32) Priority Date :05/04/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/057952  
Filing Date :30/03/2011  
(87) International Publication No :WO 2011/125700  
(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)YASUKAWA, Shimpei

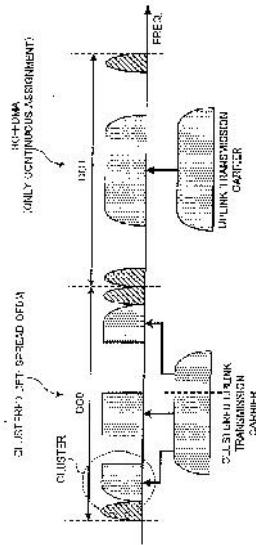
2)KAWAMURA, Teruo

3)TAKEDA, Kazuaki

4)MIKI, Nobuhiko

(57) Abstract :

In order to realize an uplink allocation information configuration that is optimal for the signaling of uplink allocation information in cases in which a plurality of frequency bands are allocated on an uplink data channel, in a wireless communication system in which a plurality of frequency bands are allocated on an uplink to a single user, uplink allocation information that comprises uplink resource allocation information having the resources allocated in a bitmap format is defined, said uplink allocation information is configured with the same bit size as downlink allocation information (for example, DCI Format 1) that comprises downlink resource allocation, information having bitmap based resource allocation and the interpretation of a portion of the bits of the downlink allocation information (DCI Format 1) is altered, whereby uplink allocation information with the same bit size can be identified.



No. of Pages : 85 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2900/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : RUDDER FOR MARINE VESSELS

(51) International classification	:B63H25/38,B63H25/52,B63B3/40
(31) Priority Document No	:20 2010 004 191.0
(32) Priority Date	:23/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/054452
Filing Date	:23/03/2011
(87) International Publication No	:WO 2011/117301
(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)VAN DER VELDEN BARKEMEYER GMBH

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(72)Name of Inventor :

1)SCHINDLER Henry

2)MEYER Thomas

3)MÜLLER Karsten

4)BEHRENDT Christoph

5)DZEWAS Johannes

6)OTTO Brigitte

7)XU Nan

8)HERBST Frank

(57) Abstract :

The invention relates to a rudder for marine vessels having a rudder shaft which is arranged on a marine vessel hull such that it can pivot about a rotation axis, having a rudder blade which is connected to the rudder shaft and can pivot about the rotation axis with respect to the marine vessel hull, and having at least one bearing for bearing the rudder blade or rudder shaft on the marine vessel hull, wherein the bearing has an inner bearing section and an outer bearing section, which rests such that it can slide on the inner bearing section. The invention provides for a closure pin (4,4), which is arranged on one of the outer bearing section (210) or inner bearing section (220) to rest such that it can slide on the other of the inner bearing section (220) and outer bearing section (210).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2901/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : ULTRASOUND SIMULATION TRAINING SYSTEM

(51) International classification	:G09B23/28
(31) Priority Document No	:1005928.5
(32) Priority Date	:09/04/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/050696
Filing Date	:08/04/2011
(87) International Publication No	:WO 2011/124922
(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)MEDAPHOR LIMITED**

Address of Applicant :Suite 16, Cardiff CF14 4UJ, U.K.

(72)Name of Inventor :

**1)AMSO, Nazar**

**2)AVIS, Nicholas**

**3)SLEEP, Nicholas**

(57) Abstract :

The invention relates to a simulator training system for simulation training in ultrasound examination or ultrasound guided procedures. The training system comprises a moveable simulator input device to be operated by the user, and means for displaying an ultrasound scan view image which is an image or facsimile image of an ultrasound scan. The scan view image is variable and related to the position and/or orientation of the simulator input device. The system further includes means for displaying a second image, the second image being an anatomical graphical representation of a slice through the body structure associated with the ultrasound scan view, the slice through displaying the scan beam plane of the simulator input device. The ultrasound scan view image and the second image are linked to vary in a coordinated manner as the position and/or orientation of the simulator input device changes.

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2902/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : AUTOMATIC FACILITY AND AUTOMATIC METHOD FOR DECORATING ITEMS MADE OF ROUGH OR REFINED GLASS OR OF PLASTIC WITH RAISED PATTERNS

(51) International classification :B41F15/08,B41F15/12,B41F15/16  
(31) Priority Document No :1052395  
(32) Priority Date :31/03/2010  
(33) Name of priority country :France  
(86) International Application No :PCT/FR2011/050681  
Filing Date :29/03/2011  
(87) International Publication No :WO 2011/121222  
(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)POCHET DU COURVAL

Address of Applicant :121 QUAI DE VALMY 75010 PARIS FRANCE

(72)Name of Inventor :

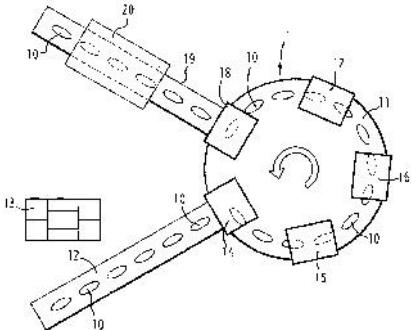
1)AUGER, Marcel

2)BINET, Regis

3)BENOIT, Johan

(57) Abstract :

The invention relates to an automatic facility for decorating items (10) made of rough or refined glass or of plastic with raised patterns, said facility including a carrier (11) for continuously moving the items (10) between: a station (14) for loading the items (10) onto said carrier (11); a station (15) for screen-printing a decoration onto each item (10) by means of a UV ink; a station (16) for the ultraviolet pre-polymerization of the ink of the decoration, said ink remaining slightly adhesive on the surface; a station (17) for applying a paper film using heat by adhering same onto the ink of said decoration; and a station (18) for unloading the items (10) toward a tunnel for the final ultraviolet polymerization of said decoration.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2904/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

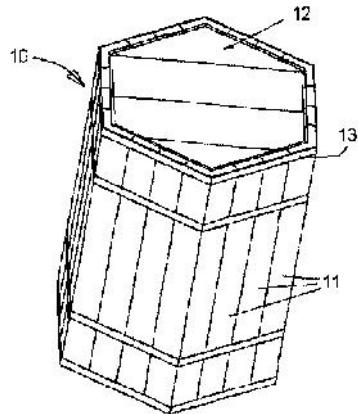
(43) Publication Date : 14/06/2013

(54) Title of the invention : A CASK

(51) International classification	:B65D6/28	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:1006278.4	<b>1)DIAGEO GREAT BRITAIN LIMITED</b>
(32) Priority Date	:15/04/2010	Address of Applicant :Lakeside Drive, Park Royal, Park
(33) Name of priority country	:U.K.	Royal, London Greater London NW10 7HQ, U.K.
(86) International Application No	:PCT/GB2011/050707	(72) <b>Name of Inventor :</b>
Filing Date	:11/04/2011	<b>1)SAVAGE, Nick</b>
(87) International Publication No	:WO 2011/128670	<b>2)KERMANI, Abdy</b>
(61) Patent of Addition to Application Number	:NA	<b>3)BEVERIDGE, Jim</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cask for whisky (10), e.g. in a hexagonal or triangular prism shape for ease of stackability. The cask is comprised of a number of staves (11), bound together to form the prism shape. Accordingly, stacking multiple casks naturally compresses the staves together and reduces spirit loss through the side wall of a cask. A method for stacking casks is also described, wherein the cask may be hexagonal, triangular or square ended.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2905/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : WIRELESS RELAY STATION DEVICE, WIRELESS BASE STATION DEVICE, AND RELAY FREQUENCY ALLOCATION METHOD

(51) International classification :H04W16/26,H04B7/208,H04W72/04  
(31) Priority Document No :2010-087265  
(32) Priority Date :05/04/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/057960  
Filing Date :30/03/2011  
(87) International Publication No :WO 2011/125706  
(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)NAGATA, Satoshi  
2)ABE, Tetsushi  
3)MIKI, Nobuhiko  
4)TAKAHASHI, Hideaki  
5)IWAMURA, Mikio

(57) Abstract :

In order to increase throughput in an access link and to optimally control wireless link capacity in a backhaul link in a wireless communication system using relay transmission technology, the disclosed relay frequency allocation method has: a step for determining whether or not to apply carrier aggregation in a backhaul link from a wireless base station device to a mobile terminal device under the aforementioned wireless base station device, and/or an access link from a wireless relay station device to a mobile terminal device under the aforementioned wireless relay station device; a step for allocating a frequency band that transmits a downlink signal in the aforementioned backhaul link and/or the aforementioned access link when applying carrier aggregation; and a step for transmitting the downlink signal in the aforementioned backhaul link and/or the aforementioned access link using the allocated frequency band.

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2906/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : SWITCHING DEVICE HAVING A JFET SERIES CIRCUIT

(51) International classification :H03K17/10,H03K17/567  
(31) Priority Document No :500/10  
(32) Priority Date :07/04/2010  
(33) Name of priority country :Switzerland  
(86) International Application No :PCT/CH2011/000072  
    Filing Date :06/04/2011  
(87) International Publication No :WO 2011/123962  
(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)ETH ZÜRICH

Address of Applicant :ETH Transfer, HG E 47-49,  
Rmistrasse 101, CH-8092, Zürich ETH-Zentrum  
SWITZERLAND

(72)Name of Inventor :

1)AGGELER, Daniel

2)BIELA, Jürgen

3)KOLAR, Johann, Walter

(57) Abstract :

The invention relates to a switching device for switching a current between a first connection (1) and a second connection (2) comprising a series circuit of at least two JFETs (J1-Jn) with further JFETs (J2-Jn), which are connected in series to a lowest JFET (J1), and wherein a wiring network for stabilizing the gate voltages of the JFETs (J1-Jn) is connected between the second connection (2) and the first termination (1). One additional circuit (5) is connected between each gate connection (GJ2,GJ3... GjN) of the further JFETs (J2-Jn) and associated cathode connections of diodes (DAV) of the wiring network. During switch on and in the switched-on state, said additional circuit keeps the potential of the respective gate connection higher than the potential of the associated source connection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2907/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : HIGH STRENGTH DISSOLVABLE STRUCTURES FOR USE IN A SUBTERRANEAN WELL

(51) International classification	:E21B33/13,C09K8/42	(71) <b>Name of Applicant :</b> <b>1)HALLIBURTON ENERGY SERVICES, INC.</b> Address of Applicant :10200 Bellaire Boulevard, Houston, TX 77072 U.S.A.
(31) Priority Document No	:12/758,781	
(32) Priority Date	:12/04/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/031242	(72) <b>Name of Inventor :</b>
Filing Date	:05/04/2011	<b>1)TODD, Bradley, L.</b>
(87) International Publication No	:WO 2011/130063	<b>2)WELTON, Thomas, D.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)HOLDERMAN, Luke, W.</b>
Filing Date	:NA	<b>4)SULEIMAN, Ivan</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A well tool can include a flow path, and a flow blocking device which selectively prevents flow through the flow path. The device can include an anhydrous boron compound. A method of constructing a downhole well tool can include forming a structure of a solid mass comprising an anhydrous boron compound, and incorporating the structure into the well tool.

No. of Pages : 38 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2908/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

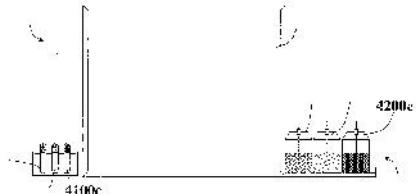
(43) Publication Date : 14/06/2013

(54) Title of the invention : REFILL SYSTEM AND METHOD

(51) International classification	:B43K29/16	(71) <b>Name of Applicant :</b> <b>1)BEAUTY UNION GLOBAL LTD.</b> Address of Applicant :Unit B, 19/F Federal Center, 77 Sheung On St. Chai Wan Hong Kong 0000 CHINA
(31) Priority Document No	:61/319,270	
(32) Priority Date	:31/03/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IL2011/000285	(72) <b>Name of Inventor :</b> <b>1)TURGEMAN, Carmit</b> <b>2)HUI, Yi Ming</b>
Filing Date	:31/03/2011	
(87) International Publication No	:WO 2011/121589	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable refillable marker-fluid cartridge comprising a marker-chamber; a marker-fluid applicator extending from out of the cartridge wherein the marker fluid applicator is in fluid communication with the marker-chamber; a filling mechanism configured to open from a delivery tube being pushed theretowards, thereby allowing the marker fluid to pass into the marker chamber and at least one seal-ring configured to minimize leak of the marker fluid out of the marker-chamber.



No. of Pages : 34 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2909/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD FOR CHECKING WHETHER PROGRAM INSTRUCTIONS HAVE BEEN EXECUTED BY A PORTABLE TERMINAL

(51) International classification	:G06F21/00
(31) Priority Document No	:10 2010 019 995.8
(32) Priority Date	:10/05/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/002269
Filing Date	:06/05/2011
(87) International Publication No	:WO 2011/141143
(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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**1)BAUER, Sven**

(57) Abstract :

The invention relates to a method and system for checking whether program instructions (13) have been executed by a terminal (1). For this purpose, the terminal requests program instructions (13), wherein the program instructions (13) have been stored in executable form in a trustworthy entity (3), in particular a chip card. Subsequently, the program instructions (13) in the trustworthy entity (3) are variably modified in such a way that the modified program instructions vary with each execution of the method. By executing the instructions in the terminal (1), a test value (9a) is obtained which in turn is transmitted to the trustworthy entity (3) and is verified in the trustworthy entity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2914/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : WIRELESS BASE STATION DEVICE, MOBILE TERMINAL DEVICE, AND CELL SELECTION METHOD

(51) International classification :H04W48/16,H04W16/26,H04W24/10  
(31) Priority Document No :2010-087277  
(32) Priority Date :05/04/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/057962  
Filing Date :30/03/2011  
(87) International Publication No :WO 2011/125708  
(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, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 JAPAN

(72)Name of Inventor :

1)NAGATA, Satoshi

2)JATURONG, Sangiamwong

3)ABE, Tetsushi

4)MIKI, Nobuhiko

5)MORIOKA, Yasufumi

(57) Abstract :

Disclosed is a wireless base station device that can perform optimal cell selection during relay transmission. Further disclosed are a mobile terminal device and a cell selection method. The disclosed cell selection method is characterized by: in the wireless base station device, determining a particular subframe that contains data and measures reception quality using the mobile terminal device; in the mobile terminal device, measuring a first reception quality using a reference signal that is of the aforementioned particular subframe and that is transmitted from the aforementioned wireless base station device; measuring a second reception quality using a reference signal that is of the aforementioned particular subframe and that is transmitted via a wireless relay station device from the aforementioned wireless base station device; transmitting the measured value of the aforementioned first reception quality and the measured value of the aforementioned second reception quality to the aforementioned wireless base station device; in the aforementioned wireless base station device, selecting a cell to which to connect the aforementioned mobile terminal device using the measured value of the aforementioned first reception quality and the measured value of the aforementioned second reception quality; and transmitting the information of the determined cell to the aforementioned mobile terminal device.

No. of Pages : 62 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2916/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : ENCODER, DRIVE DEVICE, ABSOLUTE POSITION CALCULATION METHOD, AND ENCODER MANUFACTURING METHOD

(51) International classification	:G01D5/244
(31) Priority Document No	:2010-085800
(32) Priority Date	:02/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/051108
Filing Date	:21/01/2011
(87) International Publication No	:WO 2011/125357
(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 YASKAWA DENKI

Address of Applicant :2-1, Kurosaki-Shiroishi Yahatanishi-ku Kitakyushu-shi Fukuoka 8060004 JAPAN

(72)Name of Inventor :

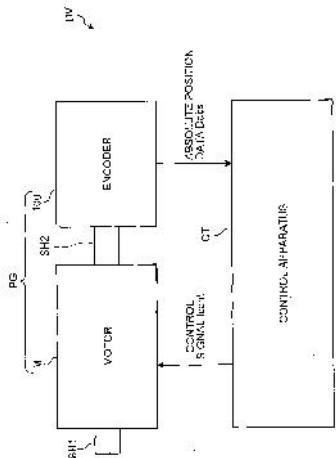
1)MURAKITA, Ikuma

2)YOSHIDA, Yasushi

3)MURAOKA, Jiro

(57) Abstract :

Provided are an encoder, a drive device, an absolute position calculation method, and an encoder manufacturing method, wherein when a relatively large error occurs, the error can be corrected. The encoder comprises: a positional data acquisition unit (120) which acquires upper data representing the position of a mobile object in an upper section in which the mobile object is movable, and lower data representing a position in a lower section repeated multiple times within the upper section by higher resolution than the upper data; a storage unit (130) in which a correction value by which the amount of displacement caused by the upper data with respect to the lower data can be corrected is associated with an absolute position with the same level of resolution as the upper data and stored; a correction unit (140) which acquires the correction value from the storage unit (130) and corrects the upper data; and a section specification unit (150) which on the basis of the upper data corrected by the correction unit (140) and the lower data when the upper data is acquired, specifies, with respect to the upper section, the lower section in which the lower data is acquired.



No. of Pages : 83 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2917/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD OF MAKING ELECTROCHEMICAL DEVICE WITH POROUS METAL LAYER

(51) International classification	:B05D5/12	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/322,361	<b>1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA</b>
(32) Priority Date	:09/04/2010	Address of Applicant :1111 Franklin Street 12th Floor, Oakland CA 94607-5200 U.S.A.
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US2011/031578	<b>1)TUCKER, Michael, C.</b>
Filing Date	:07/04/2011	<b>2)JACOBSON, Craig, P.</b>
(87) International Publication No	:WO 2011/127283	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is described for producing layered structures comprising a porous metal layer and a ceramic containing layer comprising wherein a porous green ceramic layer is provided, and thereafter loose metal particles are applied to the green ceramic layer before sintering. In one embodiment, the green ceramic layer, after application of the loose metal particles, is dried to drive off the solvent and cause interpenetration of the metal particles. In another embodiment loose particles can be removed from the composite such as by shaking, and the green ceramic/loose metal particles composite compressed to cause further interpenetration of the metal particles prior to sintering.

No. of Pages : 35 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2918/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : PLATE COOLER STAVE APPARATUS AND METHODS FOR FERROUS OR NON-FERROUS METAL MAKING FURNACE

(51) International classification	:F27B3/24,F27D9/00,F27D1/12
(31) Priority Document No	:61/319,089
(32) Priority Date	:30/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/030611
Filing Date	:30/03/2011
(87) International Publication No	:WO 2011/123579
(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)BERRY METAL COMPANY**

Address of Applicant :2408 Evans City Road, Harmony, PA 16037 U.S.A.

(72)Name of Inventor :

**1)SMITH, Todd, G.**

**2)MACRAE, Allan**

(57) Abstract :

A plate cooler stave for use in a furnace having a shell wall, comprising: a top portion housing at least one cooling fluid inlet and at least one cooling fluid outlet for the flow of cooling fluid to and from the plate cooler stave from outside the furnace; and a main body disposed at an angle relative to the top portion so that the main body may be inserted into the furnace through an opening defined by the shell wall, wherein upon installation, at least a part of the top portion is disposed in the opening.

No. of Pages : 31 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2919/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :01/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROTECTION AGAINST ACCESS VIOLATION DURING THE EXECUTION OF AN OPERATING SEQUENCE IN A PORTABLE DATA CARRIER

(51) International classification	:G06F21/00	(71) <b>Name of Applicant :</b> <b>1)GIESECKE &amp; DEVRIENT GMBH</b> Address of Applicant :Prinzregentenstrae 159, 81677 MÜNchen Germany
(31) Priority Document No	:10 2010 010 851.0	
(32) Priority Date	:10/03/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/001054	(72) <b>Name of Inventor :</b>
Filing Date	:03/03/2011	<b>1)REMPPEL, Christof</b>
(87) International Publication No	:WO 2011/110307	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a method for protecting an operating sequence executed by a portable data carrier (10) against access violation, the data carrier (10) comprises at least one processor core (14), a main memory (16) and a cache memory (18) having a plurality of cache lines (28.x). During execution of the operating sequence, the processor core (14) can access at least two data values (vi,vi,...,vn), wherein the data values (vi,vi,...,vn), occupy at least one cache line (28.x) in the cache memory (18) and are each divided into several parts (vij), so that the occurrence of a cache miss or a cache hit is independent of which data value (vi,vi,...,vn), is accessed. A computer program product and a device have corresponding features. The invention is used to fend off attacks that are based on an evaluation of the cache accesses during the execution of the operating sequence.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/10/2012

(21) Application No.2920/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROPYLENE/1-HEXENE COPOLYMER COMPOSITION WITH LOW SEALING TEMPERATURE

(51) International classification	:C08L23/14,C08J5/18	(71) <b>Name of Applicant :</b> <b>1)BOREALIS AG</b> Address of Applicant :IZD Tower, Wagramerstrasse 17-19, A-1220 Vienna, AUSTRIA
(31) Priority Document No	:10160631.7	
(32) Priority Date	:21/04/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/056181	(72) <b>Name of Inventor :</b>
Filing Date	:18/04/2011	<b>1)PAAVILAINEN, Juha</b>
(87) International Publication No	:WO 2011/131639	<b>2)DOSHEV, Petar</b>
(61) Patent of Addition to Application Number	:NA	<b>3)REICHELT, Kristin</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Propylene copolymer composition (P) comprising (a) a propylene copolymer (A) having a comonomer content of at least 1.0 wt. %, the comomers are C5 to C12a-olefins, and(b) a propylene copolymer (B) having a comonomer content of 4.0 to 20.0 wt. % the comomers are C5 to C12a olefins, wherein further (i) the comonomer content in the propylene copolymer (A) is lower compared to the comonomer content in the propylene copolymer (B), (ii) the propylene copolymer composition (P) has a comonomer content of 2.0 to 10.0 wt. % the comomers are C5 to C12 a-olefins, (iii) the weight ratio of the propylene copolymer (A) to the propylene copolymer (B) is the range of 30/70 to 80/20.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2921/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : ENERGY CONSERVATION UNIT AND SYSTEM OF A BUILDING BY WAY OF INTERACTIVE LEARNING

(51) International classification	:G06Q50/00,G06F19/00
(31) Priority Document No	:2010-092475
(32) Priority Date	:13/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/066486
Filing Date	:24/09/2010
(87) International Publication No	:WO 2011/129025
(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)MAGORI Bumpei

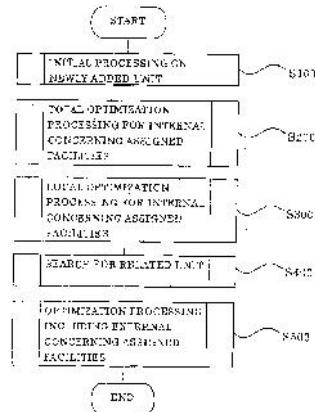
Address of Applicant :6-31-3, Shimoda-cho, Kohoku-ku,  
Yokohama-shi, Kanagawa 2230064 JAPAN

(72)Name of Inventor :

1)MAGORI Bumpei

(57) Abstract :

Proposed is a unit for which energy conservation in a building does not depend on knowledge or technology of a person-in-charge who performs operation of the building, and wherein energy conservation equivalent to other buildings which have achieved optimum energy conservation can be performed. The energy conservation unit is provided with receiving means of sensor information of the unit; communication means with other units; means in which information of the building for which energy conservation is to be performed and information of a sensor and a facility is stored so as to be capable of information exchange; means for identifying an internal unit, and an external unit of another building, by way of unique information; means for reading an energy calculation formula of the internal unit, selecting prepared operating conditions, and performing a simulation of the building for which energy conservation is to be performed overall to optimize thereof; means for searching a related unit from among other internal units and external units; means for reading operating conditions from the related unit, performing a simulation, and optimizing thereof; and means for operating a facility by way of the operating conditions and the sensor information.



No. of Pages : 104 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2012

(21) Application No.2922/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : NON-PVC FILM AND NON-PVC FILM LAMINATE

(51) International classification	:B32B27/00
(31) Priority Document No	:61/310,378
(32) Priority Date	:04/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/027154
Filing Date	:04/03/2011
(87) International Publication No	:WO 2011/109692
(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)AVERY DENNISON CORPORATION

Address of Applicant :150 N. Orange Grove Blvd. Pasadena, CA 91103 U.S.A.

(72)Name of Inventor :

1)CHACKO, Sujith

2)SHIH, Frank, Y.

3)CUMMING, Chad

(57) Abstract :

The present invention relates to a non-PVC film and film laminate for use in marketing, advertising campaigns, particularly outdoor or other environment impacted promotions and safety applications. The film is in one exemplary embodiment includes two layers, a top layer and a bottom layer. The top layer is a urethane- acrylic hybrid polymer and the bottom layer is a non-PVC based polymer. The film may be transparent, translucent, clear or have other desirable optical properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2923/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : 5-POSITION MODIFIED PYRIMIDINES AND THEIR USE

(51) International classification	:C07H19/06,C07H19/00	(71)Name of Applicant :
(31) Priority Document No	:61/323,145	<b>1)SOMALOGIC, INC.</b>
(32) Priority Date	:12/04/2010	Address of Applicant :2945 Wilderness Place, Boulder, Colorado 80301 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2011/032143	<b>1)ROHLOFF, John</b>
Filing Date	:12/04/2011	<b>2)JANJIC, Nebojsa</b>
(87) International Publication No	:WO 2011/130289	<b>3)CARTER, Jeffrey D.</b>
(61) Patent of Addition to Application Number	:NA	<b>4)FOWLER, Catherine</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to the field of nucleic acid chemistry, specifically to 5- position modified uridines as well as phosphoramidite and triphosphate derivatives thereof. The present disclosure also relates to methods of making and using the same.

No. of Pages : 63 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2924/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : ANALOGUES FOR THE TREATMENT OR PREVENTION OF FLAVIVIRUS INFECTIONS

		<p>(71)<b>Name of Applicant :</b> <b>1)VERTEX PHARMACEUTICALS INCORPORATED</b> Address of Applicant :130 Waverly Street, Cambridge, Massachusetts 02139 U.S.A.</p> <p>(72)<b>Name of Inventor :</b></p> <p><b>1)KONG, Laval Chan Chun</b> <b>2)GIROUX, Simon</b> <b>3)REDDY, T. Jagadeeswar</b> <b>4)BENNANI, Youssef L.</b> <b>5)DAS, Sanjoy Kumar</b> <b>6)MAXWELL, John</b> <b>7)YANNOPOULOS, Constantin</b> <b>8)LIU, Bingcan</b> <b>9)XU, Jingwang</b> <b>10)COTTRELL, Kevin M.</b> <b>11)MORRIS, Mark A.</b></p>
(51) International classification	:C07D495/04	
(31) Priority Document No	:61/316,997	
(32) Priority Date	:24/03/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/029848	
Filing Date	:24/03/2011	
(87) International Publication No	:WO 2011/119870	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds represented by formula (I) : or pharmaceutically acceptable salts thereof, wherein A, B, B, X, Y, R1, R2, R2, R3, R3, R4, R4, R5, R5m, n, or p are as defined herein, are useful for treating flaviviridae viral infections.

No. of Pages : 134 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2925/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : MILL DRIVE SYSTEM

(51) International classification	:B02C15/00	(71) <b>Name of Applicant :</b> <b>1)SIEMENS AKTIENGESELLSCHAFT</b> Address of Applicant :Wittelsbacherplatz 2, 80333 MÜNchen Germany
(31) Priority Document No	:10004127.6	
(32) Priority Date	:19/04/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/054055	(72) <b>Name of Inventor :</b> <b>1)KÜCKYAVUZ Ali Kemal</b> <b>2)PÖTTER Friedhelm</b> <b>3)SCHMEINK Franz</b>
Filing Date	:17/03/2011	
(87) International Publication No	:WO 2011/131430	
(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 mill drive system comprising a gear unit (1) which can be disposed below a grinding plate and has at least one planetary and/or spur gear stage (11, 12), which has a vertical shaft position. Furthermore an electric motor (2), the rotor (21) and the stator (22) of which have vertically extending axes, is also integrated into a housing (3) of the gear unit. Moreover an upper bearing cover (23) and a lower bearing cover (24) comprising bearing seats for rotor shaft bearings (26, 27) are mounted on opposite end faces on the rotor and stator. The upper bearing cover and the lower bearing cover are connected via a stator carrier (25), which has cooling fins on the outer periphery. A collecting tray for coolant is formed between the lower bearing cover and a base part of the housing. The motor is supported via a flange (34) which is formed on an inner face of the housing and extends radially inward and to which the lower and/or upper bearing covers are connected.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2926/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

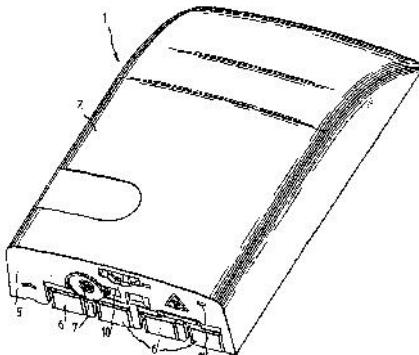
(43) Publication Date : 14/06/2013

(54) Title of the invention : CONNECTING BOX FOR GLASS FIBER CABLES

(51) International classification	:G02B6/44	(71)Name of Applicant :
(31) Priority Document No	:10 2010 010 428.0	1)TYCO ELECTRONICS SERVICES GMBH
(32) Priority Date	:05/03/2010	Address of Applicant :Rheinstra e 20, 8200 Schaffhausen
(33) Name of priority country	:Germany	SWITZERLAND
(86) International Application No	:PCT/EP2011/000059	(72)Name of Inventor :
Filing Date	:10/01/2011	1)DIPLO.-ING. Pia KOPF
(87) International Publication No	:WO 2011/107181	2)DIPLO.-ING. Ulrich HETZER
(61) Patent of Addition to Application Number	:NA	3)Thomas FISCHER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a connection box (1) for glass fiber cables, comprising an at least two-part housing having a lower part (3) and a cover (2), wherein at least one receptacle (20) for a coupling (30) for accommodating glass fiber connectors is arranged inside the housing, wherein the receptacle (20) is designed as a double frame, which comprises two first vertical bars (21) and two second vertical bars (22), wherein the second bars (22) are arranged closer to a front side (5, 40) of the cover (2) and of the lower part (3), wherein the coupling (30) can be locked either on the first or the second bars (21, 22).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2012

(21) Application No.2927/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : APPARATUS AND METHOD FOR X2 INTERFACE SETUP AND CELL SWITCHING IN MOBILE COMMUNICATION SYSTEM

(51) International classification :H04W92/20,H04W36/08,H04W36/30  
(31) Priority Document No :201010159944.5  
(32) Priority Date :28/04/2010  
(33) Name of priority country :China  
(86) International Application No :PCT/KR2011/003011  
Filing Date :26/04/2011  
(87) International Publication No :WO 2011/136530  
(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 ELECTRONICS CO., LTD.

Address of Applicant :129, Samsung-ro, Yeongtong-gu,  
Suwon-si, Gyeonggi-do, 443-742, REPUBLIC OF KOREA

(72)Name of Inventor :

1)Hong WANG

2)Lixiang XU

(57) Abstract :

A method and an apparatus for setting up an X2 interface setup are provided. The method includes transmitting, by a first Base Station (BS), an X2 interface setup request to a second BS, wherein the X2 interface setup request comprises an access mode of a Closed Subscriber Group (CSG) supported by a cell in the first BS, and transmitting, by the second BS, an X2 interface response message to the first BS, wherein the X2 interface response message comprises the access mode of the CSG supported by the cell in the second BS.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : VACUUM ANCHOR SYSTEM

(51) International classification :A62B35/00,E04G21/32,B64F5/00  
(31) Priority Document No :1007078.7  
(32) Priority Date :28/04/2010  
(33) Name of priority country :U.K.  
(86) International Application No :PCT/GB2011/050837  
Filing Date :27/04/2011  
(87) International Publication No :WO 2011/135363  
(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)LATCHWAYS PLC

Address of Applicant :Hopton Park, Devizes Wiltshire SN10 2JP, U.K.

(72)Name of Inventor :

1)JONES, Owain

2)JONES, Karl

(57) Abstract :

A vacuum anchor for securing a fall protection system to a surface has a gas inlet to receive pressurised gas from a gas container and generates a vacuum to secure the anchor to a surface. An attachment enables a fall protection system to be connected to the anchor, the attachment being rotatably mounted to the anchor. A container mounting device is provided for mounting the gas container to the anchor in connection with the gas inlet, the container mounting means being rotatable with the rotatable attachment means. Alternatively or additionally, the gas inlet is coaxial with the axis of rotation of the attachment means.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2012

(21) Application No.2929/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : DEPLOYABLE SHELTER STRUCTURE

(51) International classification :B60P3/34,E04F10/04,E04H15/06  
(31) Priority Document No :1008429.1  
(32) Priority Date :20/05/2010  
(33) Name of priority country :U.K.  
(86) International Application No :PCT/GB2011/050945  
Filing Date :18/05/2011  
(87) International Publication No :WO 2011/144936  
(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)BELRON HUNGARY KFT-ZUG BRANCH

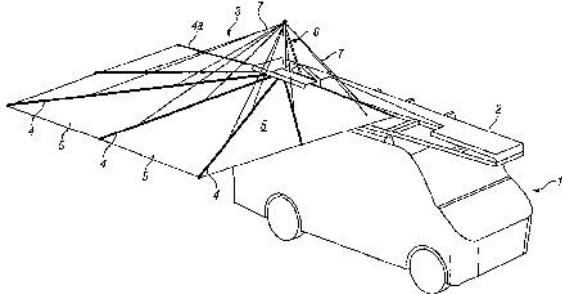
Address of Applicant :Gotthardstrasse 20, CH-6304 Zug,  
SWITZERLAND

(72)Name of Inventor :

1)FINCK, William

(57) Abstract :

A shelter structure arranged to be deployed from a stowed configuration above a vehicle to a deployed configuration, having a number of elongate stays for supporting a flexible awning, the stays being movable to fan out from a stowed configuration to a fanned out configuration when deployed. The structure is provided with a mounting permitting the structure to move with respect to the mounting when deployed to selectively cover alternative sheltered zones in a deployed configuration.



No. of Pages : 22 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2930/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : LAMINATED GLASS PANE WITH ELECTRICAL FUNCTION AND CONNECTION ELEMENT

(51) International classification :B32B17/10,H05B3/84,H01R4/48  
(31) Priority Document No :10401085.5  
(32) Priority Date :22/06/2010  
(33) Name of priority country :EPO  
(86) International Application No :PCT/EP2011/060191  
Filing Date :20/06/2011  
(87) International Publication No :WO 2011/161039  
(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)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :18 avenue d'Alsace, F-92400  
Courbevoie, FRANCE

(72)Name of Inventor :

1)SCHLARB, Andreas

2)SCHREIBER, Walter

3)REUL, Bernhard

(57) Abstract :

The present invention relates to a laminated glass pane with electrical function and connection element, comprising: a. at least two glass panes (1.1) (1.2) which are areally connected to at least one thermoplastic intermediate layer (8), b. at least one electrically functional layer (3) which is situated between the glass panes (1.1) (1.2), c. at least one foil conductor (2) which is electrically conductively connected to the electrically functional layer (3), the foil conductor (2) is led out from the laminated glass pane (1), the foil conductor (2) is fixed on at least one outer side (15) of the laminated glass pane (1) and the foil conductor (2) has a connection location (6) for electrical contact-making on the outer side of the laminated glass pane (1), d. at least one housing (11) with at least one electrical lead (13) and at least one electrical line connection (14), wherein the housing (11) is adhesively bonded or clamped on the outer side of at least one of the glass panes (1.1) (1.2), the electrical line connection (14) of the housing (11) makes electrical contact with the connection location (6) of the foil conductor (2), and e. at least one glass pane (1.1) has an undercut and the foil conductor (2) runs around the lateral edge (16.1) of the undercut glass pane (1.1) without an overhang.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2931/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : INKJET RECORDING INK AND INKJET RECORDING DEVICE USING THE SAME

(51) International classification :C09D11/00,B41J2/01,B41M5/00  
(31) Priority Document No :2010-104730  
(32) Priority Date :30/04/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/059329  
Filing Date :08/04/2011  
(87) International Publication No :WO 2011/136037  
(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)Ricoh Company, Ltd.

Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 Japan

(72)Name of Inventor :

1)HASEGAWA, Shin

2)FUSHIMI, Hiroyuki

(57) Abstract :

An inkjet recording ink, which contains: carbon black; a surfactant; water; a water-soluble organic solvent; and particles formed of an anionic self-emulsifying poly(ether urethane) resin, wherein the carbon black contains first carbon black whose surface has been treated with an anionic surfactant and second carbon black which has been coated with a resinous polymer, where a mass ratio of the first carbon black to the second carbon black is 10/90 to 90/10, and wherein the anionic surfactant is a naphthalenesulfonic acid-formaldehyde condensate.

No. of Pages : 43 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2012

(21) Application No.2932/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : VISTA REGULATORY T CELL MEDIATOR PROTEIN, VISTA BINDING AGENTS AND USE THEREOF

(51) International classification	:C07K14/47,C07K19/00,C07K16/18
(31) Priority Document No	:12/732,371
(32) Priority Date	:26/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/030087
Filing Date	:25/03/2011
(87) International Publication No	:WO 2011/120013
(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)TRUSTEES OF DARTMOUTH COLLEGE

Address of Applicant :11 Rope Ferry Road, #6210, Hanover, New Hampshire 03755-1404 U.S.A.

(72)Name of Inventor :

1)NOELLE, Randolph J.

2)WANG, Lili

(57) Abstract :

The present invention relates to a novel regulatory T cell protein. This protein, designated PD-L3 OR VISTA resembles members of the PD-L1 family, identified a novel and structurally-distinct, Ig-superfamily inhibitory ligand, whose extracellular domain bears homology to the B7 family ligand PD-L1. This molecule is designated as PD-L3 OR VISTA or V- domain Immunoglobulin Suppressor of T cell Activation (VISTA). Expression of VISTA is primarily within the hematopoietic compartment and is highly regulated on myeloid APCs and T cells. Therapeutic intervention of the VISTA inhibitory pathway represents a novel approach to modulate T cell-mediated immunity for the treatment of a wide variety of cancers, e.g., ovarian, bladder cancer and melanomas. Also, VISTA proteins, especially multimeric VISTA proteins and antibodies may be used to suppress T cell immunity in autoimmune disease, allergy, infection and inflammatory conditions, e.g. multiple sclerosis and artritic conditions such as RA.

No. of Pages : 221 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2933/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61M5/32,A61M5/20
(31) Priority Document No	:1050331-6
(32) Priority Date	:07/04/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/050403
Filing Date	:05/04/2011
(87) International Publication No	:WO 2011/126439
(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)**SHL GROUP AB**

Address of Applicant :IP Department, Box 1240,  
Augustendalsvägen 19, S-13128, Nacka Strand Sweden

(72)Name of Inventor :

1)**GIAMBATTISTA, Lucio**

2)**BENDEK, Antonio**

(57) Abstract :

Provided is a medicament delivery device (100) comprising a tubular housing (110), having a proximal end (111) and an opposite distal end (112), an actuator means (119, 120), slidably and coaxially arranged inside the tubular housing (110) wherein is provided an inter-locking mechanism (119, 413) between the a cap (410) and the housing (110), enabling the cap (410) to freely spin, i.e. it is impossible to open the cap (410), until the medicament delivery device (100) has been properly activated by an activator means (160).

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2934/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : CHARGING SYSTEMS WITH DIRECT CHARGING PORT SUPPORT AND EXTENDED CAPABILITIES

(51) International classification	:H02M7/00	(71)Name of Applicant :
(31) Priority Document No	:12/766,840	1)APPLE INC. Address of Applicant :1 Infinite Loop, M/S 36-2PAT, Cupertino, CA 95014 U.S.A.
(32) Priority Date	:23/04/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/031537	(72)Name of Inventor :
Filing Date	:07/04/2011	1)SIMS, Nicholas A. 2)TERLIZZI, Jeffrey, J. 3)KOSUT, Alexei 4)JOHNSON, Timothy 5)CORLETT, Barry
(87) International Publication No	:WO 2011/133335	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An alternating current (AC) to direct current (DC) power converter may have a connector with a pair of power supply contacts and a pair of data contacts. An electronic device may be connected to the connector of the power converter. The power converter may supply DC power to the electronic device using the power supply contacts. The power converter may include control circuitry that has a resistor coupled across the data contacts. When the electronic device and the power converter are connected to each other, each may advertise to the other that capabilities are present that exceed industry standards. At the same time, standard-compliant discovery operations may be performed to probe the value of the resistance of the resistor that is coupled across the data contacts. When extended capabilities are discovered, extended functions may be performed including accelerated charging functions and data communications functions.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2935/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : 5-ALKENYL-2-OXO-TETRAHYDROFURANE DERIVATIVES AS FLAVORING COMPOUNDS

(51) International classification :A23L1/226,C07D307/06  
(31) Priority Document No :10163104.2  
(32) Priority Date :18/05/2010  
(33) Name of priority country :EPO  
(86) International Application No :PCT/IB2011/052153  
    Filing Date :17/05/2011  
(87) International Publication No :WO 2011/145048  
(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)FIRMENICH SA

Address of Applicant :1, route des Jeunes, P. O. Box 239,  
CH-1211 Geneva 8 SWITZERLAND

(72)Name of Inventor :

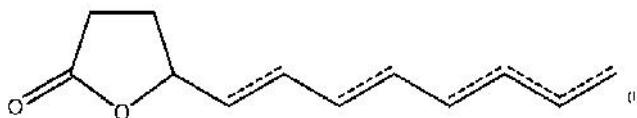
1)AEBERHARDT, Kasia

2)FREROT, Eric

3)SARRAZIN, Elise

(57) Abstract :

The present invention relates to the use of a compound of having the following formula: wherein either 1 or 2 of the dotted lines represent a double bond, in order to provide or enhance buttery, creamy, green, fatty and/or milky note to flavors and foods.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2936/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :03/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : OPTICAL FIBER TAPE CORE WIRE, OPTICAL FIBER CABLE, AND WIRING PATTERN

(51) International classification	:G02B6/44	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-086959	<b>1)FUJIKURA LTD.</b>
(32) Priority Date	:05/04/2010	Address of Applicant :5-1, Kiba 1-chome, Koto-ku, Tokyo
(33) Name of priority country	:Japan	1358512 JAPAN
(86) International Application No	:PCT/JP2011/058618	(72) <b>Name of Inventor :</b>
Filing Date	:05/04/2011	<b>1)MATSUZAWA, Takashi</b>
(87) International Publication No	:WO 2011/126011	<b>2)TAKE, Yukiko</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ISAJI, Mizuki</b>
Filing Date	:NA	<b>4)OSATO, Ken</b>
(62) Divisional to Application Number	:NA	<b>5)OKADA, Naoki</b>
Filing Date	:NA	

(57) Abstract :

Disclosed is an optical fiber tape core wire comprising a plurality of optical fibers (1) arranged in parallel and a taping material (6) that coats the plurality of optical fibers (1) and makes a tape thereof. The plurality of optical fibers (1) are coated with a semi-transparent colored layer (5) of a different color on a per optical fiber (1) basis. The taping material (6) is formed of a colorless transparent material. In at least two or more of the optical fibers, a marking (4) for distinguishing the optical fiber tape core wire is disposed in identical locations in the longitudinal direction of the optical fiber tape core wire.

No. of Pages : 23 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2012

(21) Application No.2937/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : ROBO1-FC FUSION PROTEIN AND USE THEREOF FOR TREATING TUMOURS

(51) International classification	:C07K14/475,A61K38/00
(31) Priority Document No	:1052829
(32) Priority Date	:14/04/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2011/050811
Filing Date	:08/04/2011
(87) International Publication No	:WO 2011/128561
(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)SANOFI

Address of Applicant :54, rue la Boétie F-75008 Paris  
FRANCE

(72)Name of Inventor :

1)BLANCHE, Francis

2)CAMERON, Béatrice

3)DABDOUBI, Tarik

4)DOL-GLEIZES, Frédérique

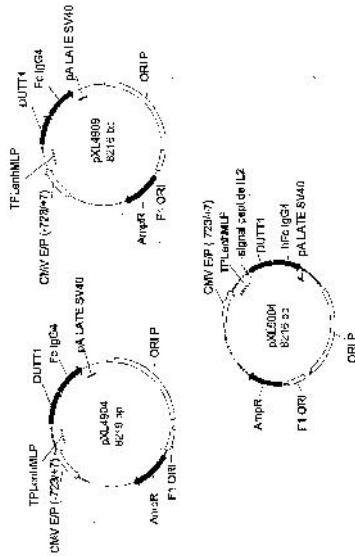
5)FONS, Pierre

6)HERAULT, Jean-Pascal

7)PRADES, Catherine

(57) Abstract :

The present invention relates to a Robo1-Fc recombinant protein and to the use thereof for treating diseases in which a Slit protein is overexpressed, in particular cancer. The invention also relates to a composition including such a recombinant protein. Another aspect of the invention involves using a Robo1-Fc molecule as a diagnostic tool for detecting the overexpression of a molecule belonging to the Slit family in a patient.



No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/10/2012

(21) Application No.2938/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : CONVEYOR DISCHARGE CHUTE FOR MOUNTING BELT SCRAPER

(51) International classification	:B65G45/16	(71) <b>Name of Applicant :</b> <b>1)PRAIRIE MACHINE &amp; PARTS MFG. (1978) LTD.</b> Address of Applicant :3311 Millar Avenue, Saskatoon, Saskatchewan S7K 5Y5 CANADA
(31) Priority Document No	:2,697,778	
(32) Priority Date	:24/03/2010	
(33) Name of priority country	:Canada	
(86) International Application No	:PCT/CA2011/000305	
Filing Date	:24/03/2011	
(87) International Publication No	:WO 2011/116465	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A discharge chute and belt scraper for use at a head pulley end of a conveyor belt includes a chute (72) having a receiving end (74) and an opposite discharge end. The receiving end can be mounted adjacent the head pulley end of the belt. The belt scraper (82) is mounted on this receiving end so that the scraper will extend at least a major part of the width of the belt. Chute supporting members (100, 102) are arranged at opposite sides of the chute member. Link members (104, 106) pivotally connect each of the opposite sides of the chute to a respective one of the supporting members so that the receiving end of the chute is movable towards or away from the head pulley end. Coil springs (132, 134) bias the receiving end of the chute and the belt scraper towards the head pulley end.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2012

(21) Application No.2939/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE REMOVAL OF BIOFILMS

(51) International classification :C07K14/195,C07K14/21,C07K14/245  
(31) Priority Document No :61/318,743  
(32) Priority Date :29/03/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2011/030212  
Filing Date :28/03/2011  
(87) International Publication No :WO 2011/123396  
(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)UNIVERSITY OF SOUTHERN CALIFORNIA  
Address of Applicant :1150 South Olive Street, Suite 2300  
Los Angeles, CA 90015 U.S.A.

2)NATIONWIDE CHILDRENS HOSPITAL, INC.

(72)Name of Inventor :

1)GOODMAN, Steven D.  
2)BAKALETZ, Lauren O.

(57) Abstract :

This invention provides isolated or recombinant polypeptides that are useful to vaccinate individuals suffering from chronic/recurrent biofilm disease or as a therapeutic for those with an existing infection. The individuals immune system will then naturally generate antibodies which prevent or clear these bacteria from the host by interfering with the construction and or maintenance of a functional protective biofilm. Alternatively, antibodies to the polypeptides can be administered to treat or prevent infection. Bacteria that cannot form functional biofilms are more readily cleared by the remainder of the hosts immune system.

No. of Pages : 182 No. of Claims : 146

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2012

(21) Application No.2940/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PORTABLE COMMUNICATION EQUIPMENT, SYSTEM AND METHOD FOR  
COMMUNICATING BETWEEN A LOCAL TERMINAL AND A PLURALITY OF PORTABLE EQUIPMENT

(51) International classification	:G06F21/20	(71) <b>Name of Applicant :</b> <b>1)NATURAL SECURITY</b> Address of Applicant :Euratechnologies Lille, 165 Avenue de Bretagne, F-59000 Lille FRANCE
(31) Priority Document No	:1053937	
(32) Priority Date	:20/05/2010	
(33) Name of priority country	:France	
(86) International Application No	:PCT/FR2011/051142	(72) <b>Name of Inventor :</b> <b>1)HOZANNE, Cdric</b> <b>2)COURROUBLE, Beno®t</b>
Filing Date	:19/05/2011	
(87) International Publication No	:WO 2011/144875	
(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 portable equipment, a system and a method of communication between a local terminal (1) and a plurality of portable equipment (2, 31) via contactless communication means (12, 23), each item of equipment comprising a first storage medium (21) for storing a plurality of applications, first processing means (22) for carrying out an application transaction with the local terminal second processing means (24) distinct from the first processing means for carrying out at least one application function with the terminal and a second storage medium (25), said second processing means being suitable for writing to the second storage medium data representative of the result of at least one application function and the first processing means being suitable for reading these data from the second storage medium so as to carry out at least one application transaction with the local terminal.

No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2012

(21) Application No.2941/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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

(51) International classification	:H04W8/24,H04W28/02,H04W28/04	(71) <b>Name of Applicant :</b> <b>1)NTT DOCOMO, INC.</b> Address of Applicant :11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 JAPAN
(31) Priority Document No	:2010094304	(72) <b>Name of Inventor :</b>
(32) Priority Date	:15/04/2010	<b>1)AOYAGI, Kenichiro</b>
(33) Name of priority country	:Japan	<b>2)KAWABE, Yasuhiro</b>
(86) International Application No	:PCT/JP2011/059108	<b>3)NAKAMURA, Yuichiro</b>
Filing Date	:12/04/2011	<b>4)MATSUTANI, Hideyuki</b>
(87) International Publication No	:WO 2011/129343	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A control device for a mobile communication system comprises: a management unit (151) which manages the state of resource usage in the mobile communication system; and a determination unit (152) which determines whether or not a user device which has finished the transmission of a data signal should be transitioned to an idle state or a non-idle energy saving state, according to the state of resource usage. The state determined by the determination unit (152) is notified to a user device (10).

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2942/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHODS AND COMPOSITIONS FOR MODULATING HAIR GROWTH

(51) International classification	:A61K8/73	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/355,610	<b>1)MOMENTA PHARMACEUTICALS, INC.</b>
(32) Priority Date	:17/06/2010	Address of Applicant :675 West Kendall Street, Cambridge, MA 02142 U.S.A.
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US2011/040470	<b>1)ZHOU, He</b>
Filing Date	:15/06/2011	<b>2)COCHRAN, Edward</b>
(87) International Publication No	:WO 2011/159770	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and compositions related to promoting hair growth are described.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2943/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : TISSUE TARGETING

(51) International classification	:C08B37/10
(31) Priority Document No	:61/325,146
(32) Priority Date	:16/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/032771
Filing Date	:15/04/2011
(87) International Publication No	:WO 2011/130697
(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)MOMENTA PHARMACEUTICALS, INC.

Address of Applicant :675 West Kendall Street, Cambridge, MA 02142 U.S.A.

(72)Name of Inventor :

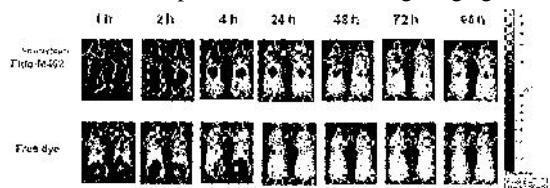
1)ZHOU, He

2)COCHRAN, Edward

3)KISHIMOTO, Takashi, Kei

(57) Abstract :

Methods and compositions related to targeting agents to tumor tissue are described.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2944/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 14/06/2013

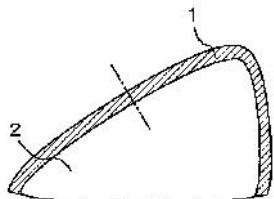
(54) Title of the invention : AN INTERLAYER FILM FOR A LAMINATED GLASS.

(51) International classification	:B32B17/10	(71)Name of Applicant :
(31) Priority Document No	:2004-199639	<b>1)SEKISUI CHEMICAL CO.,LTD.</b>
(32) Priority Date	:06/07/2004	Address of Applicant :4-4,NISHITEMMA 2-
(33) Name of priority country	:Japan	CHOME,KITA-KU,OSAKA-SHI,OSAKA 530-8565 JAPAN
(86) International Application No	:PCT/JP2005/012510	(72)Name of Inventor :
Filing Date	:06/07/2005	<b>1)FUKATANI, JUICHI</b>
(87) International Publication No	:WO/2006/004162	<b>2)BUNGO,HATTA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filed on	:3862/KOLNP/2006	
	:20/12/2006	

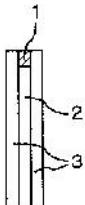
(57) Abstract :

It is an object of the present invention to provide an interlayer film for a laminated glass and a laminated glass, which do not cause an increase in a haze value due to moisture absorption and have excellent moisture resistance. The present invention is directed to an interlayer film for a laminated glass, which contains a polyvinyl acetal resin and a moisture resistance improver.

(a)



(b)



No. of Pages : 42 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2012

(21) Application No.2948/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHODS FOR AGROBACTERIUM-MEDIATED TRANSFORMATION OF SUGAR CANE

(51) International classification :A01H1/00,A01H5/00,C12N15/82  
(31) Priority Document No :61/358148  
(32) Priority Date :24/06/2010  
(33) Name of priority country:U.S.A.  
(86) International Application No :PCT/US2011/041333  
Filing Date :22/06/2011  
(87) International Publication No :WO 2011/163292  
(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)SYNGENTA PARTICIPATIONS AG

Address of Applicant :Schwarzwaldallee 215, CH-4058  
Basel, SWITZERLAND

2)QUEENSLAND UNIVERSITY OF TECHNOLOGY  
(QUT)

(72)Name of Inventor :

1)GEIJSKES Robert Jason Christopher

2)DE LUCCA Paulo Cezar

(57) Abstract :

The present invention provides methods for Agrobacterium-mediated transformation of sugar cane (*Saccharum*spp.) comprising introducing a nucleotide sequence of interest into a sugar cane callus tissue or cell thereof via Agrobacterium mediated delivery, wherein the sugar cane callus tissue is less than 28 days post initiation. The invention further provides methods for transforming a sugar cane callus tissue or cell thereof comprising inoculating the sugar cane callus tissue that is less than 28 days post initiation with an Agrobacterium comprising a nucleotide sequence of interest to produce an Agrobacterium-inoculated sugar cane tissue or cell thereof; and co-cultivating the, Agrobacterium and the sugar cane callus tissue to produce a transformed sugar cane callus tissue or cell thereof.

No. of Pages : 55 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2012

(21) Application No.2949/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR PRODUCING ANNULAR MOLDINGS SUBJECTED TO TENSILE OR PRESSURE LOADING FROM PLASTIC

(51) International classification	:B29C45/00,B29C45/26	(71) <b>Name of Applicant :</b> <b>1)SENSUS SPECTRUM LLC</b> Address of Applicant :8601 Six Forks Road, Suites 300 & 700, Raleigh, NC 27615, U.S.A
(31) Priority Document No	:10 2010 014 487.8	
(32) Priority Date	:10/04/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/001767	(72) <b>Name of Inventor :</b>
Filing Date	:08/04/2011	<b>1)BUSCH, Dieter</b>
(87) International Publication No	:WO 2011/124389	<b>2)FRISTER, Mark</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 methods for producing annular moldings (12) subjected to tensile or pressure loading from plastic by using an injection mold (2) having a main cavity (42), wherein, in addition to the main cavity (42) at least one extra cavity (46) is incorporated in the injection mold (2), wherein the at least one extra cavity (46) is joined to the main cavity (42) by a connecting duct (47). The main cavity (42) is filled with plastic melt in such a way that a flow line (40) is formed in the main cavity (42) in the vicinity of the connecting duct (47) between the at least one extra cavity (46) and the main cavity (42), wherein the cross section of the connecting duct (47) is dimensioned such that during the filling of the main cavity (42), no plastic melt flows into the extra cavity (46). The filling pressure is increased until plastic melt flows into the extra cavity (46); flow taking place through the flow line (40) produced during the filling of the main cavity (42). Subsequently the injection mold (2) is opened and the molding (12) removed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2950/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR CONTACT-CONNECTING A PHOTOVOLTAIC MODULE TO A CONNECTION HOUSING, AND SYSTEM CONSISTING OF A PHOTOVOLTAIC MODULE AND A CONNECTION HOUSING

(51) International classification	:H01L31/048	(71) <b>Name of Applicant :</b> 1)AT & S Austria Technologie & Systemtechnik Aktiengesellschaft Address of Applicant :Fabriksgasse 13, A-8700 Leoben-Hinterberg, AUSTRIA
(31) Priority Document No	:GM 270/2010	
(32) Priority Date	:27/04/2010	
(33) Name of priority country	:Austria	
(86) International Application No	:PCT/AT2011/000192	
Filing Date	:20/04/2011	
(87) International Publication No	:WO 2011/133992	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a method and system consisting of a photovoltaic module (21) and a connection housing or a junction box (28), wherein the photovoltaic module (21) comprises at least one solar cell (22) which is coupled at a rear side to an electrically conducting or conductive and structured layer (24) for conducting away the electrical energy generated in a solar cell(22), and furthermore at least one transparent carrier layer (23) is provided at that surface of the solar cell (22) which faces away from the electrically conducting layer (24), and a covering layer (27) is provided at the electrically conducting layer (24), wherein the electrically conducting and structured layer (24) can be contact connected to connections (30, 31) of the connection housing (28), it is proposed that connections or connection elements (30, 31) of the connection housing (28) can be coupled directly to partial regions having different polarities (+,-) of the structured conducting layer (24) via at least one through opening (29) in the covering layer (27) as a result of which contact connection of a photovoltaic module (21) to connection elements or connections (30,31) of a connection housing (28) can be obtained in a simple and reliable manner.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2951/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : CABLE SEAL ASSEMBLY

(51) International classification	:F16G11/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/057263
Filing Date	:26/05/2010
(87) International Publication No	:WO 2011/147449
(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)STOBA AG

Address of Applicant :Seestrasse 7, CH-9326 Horn,  
SWITZERLAND

(72)Name of Inventor :

1)VAID, Siddharth

(57) Abstract :

The present invention relates to a cable seal assembly comprising a box-shaped housing (11), a slide (1) with latching means (2) being mounted therein in slidable and in interlockable manner and a cable (25) being insertable in unlocked state via openings into the housing (11). Furthermore, the housing (11) comprises two parts (9; 10). The first part (9) is a female member (9) being open at its endings and comprising two openings (14; 15) in each of its side walls and wherein the second part (10) is a male member (10) which is mounted with the aid of clamping means to the inside of the female member (9).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/10/2012

(21) Application No.2953/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SPEED SETTING SYSTEM AND METHOD FOR A STALL-CONTROLLED WIND TURBINE

(51) International classification	:F03D7/00,F03D11/00,H02P9/04	(71)Name of Applicant : <b>1)NORTHERN POWER SYSTEMS, INC.</b> Address of Applicant :29 Pitman Road, Barre, Vermont 05641 U.S.A.
(31) Priority Document No	:12/754,253	
(32) Priority Date	:05/04/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/031041	(72)Name of Inventor : <b>1)PETTER, Jeffrey, K.</b>
Filing Date	:04/04/2011	
(87) International Publication No	:WO 2011/126961	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A speed setting system that generates a speed control command for controlling the rotational speed of a stall controlled wind turbine of a wind powered machine. The speed setting system generates the speed command as a function of performance variation of the wind turbine due to environmental and/or other factors. The speed setting system utilizes a performance compensation term that is slowly adjusted to compensate for relatively long term performance variation. In one example the performance compensation term is adjusted only when the current power output of the wind turbine is at least 80% of the rated output power to ensure the wind speed is sufficiently high.

No. of Pages : 31 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2954/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : ABSORBENT PRODUCT

(51) International classification	:A61F13/15
(31) Priority Document No	:2010-095143
(32) Priority Date	:16/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/002190
Filing Date	:13/04/2011
(87) International Publication No	:WO 2011/129111
(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) LIVEDO CORPORATION**

Address of Applicant :45-2, Handaotsu, Kanadacho,  
Shikokuchuo-shi, Ehime 7990122 JAPAN

(72) Name of Inventor :

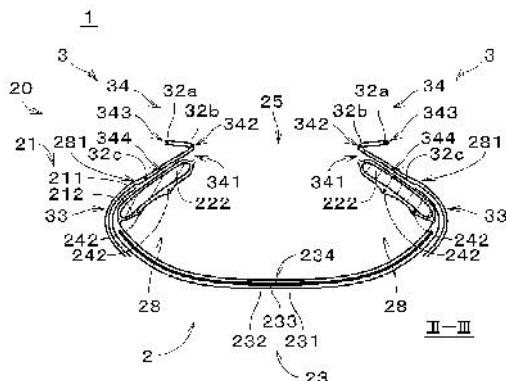
1) MIYAKE, Hirofumi

2) TATSUKAWA, Akiko

---

(57) Abstract :

In an absorbent product, a front pocket, a pair of side pockets and a rear pocket are formed between a back sheet member, and a front absorbent core a pair of side absorbent cores and a rear absorbent core, and excrement which has passed through an opening is collected therein. In the absorbent product, the side absorbent cores are bonded on inner surfaces of standing gather parts. Thus, since the standing gather parts stand up, the side absorbent cores become far away from the back sheet member. Side wall parts of the side pockets have structure where the side absorbent cores are bonded on the inner surfaces of side sheets and outer covering sheet. Thus, it is possible to increase stiffness of the side wall parts of the side pockets to thereby suppress deformation of the side wall parts due to a weight of excrement collected in the side pockets.



No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2012

(21) Application No.2972/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PACKAGING

(51) International classification	:B65D75/26,B65D75/58,B65D75/66
(31) Priority Document No	:1005354.4
(32) Priority Date	:30/03/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/050602
Filing Date	:24/03/2011
(87) International Publication No	:WO 2011/121337
(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)**CADBURY HOLDINGS LIMITED**

Address of Applicant :Cadbury House, Sanderson Road,  
Uxbridge, Middlesex UB8 1DH U.K.

(72)Name of Inventor :

1)**CHEEMA, Parbinder**

2)**WILLEY, Jason, Denis**

(57) Abstract :

A package ( 10) is formed from a flexible laminated wrapper ( 14) having an outer laminate structure (26) and an inner laminate structure (24) and includes a tear strip (30) formed in the wrapper. The tear strip has an outer tear strip portion (40) defined between a pair of outer spaced lines of weakness (42,44) in the outer laminate structure. At least one inner line of weakness (48,50) is formed in the inner laminate structure offset from the outer lines of weakness. At least a part (54) of the tear strip defined in one of the outer and inner laminate structures is bonded to an overlapping region of the other of the outer and inner laminate structures in a peelable manner. An inner tear strip portion (46) may be defined in the inner laminate structure (24) between a pair of spaced inner lines of weakness (48,50).

No. of Pages : 49 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2012

(21) Application No.2973/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METAL SALEN COMPLEX DERIVATIVE AND PROCESS FOR PRODUCTION THEREOF

(51) International classification	:C12N9/50,A61K31/7088,A61K38/00
(31) Priority Document No	:2010-088113
(32) Priority Date	:06/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/002056
Filing Date	:06/04/2011
(87) International Publication No	:WO 2011/125331
(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)IHI CORPORATION

Address of Applicant :1-1, Toyosu, 3-chome, Koto-ku,  
Tokyo 1358710 JAPAN

2)ISHIKAWA, Yoshihiro

(72)Name of Inventor :

1)ISHIKAWA, Yoshihiro

2)EGUCHI, Haruki

3)SATO, Hiroshi

(57) Abstract :

Disclosed are: a metal salen derivative having excellent yield and excellent stability; and a process for producing the metal salen complex. Specifically disclosed are: a metal salen complex derivative produced by binding at least one component of interest selected from an enzyme, an antibody, an antigen, a peptide an amino acid, an oligonucleotide, a protein, a nucleic acid and a pharmaceutical molecule to a metal salen complex through an amide bond or a disulfide bond; and a process for producing the metal salen complex derivative.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2012

(21) Application No.2977/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : MULTIPLE-INPUT MULTIPLE-OUTPUT COMMUNICATION SYSTEM SUPPORTING MULTIPLE REPORTING MODES

(51) International classification	:H04B7/04,H04J11/00,H04W24/10
(31) Priority Document No	:61/329,634
(32) Priority Date	:30/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2011/003183
Filing Date	:29/04/2011
(87) International Publication No	:WO 2011/136600
(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 ELECTRONICS CO., LTD.

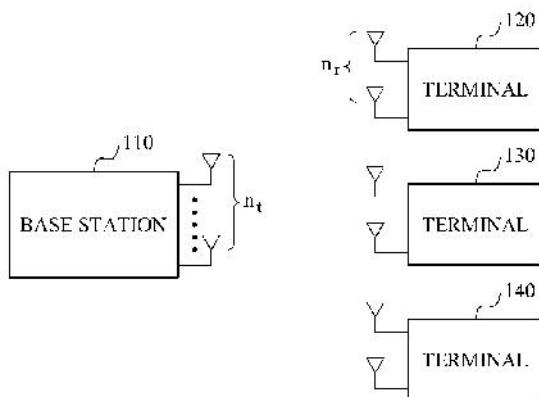
Address of Applicant :129, SAMSUNG-RO  
YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 443-742,  
REPUBLIC OF KOREA

(72)Name of Inventor :

- 1)CHOI, Jun Il
- 2)CLERCKX, Bruno
- 3)KIM, Ki Il
- 4)CHO, Joon Young
- 5)HAN, Jin Kyu

(57) Abstract :

A plurality of reporting modes used to report feedback information is provided. A transmitter and a receiver generate and share feedback information based on a corresponding reporting mode.



No. of Pages : 46 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2982/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : WING FOR GENERATING LIFT FROM AN INCIDENT FLOW

(51) International classification	:B64C3/10,B64C23/00	(71) <b>Name of Applicant :</b> <b>1)B.V. GREEN X</b> Address of Applicant :419, Strootsweg, NL-7547 RW Enschede THE NETHERLANDS
(31) Priority Document No	:2004555	
(32) Priority Date	:15/04/2010	
(33) Name of priority country	:Netherlands	
(86) International Application No	:PCT/NL2011/050253	(72) <b>Name of Inventor :</b> <b>1)MUSTERS, Robert Jan</b>
Filing Date	:14/04/2011	
(87) International Publication No	:WO 2011/129696	
(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 wing (1) for generating lift and comprises a trailing edge (5), a leading edge (3), an inner end (7), an outer end (9), a top surface (10) and a bottom surface (12). The wing comprises an aerofoil with a chord line and a span direction. The leading edge comprises a kink (21) between the inner (7) end and the outer end (9). The leading edge comprises a forward sweep part between the inner end and the kink extending towards the kink presenting an angle (a) relative to the span direction. The leading edge comprises a backward sweep part (35) between the kink and the outer end extending from the kink presenting an angle () relative to the span direction. The top surface comprises a flow control means (30) for controlling the lift at least partly located between a leading edge part between the kink and the outer end and located between the leading edge and the trailing edge.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2012

(21) Application No.2983/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : CHEMICAL COMPOUNDS

(51) International classification :A01N43/02,A01N43/22,A61K31/38  
(31) Priority Document No :61/328,212  
(32) Priority Date :27/04/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/US2011/034024  
Filing Date :27/04/2011  
(87) International Publication No :WO 2011/137135  
(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)GLAXOSMITHKLINE LLC

Address of Applicant :One Franklin Plaza, 200 North 16th Street, Philadelphia, Pennsylvania 19102 U.S.A.

(72)Name of Inventor :

1)AQUINO, Christopher Joseph

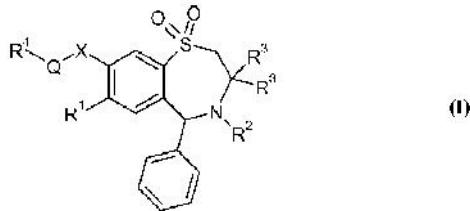
2)COLLINS, Jon Loren

3)COWAN, David John

4)WU, Yulin

(57) Abstract :

Compounds of Formula (I) and methods for treating metabolic disorders are disclosed.



No. of Pages : 139 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2012

(21) Application No.2984/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SYSTEMS AND METHODS FOR SPLIT PROXYING OF SSL VIA WAN APPLIANCES

(51) International classification	:H04L9/14,H04L12/22,G06F21/20
(31) Priority Document No	:12/764,633
(32) Priority Date	:21/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/032690
Filing Date	:15/04/2011
(87) International Publication No	:WO 2011/133422
(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)CITRIX SYSTEMS, INC.

Address of Applicant :851 West Cypress Creek Road, Fort Lauderdale, FL 33309 U.S.A.

(72)Name of Inventor :

1)OVSIANNIKOV, Michael

(57) Abstract :

The present invention is directed towards systems and methods for split proxying Secure Socket Layer (SSL) communications via intermediaries deployed between a client and a server. The method includes establishing, by a server-side intermediary, a SSL session with a server. A client-side intermediary may establish a second SSL session with a client using SSL configuration information received from the server-side intermediary. Both intermediaries may communicate via a third SSL session. The server-side intermediary may decrypt data received from the server using the first SSL session's session key. The server-side intermediary may transmit to the client-side intermediary, via the third SSL session, data encrypted using the third SSL session's session key. The client-side intermediary may decrypt the encrypted data using the third SSL session's session key. The client-side intermediary may transmit to the client the data encrypted using the second SSL session's session key.

No. of Pages : 161 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2012

(21) Application No.2985/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : VEHICLE

(51) International classification :B60C1/00,B60C5/00,B60C17/00  
(31) Priority Document No :2010-114522  
(32) Priority Date :18/05/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/060763  
Filing Date :10/05/2011  
(87) International Publication No :WO 2011/145480  
(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 RUBBER INDUSTRIES, LTD.

Address of Applicant :6-9, Wakinohama-cho 3-chome,  
Chuo-ku, Kobe-shi, Hyogo 6510072 JAPAN

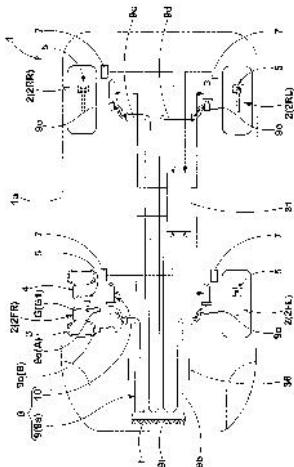
(72)Name of Inventor :

1)HINO Hidehiko

2)HANYA Masahiro

(57) Abstract :

Disclosed is a vehicle (1) fitted with a run- flat tire (3) provided with: a carcass (16) extending from a tread (12) through a sidewall (13) to a bead core (15) of a bead assembly (14); and a side reinforcement rubber layer (19) that has a crescent shaped cross section and is disposed inside the carcass (16) in the sidewall (3). A heat conducting member (21) having a coefficient of thermal conductivity of at least 0.3 W/(m·K) is disposed on the inner surface (22) of the tire. The run-flat tire (3) is further provided with a cooling device (8) that cools the run-flat tire (3) by blasting a fluid (G) onto the run-flat tire (3) and/or the wheel rim (4).



No. of Pages : 76 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/10/2012

(21) Application No.2990/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR FLOW COATING A POLYMERIC MATERIAL

(51) International classification :B05D1/30,B05D3/04,B05D7/02  
(31) Priority Document No :10165849.0  
(32) Priority Date :14/06/2010  
(33) Name of priority country :EPO  
(86) International Application No :PCT/EP2011/059311  
Filing Date :06/06/2011  
(87) International Publication No :WO 2011/157586  
Application Number :NA  
Filing Date :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)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :18 Avenue d'Alsace, F-92400 Courbevoie, FRANCE

(72)Name of Inventor :

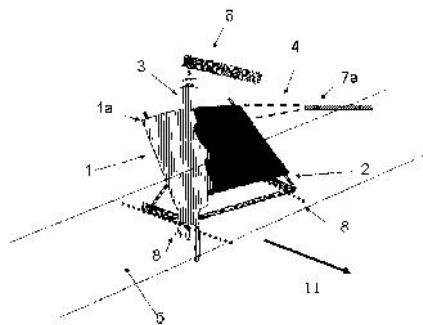
1)SCHMIDT Sebastian

2)TSCHURL Thomas

3)ZERR Juri

(57) Abstract :

A method for the flow coating of a polymeric material, wherein a. at least one component (1) is inserted at an angle of 25° to 90° with respect to the floor (5) into a holder (2), and b. the component (1) is coated from the upper edge (1 a) with a varnish (3) containing 10% by weight to 30% by weight of 4 methyl-2-pentanone and/or derivatives thereof.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2991/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/10/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : MOTOR VEHICLE WINDOW WITH INTEGRATED ROLLER BLIND

(51) International classification	:B60J1/00,B60J7/00	(71) <b>Name of Applicant :</b> <b>1)SAINT-GOBAIN GLASS FRANCE</b> Address of Applicant :18 Avenue d'Alsace, F-92400 Courbevoie, FRANCE
(31) Priority Document No	:10165672.6	
(32) Priority Date	:11/06/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/059312	(72) <b>Name of Inventor :</b> <b>1)LUX Thomas</b>
Filing Date	:06/06/2011	
(87) International Publication No	:WO 2011/154364	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vehicle window with an integrated roller blind at least comprising: a. a vehicle window (1) with a window opening (2), b. guides (3a, 3b) ribs (4a, 4b), domes (9) and roller blind shaft holders (5a, 5b), which are all mounted on the edge of the window opening (2) opposite one another on both sides in the longitudinal direction or transverse direction, c. a roller blind roller (6), in the roller blind shaft holders (5a, 5b), d. a roller blind (7) which is displaceable on the roller blind roller (6), in the guides (3a, 3b) and at the ribs (4a, 4b) and e. covers (8a, 8b) over the roller blind shaft holders (5a, 5b) guides (3a, 3b) ribs (4a, 4b) and domes (9) wherein the vehicle window (1) guides (3a, 3b) ribs (4a, 4b) domes (9) and roller blind shaft holders (5a, 5b) form a single structural element (13) made of a polymeric material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2998/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :08/10/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : DOMESTIC APPLIANCE FOR THE CARE OF LAUNDRY ITEMS, COMPRISING A DRUM FOR RECEIVING THE LAUNDRY ITEMS

(51) International classification	:D06F37/26
(31) Priority Document No	:10 2010 028 492.0
(32) Priority Date	:03/05/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/055466
Filing Date	:08/04/2011
(87) International Publication No	:WO 2011/138121
(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)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH

Address of Applicant :Carl-Wery-Str. 34, 81739, MÜNchen,  
Germany

(72)Name of Inventor :

1)EGLMEIER, Hans

2)HANAU, Andreas

3)WILDUNG, Wilfried

(57) Abstract :

The invention relates to a domestic appliance for the care of laundry items comprising a drum (3) for receiving the laundry items which is rotatably mounted about a substantially horizontal axis of rotation A and a suds tub (6) which is arranged on a front face edge web (7) of the drum (3) said web defining a loading opening (4) of the drum (3) and is spaced from the drum (3) by a gap and a collar (10) arranged in the region between the drum (3) and a housing (2) of the domestic appliance (1) wherein the collar (10) is connected to a slide unit (15) which has at least one slide element (14) and is connected to the edge web (7) of the drum (3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/10/2012

(21) Application No.3001/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PVD HYBRID METHOD FOR DEPOSITING MIXED CRYSTAL LAYERS

(51) International classification	:C23C14/08
(31) Priority Document No	:10 2010 028 558.7
(32) Priority Date	:04/05/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/057064
Filing Date	:03/05/2011
(87) International Publication No	:WO 2011/138331
(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)WALTER AG

Address of Applicant :Derendinger Strasse 53, 72072

TÜbingen, Germany

(72)Name of Inventor :

1)ENGELHART Wolfgang

2)SCHIER Veit

(57) Abstract :

The present invention relates to a method for depositing mixed crystal layers having at least two different metals (M1 M2) on a substrate by means of a PVD method. In order to provide a method for depositing mixed crystal layers having at least two different metals on a substrate by means of a PVD method by means of which mixed crystal layers that are as free as possible from macroparticles (droplets) and that have as great a proportion as possible of a desired crystalline phase and that are highly crystalline are obtained the deposition of the mixed crystal layer is performed while simultaneously applying I) the cathode sputtering method of dual magnetron sputtering or high power impulse magnetron sputtering (HIPIMS) and ii) arc vaporization (arc PVD).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/10/2012

(21) Application No.3002/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : GAS-INSULATED BUS

(51) International classification :H02G5/06,H02B13/02,H02G5/08  
(31) Priority Document No :2010-088717  
(32) Priority Date :07/04/2010  
(33) Name of priority country:Japan  
(86) International Application No :PCT/JP2011/002065  
Filing Date :07/04/2011  
(87) International Publication No :WO 2011/125332  
(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 TOSHIBA,

Address of Applicant :1-1, Shibaura 1-chome, Minato-ku,  
Tokyo 105-8001 JAPAN

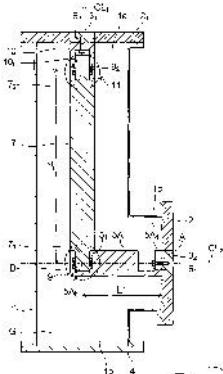
(72)Name of Inventor :

1)TOYODA Akiko

2)YANAGI Hironori

(57) Abstract :

Disclosed is a gas insulated bus which allows decreasing the bolt pulling load caused by the electromagnetic force generated by a short duration current resistance and makes it possible to minimize the conductor diameter. The gas insulated bus is provided with: a cylindrical tank (1) filled with an insulating gas (G) and having tank apertures (1a 1b 1c) in the length direction and the perpendicular direction; a longitudinal conductor (7) arranged longitudinally in the tank (1); a radial conductor (5A) arranged so as to connect to the longitudinal conductor (7) and to be perpendicular thereto; and insulating spacers (21, 22, 23) which fix the longitudinal conductor (7) and the radial conductor (5A) at the tank apertures (1a 1b 1c) of the tank (1). A connecting unit (9) connecting both conductors is arranged at the intersection (B) of the central axis (CL) of the longitudinal conductor (7) and the central axis (CL) of the radial conductor (5A).



No. of Pages : 38 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/10/2012

(21) Application No.3003/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : AUDIO ENCODER, AUDIO DECODER AND RELATED METHODS FOR PROCESSING MULTI-CHANNEL AUDIO SIGNALS USING COMPLEX PREDICTION

(51) International classification	:G10L19/00,G10L19/04	(71)Name of Applicant :
(31) Priority Document No	:61/322,688	1)FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(32) Priority Date	:09/04/2010	Address of Applicant :Hansastrasse 27c, 80686 Muenchen, Germany
(33) Name of priority country	:U.S.A.	2)DOLBY INTERNATIONAL AB,
(86) International Application No	:PCT/EP2011/054485	(72)Name of Inventor :
Filing Date	:23/03/2011	1)PURNHAGEN, Heiko:
(87) International Publication No	:WO 2011/124473	2)CARLSSON, Pontus
(61) Patent of Addition to Application Number	:NA	3)VILLEMOES, Lars
Filing Date	:NA	4)ROBILLARD, Julien
(62) Divisional to Application Number	:NA	5)NEUSINGER, Matthias
Filing Date	:NA	6)HELMRICH, Christian
		7)HILPERT, Johannes
		8)RETTELBACH, Nikolaus
		9)DISCH, Sascha
		10)EDLER, Bernd

(57) Abstract :

An audio encoder and an audio decoder are based on a combination of two audio channels (201 202) to obtain a first combination signal (204) as a mid signal and a residual signal (205) which can be derived using a predicted side signal derived from the mid signal. The first combination signal and the prediction residual signal are encoded (209) and written (212) into a data stream (213) together with the prediction information (206) derived by an optimizer (207) based on an optimization target (208). A decoder uses the prediction residual signal the first combination signal and the prediction information to derive a decoded first channel signal and a decoded second channel signal. In an encoder example or in a decoder example a real to imaginary transform can be applied for estimating the imaginary part of the spectrum of the first combination signal. For calculating the prediction signal used in the derivation of the prediction residual signal the real valued first combination signal is multiplied by a real portion of the complex prediction information and the estimated imaginary part of the first combination signal is multiplied by an imaginary portion of the complex prediction information.

No. of Pages : 58 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/10/2012

(21) Application No.3008/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ANTIBODIES TO MUC16 AND METHODS OF USE THEREOF

(51) International classification	:C07K16/18,C12N15/13,C12N5/18
(31) Priority Document No	:61/317,964
(32) Priority Date	:26/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/030025
Filing Date	:25/03/2011
(87) International Publication No	:WO 2011/119979
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	
(62) Divisional to Application Number	:NA :NA
Filing Date	

(71)Name of Applicant :

1)MEMORIAL SLOAN-KETTERING CANCER CENTER

Address of Applicant :1275 York Avenue, New York, NY 10065, U.S.A.

(72)Name of Inventor :

1)SPRIGGS David  
2)THAPI Dharmarao

(57) Abstract :

The invention provides antibodies and antigen binding fragments thereof that specifically bind to a polypeptide or antigenic portion thereof wherein the polypeptide is selected from a) MUC16 ectodomain polypeptide b) MUC16 cytoplasmic domain polypeptide and c) MUC16 extracellular domain polypeptide that contains a cysteine loop polypeptide. The invention s antibodies and compositions containing them are useful in diagnostic and therapeutic applications for diseases in which MUC16 is overexpressed such as cancer.

No. of Pages : 145 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3033/KOLNP/2012 A

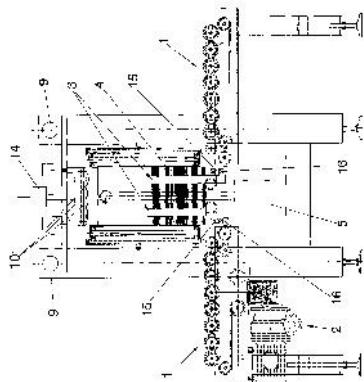
(43) Publication Date : 14/06/2013

(54) Title of the invention : MACHINE FOR CLEAVING SLATE

(51) International classification	:B28B1/32	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:P201030511	<b>1)BARBIERI &amp; TAROZZI IBERICA, S.L.</b>
(32) Priority Date	:08/04/2010	Address of Applicant :Polígono Industrial Supoi, 8, Parcela M5-B1, E-12550 ALMAZORA (Castellón) SPAIN
(33) Name of priority country	:Spain	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/ES2011/070168	<b>1)MARINELLI, Giordano</b>
Filing Date	:11/03/2011	
(87) International Publication No	:WO 2011/124735	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This machine is intended to cleave a block of slate to obtain slate sheets using a cutter on the upper side face of the slate block with the bases thereof arranged on vertical planes. It is characterised in that it comprises at least two work stations corresponding to two longitudinal beds of rollers (1) that are interrupted in a central transversal zone where there are tilting support elements (3) that flip the slate blocks (4) initially drawn by these rollers. Level with this central transversal zone there is a movable truck (8) coupled at the top to transversal guide bars (9), such that said truck incorporates the corresponding cutting cutter and also a characteristic clamp to seal the shear plane of the corresponding slate block (4).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3038/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR THE TREATMENT OF A LIQUID, IN PARTICULAR A MINERAL OIL

(51) International classification :C10G15/08,B01J19/10,C02F1/36  
(31) Priority Document No :A 596/2010  
(32) Priority Date :14/04/2010  
(33) Name of priority country :Austria  
(86) International Application No :PCT/AT2011/000184  
Filing Date :14/04/2011  
(87) International Publication No :WO 2011/127512  
(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)PRISTEC AG**

Address of Applicant :Tech Gate Vienna Science and Technology Park, Donau-City-Strasse 1, A-1220 Vienna, AUSTRIA

(72)Name of Inventor :

**1)DELGADO CASTILLO, Jose Miquel**

**2)VENECIANO RIVERA, Anibal Luis**

**3)NUERK, Ruediger Uwe**

**4)CHERNIKOV, Fedor**

(57) Abstract :

A method is disclosed for the treatment of a liquid, in particular a mineral oil, for increasing the portion of low boiling fractions. The treatment comprises generating pressure waves having a first frequency, subjecting the liquid to said pressure waves in a region of application and feeding the so-treated liquid to a tank. At least one pipe flowed through by the treated liquid and immediately following said region of application is excited to oscillations of a second frequency, which is the resonance frequency of the excited system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3048/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : AUDIO OR VIDEO ENCODER, AUDIO OR VIDEO DECODER AND RELATED METHODS FOR PROCESSING MULTI-CHANNEL AUDIO OR VIDEO SIGNALS USING A VARIABLE PREDICTION DIRECTION

(51) International classification	:G10L19/00,G10L19/06	(71)Name of Applicant :
(31) Priority Document No	:61/323,683	1)FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
(32) Priority Date	:13/04/2010	Address of Applicant :Hansaстр. 27c, 80686 MÜNchen, Germany
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/052354	1)ROBILLIARD, Julien
Filing Date	:17/02/2011	2)NEUSINGER, Matthias
(87) International Publication No	:WO 2011/128138	3)HELMRICH, Christian
(61) Patent of Addition to Application Number	:NA	4)HILPERT, Johannes
Filing Date	:NA	5)RETTELBACH, Nikolaus
(62) Divisional to Application Number	:NA	6)DISCH, Sascha
Filing Date	:NA	7)EDLER, Bernd

(57) Abstract :

An audio or video encoder and an audio or video decoder are based on a combination of two audio or video channels (201, 202) to obtain a first combination signal (204) as a mid signal and a residual signal (205) which can be derived using a predicted side signal derived from the mid signal. The first combination signal and the prediction residual signal are encoded (209) and written (212) into a data stream (213) together with the prediction information (206) derived by an optimizer (207) based on an optimization target (208) and a prediction direction indicator indicating a prediction direction associated with the residual signal. A decoder uses the prediction residual signal, the first combination signal, the prediction direction indicator and the prediction information to derive a decoded first channel signal and a decoded second channel signal. In an encoder example or in a decoder example, a real-to-imaginary transform can be applied for estimating the imaginary part of the spectrum of the first combination signal. For calculating the prediction signal used in the derivation of the prediction residual signal, the real-valued first combination signal is multiplied by a real portion of the complex prediction information and the estimated imaginary part of the first combination signal is multiplied by an imaginary portion of the complex prediction information.

No. of Pages : 70 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3049/KOLNP/2012 A

(19) INDIA

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

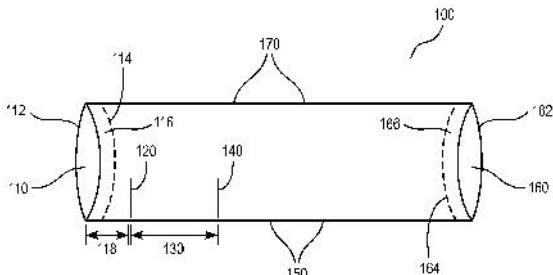
(43) Publication Date : 14/06/2013

(54) Title of the invention : A DEBRIS INHIBITOR FOR SHOES AND METHODS FOR MAKING SAME

(51) International classification	:A43B3/16,A43B5/18	(71)Name of Applicant :
(31) Priority Document No	:61/325,086	1)TNG ENTERPRISES LLC
(32) Priority Date	:16/04/2010	Address of Applicant :9041 Savannah Ridge, Olive Branch, Mississippi 38654, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2011/032901	1)TEICHERT, Joseph Albert 2)ANGLEY, Carl Edward, III 3)PARKER, Eddie Alan
Filing Date	:18/04/2011	
(87) International Publication No	:WO 2011/130743	
(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 debris inhibitors and inhibitor systems and methods of making same. The inhibitors and inhibitor systems of the present invention are worn over athletic or outdoor shoes to inhibit entry of debris into the athletic or outdoor shoes.



No. of Pages : 33 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3050/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : CAPACITOR ELEMENT AND METHOD OF ENCAPSULATING A CAPACITOR BASE BODY

(51) International classification	:H01G2/10,H01G4/224	(71) <b>Name of Applicant :</b> <b>1)EPCOS AG</b> Address of Applicant :St.-Martin-Str. 53, 81669 MÜNchen, Germany
(31) Priority Document No	:10162724.8	
(32) Priority Date	:12/05/2010	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2011/057715	(72) <b>Name of Inventor :</b>
Filing Date	:12/05/2011	<b>1)EGHE, Rahul</b>
(87) International Publication No	:WO 2011/141557	<b>2)MOTTAMMANI, Surendrababu</b>
(61) Patent of Addition to Application Number	:NA	<b>3)HAENSSLER, Ronald</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A capacitor element (1) is provided, comprising a capacitor base body (2) and an encapsulation (3) of the base body (2). The encapsulation (3) is injection-molded directly onto the base body (2). Furthermore, a method for encapsulating a capacitor base body (2) is provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3051/KOLNP/2012 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : TRANSFORMER STATION

(51) International classification	:H02B7/08,H02B3/00	(71) <b>Name of Applicant :</b> <b>1)ABB TECHNOLOGY AG</b> Address of Applicant :Affolternstr. 44, CH-8050 ZÜrich, SWITZERLAND
(31) Priority Document No	:102010017899.3	
(32) Priority Date	:21/04/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/056009	(72) <b>Name of Inventor :</b>
Filing Date	:15/04/2011	<b>1)KÄMPFER, Stefan</b>
(87) International Publication No	:WO 2011/131580	<b>2)KAUFMANN, Klaus</b>
(61) Patent of Addition to Application Number	:NA	<b>3)BORNHOFFER, Richard</b>
Filing Date	:NA	<b>4)KRAFT, Karlheinz</b>
(62) Divisional to Application Number	:NA	<b>5)KOMISCHKE, Patrick</b>
Filing Date	:NA	<b>6)GHOSH, Saikat</b>
		<b>7)SCHNEIDER, Jens-Olaf</b>

(57) Abstract :

The invention relates to a transformer station for high and medium voltages which is installed beneath the earths surface, with at least one access point to the switchgear assembly and the ventilation shafts being arranged above ground. The transformer station comprises at least one power transformer (12) for converting high voltage to medium voltage, at least one medium- voltage switchgear assembly and auxiliary and secondary as well as protection and control devices, at least one access or transport shaft (1), which is suitable for transporting all large equipment and operating means into the station and can be used as an exhaust air shaft (16). The access or transport shaft (1) has ventilation channels and a movable closure element (2). A base surface (5) for placing the operating means and the power transformers (12) is provided beneath the access shaft (1), wherein the power transformers (12) can be inserted into boxes (7) provided for this purpose, which are preferably adjacent to one another, once said power transformers have been placed on the base surface (5).

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2865/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/09/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : IMPROVED GETTER SYSTEM FOR HYDROGEN SENSITIVE DEVICES

(51) International classification :F24J2/05,F24J2/46,H01J7/18  
(31) Priority Document No :10425130.1  
(32) Priority Date :22/04/2010  
(33) Name of priority country :EPO  
(86) International Application No :PCT/EP2011/054688  
    Filing Date :28/03/2011  
(87) International Publication No :WO 2011/131456  
(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)SAES GETTERS S.P.A.

Address of Applicant :Viale Italia 77, I-20020 Lainate MI  
ITALY

(72)Name of Inventor :

1)CONTE, Andrea

2)VIALE, Luca

(57) Abstract :

Improved solutions for integrating hydrogen getter in powder form within hydrogen sensitive devices, and hydrogen sensitive devices employing such improved solutions. The hydrogen getter system (10) comprises a metallic mesh (11) with closed extremities containing material powders.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2012

(21) Application No.2866/KOLNP/2012 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : IMPELLER ROTATION SPEED CONTROL METHOD

(51) International classification	:C21C1/02,H02P29/00	(71) <b>Name of Applicant :</b> <b>1)NISHIN STEEL CO., LTD.</b> Address of Applicant :4-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008366 JAPAN
(31) Priority Document No	:2011-049827	
(32) Priority Date	:08/03/2011	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2012/055084	(72) <b>Name of Inventor :</b>
Filing Date	:29/02/2012	<b>1)TADA, Shintarou</b>
(87) International Publication No	:WO 2012/121078	<b>2)SUGIURA, Masayuki</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

While an impeller (3) is rotating at a predetermined rotation speed ( $X_0$ ), the load current value (I) of a motor (4) rotating the impeller (3) is read; and when the load current value (I) is determined to be lower than a predetermined threshold value ( $I_0$ ), the rotation speed of the impeller (3) is increased such that the load current value (I) becomes equal to or higher than the threshold value ( $I_0$ ).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/09/2012

(21) Application No.2868/KOLNP/2012 A

(43) Publication Date : 14/06/2013

---

(54) Title of the invention : PROCESS FOR PREPARING SULFONAMIDO-BENZOFURAN DERIVATIVES

(51) International classification	:C07D307/79,C07B45/04
(31) Priority Document No	:1052334
(32) Priority Date	:30/03/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2011/050707
Filing Date	:30/03/2011
(87) International Publication No	:WO 2011/124827
(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)SANOFI

Address of Applicant :54, rue de la Botie, F-75008 Paris  
FRANCE

(72)Name of Inventor :

1)PRIEM, Thomas

2)VAYRON, Philippe, Paul

(57) Abstract :

The invention relates to a process for preparing 5-sulfonamido-benzofuran derivatives of general formula: formula (I) in which R represents an alkyl or aryl group and R1 and R2 represent hydrogen or an alkyl or aryl group. According to the invention, the compounds of formula I are prepared by coupling a benzofuran derivative of general formula II, where X represents chlorine, bromine or iodine or a sulfonate group: formula (II) with a sulfonamide derivative of formula R-SO<sub>2</sub>-NH<sub>2</sub>, in the presence of a basic agent and of a catalyst system formed from a palladium compound and a ligand.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2012

(21) Application No.2869/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : NOVEL MONOCLONAL ANTIBODY AND METHOD FOR IMMUNOASSAYING D DIMER

(51) International classification	:C12N15/09,C07K16/36,C12N5/10
(31) Priority Document No	:2010-084863
(32) Priority Date	:01/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/058286
Filing Date	:31/03/2011
(87) International Publication No	:WO 2011/125875
(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)Mitsubishi Chemical Medience Corporation

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Tokyo 1088559 JAPAN

(72)Name of Inventor :

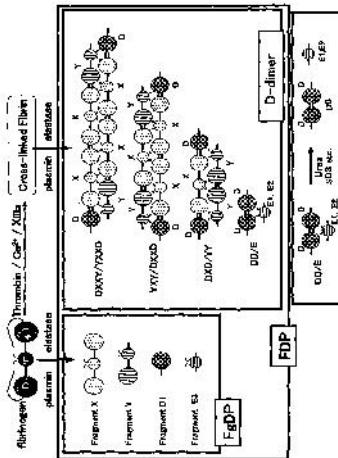
1)NAGAHAMA, Yutaka

2)NOZAKI, Junko

3)SAKURAI, George

(57) Abstract :

Provided are an antibody, which enables specific and accurate assay of stabilized fibrin degradation products (D dimer), and a method and a reagent for assaying D dimer each using said antibody. The aforesaid antibody reacts specifically with D dimer, which is plasmin degradation products of stabilized fibrin, but not with fibrinogen and plasmin degradation products thereof, i.e. fragment X, fragment Y, fragment D1 and fragment E3, and dissociation products of DD/E monomer i.e. fragment DD, fragment E1 and fragment E2.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3066/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : FLUID-ASSISTED ELECTROSURGICAL DEVICES, AND METHODS OF MANUFACTURE THEREOF

(51) International classification	:A61B18/14,A61B18/00	(71) <b>Name of Applicant :</b> <b>1)Medtronic Advanced Energy LLC</b> Address of Applicant :710 MEDTRONIC PARKWAY NE MS : LC340 MINNEAPOLIS, MINNESOTA 55432 U.S.A.
(31) Priority Document No	:12/790,309	
(32) Priority Date	:28/05/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2011/038162	(72) <b>Name of Inventor :</b>
Filing Date	:26/05/2011	<b>1)BLOOM, Eliot, F.</b>
(87) International Publication No	:WO 2011/150222	<b>2)VACCARELLA, Lorenzo, C.</b>
(61) Patent of Addition to Application Number	:NA	<b>3)GREENLAW, Chad, M.</b>
Filing Date	:NA	<b>4)GREELEY, Roger, D.</b>
(62) Divisional to Application Number	:NA	<b>5)MILLER, Steven, G.</b>
Filing Date	:NA	

(57) Abstract :

This invention provides a fluid-assisted electrosurgical device to treat tissue in a presence of radio frequency energy and a fluid provided from the device. The device comprises a handle, a rigid shaft member distal to the handle, and at least one electrode distal to the shaft member. The shaft member comprises a shaft member first body and a shaft member second body joined together along a length of the shaft member. The shaft member further comprises a plurality of longitudinally oriented shaft member passages, with each of the passages having a length defined by the shaft member first body and the shaft member second body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3067/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

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(54) Title of the invention : POWDER FORGED DIFFERENTIAL GEAR

(51) International classification	:B22F5/08	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/360,824	<b>1)GKN SINTER METALS, LLC</b>
(32) Priority Date	:01/07/2010	Address of Applicant :3300 University Drive, Auburn Hills, MI 48326-2362 U.S.A.
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US2011/041997	<b>1)CHIESA, Alfred, J.</b>
Filing Date	:27/06/2011	<b>2)LENHART, David, E.</b>
(87) International Publication No	:WO 2012/015548	<b>3)KNOTT, Henry, J.</b>
(61) Patent of Addition to Application Number	:NA	<b>4)GEIMAN, Timothy, E.</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A differential assembly, bevel gears for the assembly, and a method of making the bevel gears are disclosed. The bevel gears have a form which provides for high power density transfer in a reliable manner. The sphere diameter of the gears and overall size of the differential assembly can be reduced.

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3062/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : HIGH-STRENGTH GALVANIZED STEEL SHEET HAVING EXCELLENT FORMABILITY AND CRASHWORTHINESS AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C38/00,C21D9/46,C22C38/06
(31) Priority Document No	:2010-094667
(32) Priority Date	:16/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/059453
Filing Date	:11/04/2011
(87) International Publication No	:WO 2011/129452
(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)JFE STEEL CORPORATION**

Address of Applicant :2-3, Uchisaiwai-cho 2-chome,  
Chiyoda-ku, Tokyo 100-0011 JAPAN

(72)Name of Inventor :

**1)Shinjiro KANEKO**

**2)Tatsuya NAKAGAITO**

**3)Hirosi HASEGAWA**

**4)Yasunobu NAGATAKI**

(57) Abstract :

Provided are: a high-strength hot-dip galvanized steel sheet which has a TS of 980 MPa or more, has satisfactory formability including hole expansibility, and has an excellent energy-absorbing ability when deformed at a high speed; and a process for producing the steel sheet. The high-strength hot-dip galvanized steel sheet has a composition which contains, in terms of mass%, 0.03-0.13% C, 1.0-2.0% Si, 2.4-3.5% Mn, 0.001-0.05% P, 0.0001-0.01% S, 0.001-0.1% Al, 0.0005-0.01% N, and 0.0003-0.01% B, the contents of C, Mn, and B satisfying relationship (1) and the remainder comprising Fe and incidental impurities, and has a structure which includes a tempered martensite phase and a bainite phase in a total areal proportion of 30% or more (when there is no bainite phase, then the tempered martensite phase is contained in an areal proportion of 30% or more), the tempered martensite phase having a nearest-grain distance of 10  $\mu\text{m}$  or less.  $(\% \text{Mn})+1000-(\% \text{B})=35$  (%C)(1).

No. of Pages : 44 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3180/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

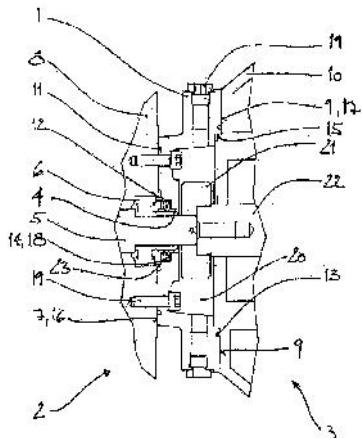
(43) Publication Date : 14/06/2013

(54) Title of the invention : COMPRESSOR FLANGE FOR SCREW-TYPE COMPRESSOR

(51) International classification	:F04C29/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 015 151.3	1)KNORR-BREMSE SYSTEME FÜR
(32) Priority Date	:16/04/2010	SCHIENENFAHRZEUGE GMBH
(33) Name of priority country	:Germany	Address of Applicant :Moosacher Str. 80, 80809 MÜNchen, Germany
(86) International Application No Filing Date	:PCT/EP2011/055754 :13/04/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/128349	1)KÖCK Engelbert
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The invention relates to a compressor flange (1) for connecting a screw-type compressor (2) to a drive (3), wherein the compressor flange (1) has a central opening (4) for receiving a shaft (5) and/or a bearing (6) and a first annular bearing face (7) for bearing on a housing (8) of the compressor (2) and a second annular bearing face (9) for bearing on a housing (10) of the drive (3). According to the invention, the compressor flange (1) also comprises axially and/or radially effective seals (11, 12) for forming a seal with respect to the compressor housing (8) and/or the shaft (5), with the result that an open compressor housing (8) can be closed off and sealed by insertion of the compressor flange (1). In addition, the device relates to a screw-type compressor with such a compressor flange.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/11/2012

(21) Application No.3429/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification	:A61F13/15,A61F13/49
(31) Priority Document No	:2010-088917
(32) Priority Date	:07/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/058842
Filing Date	:07/04/2011
(87) International Publication No	:WO 2011/126088
(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)UNICHARM CORPORATION

Address of Applicant :182, Shimobun, Kinsei-cho,  
Shikokuchuo-shi, Ehime 7990111 JAPAN

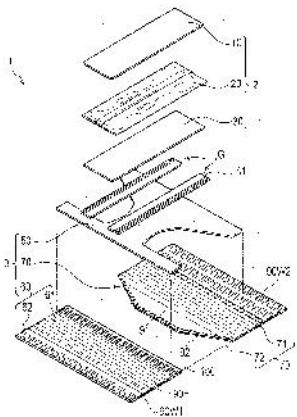
(72)Name of Inventor :

1)MUKAI, Hirotomo

2)WATABE, Yoshihisa

(57) Abstract :

In a crotch region (S20) in the disclosed absorbent article (1), a waist elastic member (100) provided in a front waist region (S10A), and waist elastic members (91, 92) provided in a rear waist region (S10B) are arranged so as to not come into contact with each other, and a linear identification part (100) is provided in either the front waist region (S10A) or the rear waist region (S10B), in a manner such that in a first region (X) wherein an absorbent main body (2) is provided the identification part is only visible from the side of the absorbent article (1) which is not in contact with the skin, and in a second region (Y) wherein the absorbent main body (2) is not provided the identification part is visible from both the side of the absorbent article (1) which is in contact with the skin and that which is not.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3516/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :14/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYRINGE BARREL ADAPTER AND NEEDLE ASSEMBLY

(51) International classification	:A61M5/32,A61M5/50	(71) <b>Name of Applicant :</b> <b>1)UNITRACT SYRINGE PTY LTD</b> Address of Applicant :Suite 3, Level 11, 1 Chifley Square, Sydney, New South Wales 2000 Australia
(31) Priority Document No	:61/331,197	
(32) Priority Date	:04/05/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/AU2011/000515	(72) <b>Name of Inventor :</b>
Filing Date	:04/05/2011	<b>1)THORLEY, Craig Stephen</b>
(87) International Publication No	:WO 2011/137488	<b>2)KAAL, Joseph Hermes</b>
(61) Patent of Addition to Application Number	:NA	<b>3)RAFFERTY, Christopher Charles</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An adapter mountable to a retractable syringe barrel comprises a body that includes a needle portion and a barrel engaging portion and a needle aperture. The adapter facilitates mounting a needle assembly to the barrel. The needle assembly comprises a needle body and cannula and an immobile, compressible needle seal, wherein the needle body and the needle seal are releasably engaged. The needle seal is engageable with a needle portion of the adapter. The needle body comprises one or more fluid reclaim channels that facilitate efficient delivery of the fluid contents of the retractable syringe. The retractable syringe also comprises dual locking systems to impede or prevent re-use.

No. of Pages : 32 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2012

(21) Application No.3531/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W16/14,H04J1/00,H04J11/00
(31) Priority Document No	:2010-114382
(32) Priority Date	:18/05/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/061245
Filing Date	:16/05/2011
(87) International Publication No	:WO 2011/145583
(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, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 JAPAN

(72)Name of Inventor :

1)TAKEDA, Kazuaki

2)MIKI, Nobuhiko

(57) Abstract :

This invention is directed to achievement of optimum CFI control and improvement of PDSCH transmission efficiency in an environment where a cross carrier scheduling is applied. Regarding macro-UE2 to which a cross carrier scheduling is applied, the PDSCH start position of CC1 on which PDCCH is transmitted is dynamically controlled, and the PDSCH start position of CC2 on which no PDCCH is transmitted is quasi-statically controlled. Regarding pico-UE2 to which a cross carrier scheduling is applied, the PDSCH start position of CC2 on which PDCCH is transmitted is dynamically controlled, and the PDSCH start position of CC1 on which no PDCCH is transmitted is dynamically controlled.

No. of Pages : 63 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3541/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : POLYMERS OF BENZODITHIOPHENE AND THEIR USE AS ORGANIC SEMICONDUCTORS

(51) International classification	:C07D333/52,C08G61/12,H01B1/12
(31) Priority Document No	:10004148.2
(32) Priority Date	:19/04/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/001437
Filing Date	:23/03/2011
(87) International Publication No	:WO 2011/131280
(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)MERCK PATENT GMBH**

Address of Applicant :FRANKFURTER STRASSE 250,  
64293 DARMSTADT, Germany

(72)Name of Inventor :

**1)TIERNEY STEVEN**

**2)BLOUIN NICOLAS**

**3)MITCHELL WILLIAM**

**4)WANG CHANGSHENG**

**5)CARRASCO-OROZCO MIGUEL**

**6)MEYER FRANK EGON**

(57) Abstract :

The invention relates to novel polymers of benzodithiophene, methods and materials for their preparation, their use as semiconductors in organic electronic (OE) devices, and to OE devices comprising these polymers.

No. of Pages : 88 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3542/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :16/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : FAULT DIAGNOSIS APPARATUS FOR AIRFLOW METER

(51) International classification	:F02D45/00,F02D41/22
(31) Priority Document No	:2010-096582
(32) Priority Date	:20/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/059639
Filing Date	:19/04/2011
(87) International Publication No	:WO 2011/132678
(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)NISSAN MOTOR CO., LTD.

Address of Applicant :2, TAKARA-CHO, KANAGAWA-KU YOKOHAMA-SHI, KANAGAWA 221-0023, JAPAN

(72)Name of Inventor :

1)SATOSHI SEKINE

(57) Abstract :

Disclosed is a fault diagnosis apparatus which determines that an airflow meter (11) has a fault when the divergence ratio, i.e., the divergence value of the estimated intake air quantity with respect to the actual intake air quantity obtained by the airflow meter (11) is larger than the fault determination reference value determined in accordance with the rotation speed of an internal combustion engine (1). Namely, as the rotation speed of the internal combustion engine reduces, the upper limit diagnosis criteria, i.e., the fault determination reference value increases, and the lower limit diagnosis criteria decreases, and thus, a range for determining that the airflow meter (11) has a fault is narrowed. Thus, in the entire range of the engine rotation speed, i.e., in the entire operation range of the internal combustion engine (1), the fault diagnosis for the airflow meter (11) can be performed, and the deterioration of the exhaust performance, caused by a failure of the airflow meter (11) can be prevented from occurring.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3600/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : VALVE ARRANGEMENT OF A BLIND FLANGE VALVE

(51) International classification	:F16K3/312,F16K3/30	(71) <b>Name of Applicant :</b> <b>1)OLSEN, ERLING</b> Address of Applicant :ANNA PLEYMSVEI 18, N-0988 OSLO, NORWAY
(31) Priority Document No	:2010 0772	
(32) Priority Date	:27/05/2010	
(33) Name of priority country	:Norway	
(86) International Application No	:PCT/NO2010/000439	(72) <b>Name of Inventor :</b> <b>1)OLSEN, ERLING</b>
Filing Date	:01/12/2010	
(87) International Publication No	:WO 2011/149358	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A valve arrangement to ensure zero leakage from a blind flange valve (MV) is described. The blind flange valve (MV) is adapted to seal a pipeline into complete sealing according to set requirements. The base, or bottom, of the blind flange valve (MV) is in fluid communication with the inlet of an actuateable first valve (V1) that is in fluid communication with the inlet of a second actuateable valve (V2). A fluid chamber (C) is in fluid communication with the outlet from the first valve (V1) and the inlet of the second valve (V2). The outlet from the second valve (V2) can be drained out, and that respective actuateable valves (V1, V2) can be actuated by signal from predetermined sensor or sensors (S1-5).

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2012

(21) Application No.3601/KOLNP/2012 A

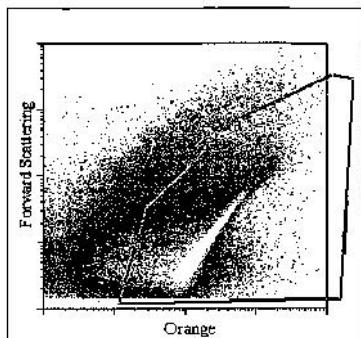
(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR MANUFACTURING PAPER OR BOARD

(51) International classification	:D21H17/70	(71) <b>Name of Applicant :</b> <b>1)NORDKALK OY AB</b> Address of Applicant :SKRÄBBÖLEVÄGEN 18, 21600 PARGAS, FINLAND
(31) Priority Document No	:20105627	
(32) Priority Date	:03/06/2010	
(33) Name of priority country	:Finland	
(86) International Application No	:PCT/FI2011/050517	(72) <b>Name of Inventor :</b> <b>1)VIRTANEN, PENTTI</b> <b>2)SAASTAMOINEN, SAKARI</b>
Filing Date	:03/06/2011	
(87) International Publication No	:WO 2011/151525	
(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 manufacturing paper or board, wherein paper or board pulp is diluted with acidic water and wherein the pH value of the pulp is raised with an alkali simultaneously with increasing the solids content of the pulp by filtration, compression and evaporation on the wire, press and drying sections, and, at the same time, filler is precipitated from the acidic water into the paper or board structure. The invention also relates to moistening of paper or board, with a dry matter content of over 40 %, in acidic water, after which the pH value is raised with an alkali, and the paper or board is dried, or it is dried after the moistening without raising the pH value.



No. of Pages : 52 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2012

(21) Application No.3602/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : METHOD AND SYSTEM FOR MULTIPLEXING ACKNOWLEDGEMENT SIGNALS AND SOUNDING REFERENCE SIGNALS

(51) International classification	:H04L27/26,H04B7/26	(71) <b>Name of Applicant :</b> <b>1)SAMSUNG ELECTRONICS CO., LTD.</b> Address of Applicant :129, SAMSUNG-RO, YEONGTONG-GU SUWON-SI, GYEONGGI-DO 443-742, REPUBLIC OF KOREA
(31) Priority Document No	:61/365,272	
(32) Priority Date	:16/07/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/KR2011/005192	
Filing Date	:14/07/2011	
(87) International Publication No	:WO 2012/008777	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)YOUNG HAN NAM</b>
(62) Divisional to Application Number	:NA	<b>2)JIANZHONG ZHANG</b>
Filing Date	:NA	

(57) Abstract :

A base station includes a transmit path circuitry that determines a PUCCH format 3 index and transmits an uplink grant to a subscriber station, the uplink grant including an indication of the PUCCH format 3 index. The base station also includes a receive path circuitry that receives a PUCCH format 3 signal in a subframe from the subscriber station. The receive path circuitry also receives a first demodulation reference signal for the PUCCH format 3 signal in the first slot of the subframe, where the first demodulation reference signal is determined based at least partly upon a first demodulation reference signal cyclic shift number. The receive path circuitry also receives a second demodulation reference signal for the PUCCH format 3 signal in the second slot of the subframe, where the second demodulation reference signal is determined based at least partly upon a second demodulation reference signal cyclic shift number.

No. of Pages : 58 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2012

(21) Application No.3603/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : SHAFT-DRIVEN GENERATOR SYSTEM

(51) International classification	:H02M5/458,H02M7/483	(71) <b>Name of Applicant :</b> <b>1)SIEMENS AKTIENGESELLSCHAFT</b> Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MÜNCHEN, Germany
(31) Priority Document No	:10 2010 023 019.7	
(32) Priority Date	:08/06/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/056892	
Filing Date	:02/05/2011	
(87) International Publication No	:WO 2011/154196	
(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 shaft-driven generator system having a shaft-driven generator (18). According to the invention, a voltage source inverter (42) having a network-side inductance is provided, wherein said voltage source inverter (42) has a converter (44, 46) on the generator side and on the network side, which are linked to each other on the direct-voltage side, and wherein the converter (46) on the network side has at least two phase modules, which each have an upper and a lower valve branch (P1, N1, P2, N2, P3, N3), which each have a plurality of two-pole sub-systems (SM1,..., SMn) connected electrically in series, which sub-systems each have a unipolar storage capacitor (CSM), to which a series circuit of two semiconductor switches (S1, S2) that can be switched off is connected electrically in parallel, each semiconductor switch having a diode (D1, D2) connected antiparallel. Thus, a shaft-driven generator system is obtained that has a voltage source inverter (42) as a static frequency converter. By means of the voltage source inverter, the required effects on the network can be complied with and transient operating states controlled.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2012

(21) Application No.3604/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ARRANGEMENT OF A MOUNTING SECURED TO THE INSIDE OF A RIM WELL OF A WHEEL RIM

(51) International classification	:B60C29/02,B60C29/06	(71)Name of Applicant :
(31) Priority Document No	:10 2010 020 948.1	1)KNORR-BREMSE SYSTEME FÜR
(32) Priority Date	:19/05/2010	NUTZFAHRZEUGE GMBH
(33) Name of priority country	:Germany	Address of Applicant :MOOSACHER STR. 80, 80809
(86) International Application No	:PCT/EP2011/057952	MÜNCHEN, Germany
Filing Date	:17/05/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/144600	1)PAHLE WOLFGANG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An arrangement of a mounting (4) secured to the inside of a rim well (2) of a wheel rim (1) for a tyre-inflating valve (3) which extends substantially axially, the rim well (2) having, in a region which is at least partially covered by the tyre-inflating valve (3), a slot (11) which penetrates the wall, is designed such that the mounting (4) is held in a positively engaged manner on the rim well (2).

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3605/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR FORMING REINFORCED PULTRUDED PROFILES

(51) International classification	:B29C70/08
(31) Priority Document No	:61/357,289
(32) Priority Date	:22/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/041433
Filing Date	:22/06/2011
(87) International Publication No	:WO 2011/163349
(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)TICONA LLC

Address of Applicant :8040 DIXIE HIGHWAY  
FLORENCE, KENTUCKY 41042, U.S.A.

(72)Name of Inventor :

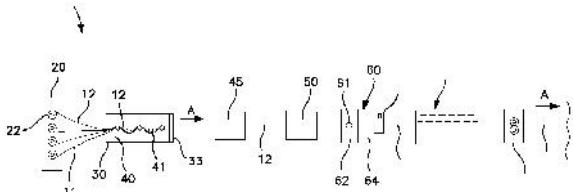
1)SHERRI M. NELSON

2)DAVID W. EASTEP

3)TIMOTHY A. REGAN

(57) Abstract :

A method and apparatus for forming a profile that contains at least one layer of continuous fibers and at least one layer of discontinuous fibers are provided. Various features of the method are selectively controlled to achieve a profile that has increased transverse strength and flexural modulus. For example, the layer of continuous fibers is formed from one or more continuous fiber reinforced ribbons (CFRT) that contain fibers embedded within a thermoplastic polymer matrix. The fibers are embedded within the matrix by a process that minimizes void fraction and in turn, optimizes flexural modulus. Further, the ribbon(s) are consolidated so that the continuous fibers remain fixed in alignment in a substantially longitudinal direction (e.g., the direction of pultrusion). In addition to enhancing the tensile properties of the profile, the use of such ribbons also allows the continuous fiber material to be more readily manipulated and placed into the desired position within the pultrusion die. The discontinuous fibers are also embedded within a thermoplastic matrix. Among other things, this may assist in bonding of the layers so that an adhesive is not required to achieve the desired strength. Also, rather being oriented in the longitudinal direction, at least a portion of the fibers are oriented in the transverse direction to provide increased transverse strength.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2012

(21) Application No.3608/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR PRODUCING HIGH MOLECULAR WEIGHT POLYETHYLENE

(51) International classification :C08F110/02,C08F4/64,C08F2/00  
(31) Priority Document No :61/361,674  
(32) Priority Date :06/07/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2011/002274  
Filing Date :01/07/2011  
(87) International Publication No :WO 2012/004676  
  
(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)TICONA GMBH

Address of Applicant :PROFESSOR-STAUDINGER-STR.,  
65444 KELSTERBACH, Germany

(72)Name of Inventor :

1)ROBERT, DOMINIQUE

2)HUFEN, JULIA

3)LÜDTKE, KERSTIN

4)EHLERS, JENS

(57) Abstract :

In a process for producing polyethylene having a molecular weight of at least 3 x 105 g/mol as determined by ASTM 4020, ethylene is contacted under polymerization conditions with a slurry of a catalyst composition in at least one hydrocarbon. The catalyst composition comprises a Group 4 metal complex of a phenolate ether ligand and the slurry includes from about 5 to less than 40 ppm per liter of a compound effective to increase the conductivity of said at least one hydrocarbon.

No. of Pages : 44 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2012

(21) Application No.3609/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PROCESS FOR PRODUCING HIGH MOLECULAR WEIGHT POLYETHYLENE

(51) International classification	:C08F110/02,C08F4/64,C08F4/659
(31) Priority Document No	:61/361,703
(32) Priority Date	:06/07/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/002283
Filing Date	:01/07/2011
(87) International Publication No	:WO 2012/004680
(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)TICONA GMBH

Address of Applicant :PROFESSOR-STAUDINGER-STR.,  
65444 KELSTERBACH, Germany

(72)Name of Inventor :

- 1)ROBERT, DOMINIQUE
- 2)HUFEN, JULIA
- 3)LUDTKE, KERSTIN
- 4)RINKER, BJORN
- 5)EHLERS, JENS

(57) Abstract :

In a process for producing high molecular weight polyethylene, ethylene is contacted with a slurry of a catalyst composition comprising a Group 4 metal complex of a phenolate ether ligand under polymerization conditions comprising a temperature of about 20 °C to less than 90 °C and a pressure of about 4 bar to about 40 bar.

No. of Pages : 46 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2012

(21) Application No.3610/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : HIGH MOLECULAR WEIGHT POLYETHYLENE FIBERS AND MEMBRANES, THEIR PRODUCTION AND USE

(51) International classification :D01F6/04,C08F4/64,C08F110/02  
(31) Priority Document No :61/361,711  
(32) Priority Date :06/07/2010  
(33) Name of priority country :U.S.A.  
(86) International Application No :PCT/IB2011/002218  
Filing Date :01/07/2011  
(87) International Publication No :WO 2012/004674  
(61) Patent of Addition to Application Number :NA  
Application Number :NA  
Filing Date :  
(62) Divisional to Application Number :NA  
Number :NA  
Filing Date :NA

(71)Name of Applicant :

1)TICONA GMBH

Address of Applicant :PROFESSOR-STAUDINGER-STR.,  
65444 KELSTERBACH, Germany

(72)Name of Inventor :

1)ROBERT, DOMINIQUE

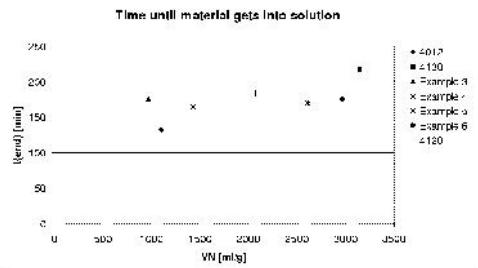
2)HUFEN, JULIA

3)LÜDTKE, KERSTIN

4)EHLERS, JENS

(57) Abstract :

In a process for producing an elongated polyethylene component, such as a fiber or membrane polyethylene powder having a molecular weight of at least  $3 \times 10^6$  g/mol as determined by ASTM 4020 is dissolved in a solvent to produce an extrudable solution. The solution is then extruded through a die to form an elongated component and at least part of said solvent is removed from the elongated component. The polyethylene powder used in the process is produced by polymerizing ethylene in the presence of a catalyst composition comprising a Group 4 metal complex of a phenolate ether ligand.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3611/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/11/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : FOIL EMBOSSED DEVICE

(51) International classification	:B31F1/07
(31) Priority Document No	:10166793.9
(32) Priority Date	:22/06/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/060047
Filing Date	:16/06/2011
(87) International Publication No	:WO 2011/161002
(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)BOEGLI-GRAVURES SA**

Address of Applicant :RUE DE LA GARE 24-26, CH-2074  
MARIN-EPAGNIER Switzerland

(72)Name of Inventor :

**1)BOEGLI, CHARLES**

(57) Abstract :

The foil embossing device (1) comprises an embossing roller (2L) and two counter-rollers (3, 4), one of the rollers (2L) being driven by a drive (6) and the rollers having a configuration where the teeth, rings, or ridges project from the base cylinder, at least the embossing roller (2L) having teeth (5, 5B) that project from the base cylinder and at least partly also serve for driving the counter-roller. To increase the uniformity of the embossing of the foil, the embossing roller (2L) has a diameter (D2) that is reduced by 0.02 to 0.20 mm over a certain length (Sd) that is at least the same as the width (7d) of the foil. The length of the reduced diameter is preferably chosen so as to exceed the width (7d) of the foil being printed. Due to this depression (S), such a device allows a perfectly uniform embossing of foils of any kind independently of the design of the embossing rollers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3613/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : INFORMATION PROCESSING DEVICE, PROGRAM INSTALLATION SUPPORT METHOD, AND COMPUTER-READABLE RECORDING MEDIUM

(51) International classification	:G06F9/445	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-127686	<b>1) RICOH COMPANY, LTD.</b>
(32) Priority Date	:03/06/2010	Address of Applicant :3-6, NAKAMAGOME 1-CHOME, OHTA-KU, TOKYO, 1438555 JAPAN
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/JP2011/063189	<b>1) ITO, TATSUO</b>
Filing Date	:02/06/2011	
(87) International Publication No	:WO 2011/152561	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An information processing device performs communications via a network with a management device storing dependency information indicating a dependency relationship between programs. The information processing device includes a sending unit that sends, to the management device, identification information of a program to be downloaded; a receiving unit that receives, from the management device, install possibility information indicating whether the program to be downloaded can be installed in the information processing device, the install possibility information being determined based on the dependency information; and a display control unit that causes a display unit to display a screen page indicating whether the program to be downloaded can be installed in the information processing device based on the install possibility information, before downloading the program to be downloaded.

No. of Pages : 149 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3614/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : KETOREDUCTASE MUTANT

(51) International classification :C12N15/09,C12N1/15,C12N1/19  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :PCT/JP2010/058631  
Filing Date :21/05/2010  
(87) International Publication No :WO 2011/145211  
  
(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)MEIJI SEIKA PHARMA CO., LTD.

Address of Applicant :4-16, KYOBASHI 2-CHOME,  
CHUO-KU, TOKYO 1048002 JAPAN

(72)Name of Inventor :

1)MAZUKA FUSUKE

2)FUKUSHIMA TAKAYOSHI

3)SUMIDA NAOMI

4)YANAI KOJI

(57) Abstract :

Disclosed are: a ketoreductase mutant which can be used for the efficient production of a daunorubicin derivative; DNA which encodes the mutant; a transformant which has the DNA introduced therein and therefore can produce a daunorubicin derivative; and a process for producing a daunorubicin derivative using the transformant. The ketoreductase mutant comprises an amino acid sequence produced by substituting at least one amino acid residue selected from the group consisting of amino acid residues located at positions corresponding to 42nd, 149th, 153rd, 270th and 306th amino acid residues in the amino acid sequence for a ketoreductase (EvaE) from a chloroeremomycin -producing bacterium (*Amycolatopsis orientalis*) by another amino acid residue.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2012

(21) Application No.3615/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ORGANIC SEMICONDUCTORS

(51) International classification	:H01L51/00,H01L51/05	(71) <b>Name of Applicant :</b> <b>1)CAMBRIDGE DISPLAY TECHNOLOGY LIMITED</b> Address of Applicant :BUILDING 2020, CAMBOURNE BUSINESS PARK, CAMBRIDGESHIRE CB23 6DW U.K.
(31) Priority Document No	:1006832.8	
(32) Priority Date	:23/04/2010	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/GB2011/000613	(72) <b>Name of Inventor :</b>
Filing Date	:20/04/2011	<b>1)ZUBERI, SHEENA</b>
(87) International Publication No	:WO 2011/131936	<b>2)ZUBERI, TANIA</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A semiconducting compound with the structure (I), where X1 and X2 are independently S, Se, SiR1R2, O, CR3R4, C2R5R6, N, NR7, where R1 to R7 independently comprise hydrogen, straight, branched or cyclic alkyl, alkenyl or alkynyl groups, alkoxy, aryl, silyl or amino; where each of Ar1 to Ar4 is optional and independently comprises, if present, an aryl or heteroaryl group; and where Y1 to Y4 independently comprise hydrogen, reactive groups, optionally substituted straight, branched or cyclic alkyl, alkoxy, alkenyl, alkynyl, amido or amino groups, optionally substituted aryl or heteroaryl where at least one of Y1 to Y4 does not comprise hydrogen; and methods and devices related thereto.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3617/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/11/2012

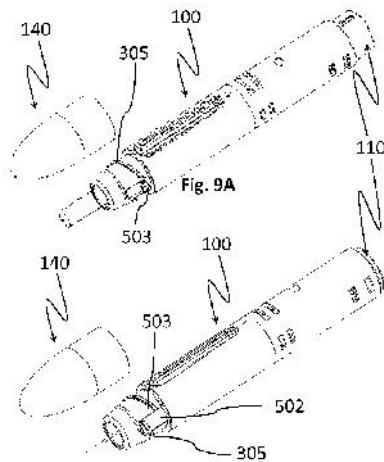
(43) Publication Date : 14/06/2013

(54) Title of the invention : MEDICAMENT DELIVERY DEVICE

(51) International classification	:A61M5/32,A61M5/20	(71)Name of Applicant :
(31) Priority Document No	:1050500-6	1)SHL GROUP AB
(32) Priority Date	:20/05/2010	Address of Applicant :IP DEPARTMENT, BOX 1240,
(33) Name of priority country	:Sweden	AUGUSTENDALSVÄGEN 19, S-131-28 NACKA STRAND
(86) International Application No	:PCT/SE2011/050581	Sweden
Filing Date	:09/05/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/145999	1)HOLMQVIST, ANDERS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a medicament delivery device (100) that is reliable, safe and intuitive to use and at the same time is easy to use when handling. This is achieved by a medicament delivery device (100) comprising a tubular housing (120, 130) having a proximal end (308) and an opposite distal end (309), an actuator member (110) being coaxially arranged at the distal end (309) of the tubular housing (120, 130) and movably arranged in relation to the tubular housing (120, 130) and a cap (140) being releasably connected to the proximal end (308) of the tubular housing (120, 130) wherein the medicament device (100) further comprises a longitudinal actuator interlocking member (150) movably arranged within the tubular housing (120, 130) and interactively connected to both the actuator member (110) and to the cap (140) for controlling movement of the actuator member (110). Thus the cap (140) acts as a device enabler, i.e. it is impossible to actuate the medicament delivery device (100) until the cap (140) has been removed.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2012

(21) Application No.3618/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD OF PRODUCING A NONWOVEN TEXTILE COMPRISING A BARRIER AND AN ANTISTATIC TREATMENT

(51) International classification	:D04H3/00,D01F1/09	(71) <b>Name of Applicant :</b> <b>1)PEGAS NONWOVENS S.R.O.</b> Address of Applicant :PRIMETICKA 3623/86, ZNOJMO 66904 CZECH REPUBLIC
(31) Priority Document No	:PV 2010-312	
(32) Priority Date	:23/04/2010	
(33) Name of priority country	:Czech Republic	
(86) International Application No	:PCT/CZ2011/000037	(72) <b>Name of Inventor :</b>
Filing Date	:18/04/2011	<b>1)KLASKA, FRANTISEK</b>
(87) International Publication No	:WO 2011/131156	<b>2)MECL, ZDENEK</b>
(61) Patent of Addition to Application Number	:NA	<b>3)TVARUZKOVA, KATERINA</b>
Filing Date	:NA	<b>4)KASPARKOVA, PAVLINA</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of producing nonwoven textile by a spunmelt process of a polymer, the basis of which is at least one polyolefin, comprising a barrier and antistatic treatment, especially for protective garments for industry and health care. A polyolefin polymer which is suitable for forming fibres is mixed with a first additive capable of modifying a surface property and capable of migration through the polymer, then the mixture is used for producing at least one layer of the nonwoven textile by a spunmelt process, and prior to the termination of the migration of the first additive and to the stabilizing of the final barrier properties on the surface of the fibers a second additive is applied to the layer, the second additive being capable of modifying the antistatic property of the material, and then the nonwoven textile is exposed to a temperature and relative humidity conditions for a time period such that the first additive migrates towards the surface and the second additive undergoes changes on said surface.

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/11/2012

(21) Application No.3619/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : FORMULATION COMPRISING NICOTINE AND A CATION EXCHANGE RESIN

(51) International classification	:A61K9/08,A61K31/465,A61K9/00	(71) <b>Name of Applicant :</b> <b>1)FERTIN PHARMA A/S</b> Address of Applicant :DANDYVEJ 19, DK-7100 VEJLE DENMARK
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b> <b>1)ANDERSEN, CARSTEN</b>
(86) International Application No	:PCT/EP2010/057561	
Filing Date	:31/05/2010	
(87) International Publication No	:WO 2011/150960	
(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 of producing a nicotine delivery product comprising: (a) preparing a first mixture comprising nicotine, a cation exchange resin and water by mixing the constituent components of the first mixture; (b) optionally removing up to 85 wt. % of the water contained in the first mixture to form a second mixture; and (c) combining a mixture selected from the first and second mixtures with further components to produce a nicotine delivery product.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3621/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :20/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : RUBBER COMPOSITION AND PNEUMATIC TIRE

(51) International classification	:C08L21/00,B60C1/00,C08F236/04	(71)Name of Applicant : <b>1)SUMITOMO RUBBER INDUSTRIES, LTD.</b> Address of Applicant :6-9, WAKINOHAMA-CHO 3-CHOME, CHUO-KU, KOBE-SHI, HYOGO 6510072 JAPAN
(31) Priority Document No	:2010-166246	(72)Name of Inventor :
(32) Priority Date	:23/07/2010	<b>1)HINOHARA YUKO</b>
(33) Name of priority country	:Japan	<b>2)NISHIOKA KAZUYUKI</b>
(86) International Application No	:PCT/JP2011/066703	<b>3)MABUCHI TAKAHIRO</b>
Filing Date	:22/07/2011	
(87) International Publication No	:WO 2012/011569	
(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 rubber composition that achieves a well-balanced improvement in fuel economy, wet-grip performance, and abrasion resistance, and a pneumatic tire formed from the rubber composition. The present invention relates to a rubber composition, including a rubber component and silica, wherein the rubber component contains not less than 5% by mass of a conjugated diene polymer, based on 100% by mass of the rubber component, the conjugated diene polymer containing a constituent unit derived from a conjugated diene and a constituent unit represented by the following formula (I): at least one terminal of the conjugated diene polymer being modified by a compound containing a group represented by the following formula (II); and wherein the silica is contained in an amount of 5 to 150 parts by mass per 100 parts by mass of the rubber component.



No. of Pages : 85 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3623/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : ULTRA HIGH STRENGTH COLD ROLLED STEEL SHEET HAVING EXCELLENT DUCTILITY AND DELAYED FRACTURE RESISTANCE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :C22C38/00,B21B3/00,C21D9/46  
(31) Priority Document No :2010-148531  
(32) Priority Date :30/06/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/065135  
Filing Date :24/06/2011  
(87) International Publication No :WO 2012/002520  
(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)JFE STEEL CORPORATION

Address of Applicant :2-3, UCHISAIWAI-CHO 2-CHOME,  
CHIYODA-KU, TOKYO 100-0011 JAPAN

(72)Name of Inventor :

1)MASATAKA YOSHINO

2)KOHEI HASEGAWA

(57) Abstract :

Provided is an ultra-high-strength cold-rolled steel sheet having excellent delayed fracture resistance and a tensile strength of 1320 MPa or more and a method for manufacturing the same. The ultra-high-strength cold-rolled steel sheet has a steel composition that does not excessively contain a transition metal element, such as V or Mo, causing a significant increase in allowing cost or Al, which may possibly cause casting defects. An ultra-high-strength cold-rolled steel sheet with excellent ductility and delayed fracture resistance contains 0.15% to 0.25% C, 1.0% to 3.0% Si, 1.5% to 2.5% Mn, 0.05% or less P, 0.02% or less S, 0.01% to 0.05% Al, and less than 0.005% N on a mass ratio, the remainder being Fe and unavoidable impurities, and has a metal microstructure containing 40% to 85% of a tempered martensite phase and 15% to 60% of a ferrite phase on a volume fraction basis and a tensile strength of 1320 MPa or more.

No. of Pages : 42 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3624/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : DEVICE AND METHOD FOR STORING PRODUCTS

(51) International classification	:B01F 5/10,B01F 3/08	(71) <b>Name of Applicant :</b> <b>1)SIG TECHNOLOGY AG</b> Address of Applicant :LAUFENGASSE 18 CH-8212 NEUHAUSEN AM RHEINFALL SWITZERLAND
(31) Priority Document No	:102010023832.5	(72) <b>Name of Inventor :</b>
(32) Priority Date	:10/06/2010	<b>1)SPELTEN, FRANZ-WILLI</b>
(33) Name of priority country	:Germany	<b>2)KLUTH, BERND</b>
(86) International Application No	:PCT/DE2011/001054	
Filing Date	:05/05/2011	
(87) International Publication No	:WO 2011/153982	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method and the device are used to store a product inside a receptacle. The product consists of a first liquid component and at least a second component. Inside the receptacle, the product is circulated by a conveying apparatus which is positioned in the region of a tubular guide element arranged inside a., receptacle. At least one component of the product fed to the receptacle flows first into an internal space of the guide element.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3625/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : DEVICE AND METHOD FOR FILLING PRODUCTS

(51) International classification	:B65B3/30,B65B39/00,B65B37/20
(31) Priority Document No	:10 2010 023 831.7
(32) Priority Date	:10/06/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2011/001055
Filing Date	:05/05/2011
(87) International Publication No	:WO 2011/153983
(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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NEUHAUSEN AM RHEINFALL Switzerland

(72)Name of Inventor :

1)HEEP FRANK

2)STEINFELDT RALF

3)HORTMANNS JOHANNES

(57) Abstract :

The method and the device are used to fill a container with a product. The product consists of a first liquid component and at least a second component. The product is fed to the container to be filled via at least one filling pipe and at least one filling valve. The filling pipe is divided between the receptacle and the filling valve into pipe sections by at least one throttle valve. The pipe section between the filling valve and a throttle valve arranged adjacent to the filling valve is dimensioned in such a way that the internal volume of this part of the filling pipe essentially corresponds to a filling volume of a container to be filled.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3068/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR RECOVERING VALUABLE METALS

(51) International classification	:B03D1/02,C22B7/00,C22B11/00
(31) Priority Document No	:20100184
(32) Priority Date	:30/04/2010
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2011/050385 :28/04/2011 Filing Date
(87) International Publication No	:WO 2011/135184
(61) Patent of Addition to Application Number	:NA :NA Filing Date
(62) Divisional to Application Number	:NA :NA Filing Date

(71)Name of Applicant :

1)OUTOTEC OYJ

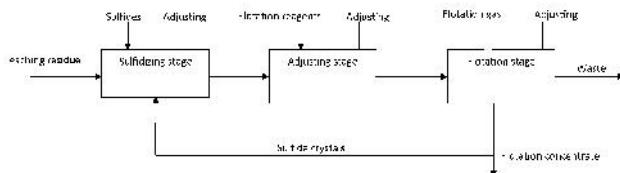
Address of Applicant :Riihitontuntie 7, FI-02200 Espoo FINLAND

(72)Name of Inventor :

1)LEPPINEN, Jaakko

(57) Abstract :

A method for recovering valuable metals, such as lead, silver and gold from the residue of an electrolytic zinc process, wherein the residue from the zinc process is suspended and sulfidized for converting the lead and silver compounds into sulfidic form, and further floated for forming a flotation concentrate that contains valuable metals, wherein the sulfidizing and flotation processes are controlled electrochemically, so that the content of the sulfide ions fed in the sulfidizing stage is adjusted by means of the redox potential to a level where the grain size of the created valuable metal sulfides is sufficient for floatating them, and that the redox potential of the flotation stage is adjusted to be within a range where the collector chemical is adhered to the mineral to be floatated, but the sulfides are not oxidized.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3070/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : ENERGY CHASSIS AND ENERGY EXCHANGE DEVICE

(51) International classification	:G05B13/00
(31) Priority Document No	:61/331,525
(32) Priority Date	:05/05/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/035395
Filing Date	:05/05/2011
(87) International Publication No	:WO 2011/140369
(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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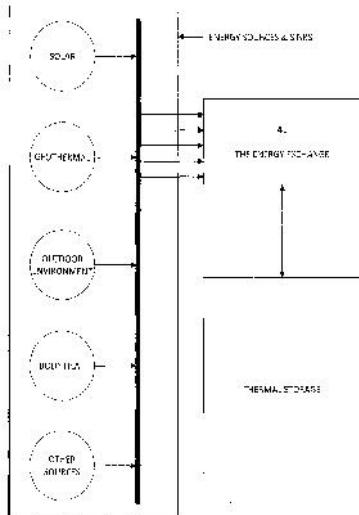
(72)Name of Inventor :

1)HAMSTRA, Stephen, A.

2)LINN, Michael, W.

(57) Abstract :

Systems, methods and devices for utilizing an energy chassis device designed to sense, collect, store and distribute energy from where it is available using devices that harvest or convert energy to locations requiring energy such as but not limited to HVAC(heating, ventilation and cooling) systems. The systems, methods and devices can also be used with a next generation geothermal heat exchanger that achieves higher energy harvesting efficiency and provides greater functionality than current geothermal exchangers.



No. of Pages : 70 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3630/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : MOBILE STATION ,WIRELESS BASE STATION, AND COMMUNICATIONS CONTROL METHOD

(51) International classification	:H04W72/12,H04J1/00,H04W72/04
(31) Priority Document No	:2010118834
(32) Priority Date	:24/05/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/060607
Filing Date	:06/05/2011
(87) International Publication No	:WO 2011/148770
(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.

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(72)Name of Inventor :

1)ISHII HIROYUKI

2)IWAMURA MIKIO

3)UMESH ANIL

(57) Abstract :

A mobile station UE of the present invention is a mobile station that communicates with a radio base station using equal to or greater than two carriers, wherein the equal to or greater than two carriers include a first carrier and a second carrier, the mobile station including: a first communicating unit configured to perform communication with the first carrier; and a second carrier measuring unit configured to perform measurement of the second carrier, wherein, in a case where a measurement gap for measuring the second carrier is set, the first communicating unit is configured to perform communication with the first carrier without considering the measurement gap when the second carrier is activated, and not to perform communication with the first carrier in the measurement gap when the second carrier is not activated.

No. of Pages : 85 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3631/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : IMPROVED APPARATUS FOR TRANSFERRING TORQUE MAGNETICALLY

(51) International classification	:H02K49/00
(31) Priority Document No	:12/785,414
(32) Priority Date	:21/05/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/037441
Filing Date	:20/05/2011
(87) International Publication No	:WO 2011/146893
(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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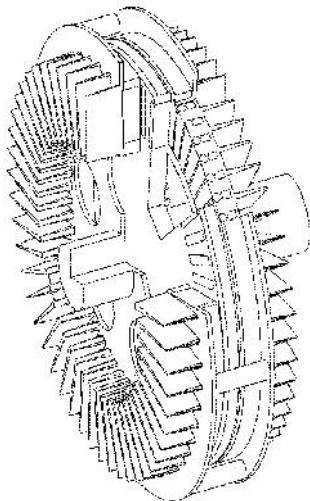
(72)Name of Inventor :

**1)CORBIN, PHILIP, III**

**2)BRAUN, RICHARD, PETER**

(57) Abstract :

An apparatus for transferring torque magnetically with a primary rotary member and a secondary rotary member, wherein said rotary members are disc shaped and are sandwiched between one another. The primary rotary member has permanent magnets mounted radially on a disc, the secondary rotary member having disc geometry with electro conductive material arranged on it. The secondary rotary member also having magnetically permeable material. The new improvements herein have modified the earlier cylindrical design to that of a an alternative disk - plate / shape design utilizing the similar magnetic circuit that which overcomes some deficiencies/problems in the prior art, in that the prior art required more precision alignment of the electro-conductive rotor inside the magnetic can array and requires additional strength in the foundations of the machinery in order to maintain the air gap between the magnet can and the rotor assembly.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3632/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : CONTAINER FROM FIBRE BASED BOARD AND A METHOD FOR PRODUCING SUCH A CONTAINER

(51) International classification	:B65D3/06,B65D65/40,B32B27/10
(31) Priority Document No	:1050510-5
(32) Priority Date	:21/05/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/IB2011/052199
Filing Date	:19/05/2011
(87) International Publication No	:WO 2011/145073
(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)HEISKANEN, ISTO

2)RÄISÄNEN, TIMO

3)RÄSÄNEN, JARI

4)LAMMI, TITTA

(57) Abstract :

The present invention relates to a container made from fiber based board wherein the container comprises a sleeve and a bottom, said bottom comprises polymer coated board, at least one side of said sleeve is uncoated and the sleeve is formed by sealing two edges of the sleeve together along a side seam. The invention further relates to a method for producing said container.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3633/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD AND APPARATUS FOR REAL TIME MULTIPLEXING WITH TRANSMITTER AND ANTENNA ARRAY ELEMENTS

(51) International classification	:H04W4/00
(31) Priority Document No	:61/352,203
(32) Priority Date	:07/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/039446
Filing Date	:07/06/2011
(87) International Publication No	:WO 2011/156375
(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)PETROVIC, BRANISLAV

(57) Abstract :

A method of signal processing, or corresponding apparatus, includes providing digital input signals representing beamforming data to be transmitted on respective antennas. One of the digital input signals is selected at a time among a plurality of times, to cycle through the digital input signals repeatedly and provide a multiplexed digital signal, which is converted to a multiplexed analog signal. The multiplexed analog signal is filtered to pass a predetermined frequency band and demultiplexed to provide analog output signals. One of the analog output signals is selected and provided to a corresponding antenna for transmission. Sharing a transmitter and DAC among multiple antennas results in reduced cost and power. Such cost and power reductions in turn enable larger antenna arrays than are available with prior art techniques, thereby promoting increased throughput and coverage.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3634/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : POLISHING DEVICE FOR COLUMNAR MEMBER AND POLISHING METHOD THEREFOR

(51) International classification	:B24B5/04,B24B5/37,B24B5/50
(31) Priority Document No	:2010-195445
(32) Priority Date	:01/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/067915
Filing Date	:13/10/2010
(87) International Publication No	:WO 2012/029194
(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)TANAHASHI, SHIGERU

2)NODA, YASUO

(57) Abstract :

An inexpensive polishing apparatus is provided that has a high polishing performance for removing minute cracks that exist in a surface layer of a cylindrical shape consisting of a crustaceous material. It has a polishing performance for finely removing surface irregularities to lower a surface roughness of the surface layer. A polishing method thereof is also provided. The polishing apparatus comprises the following: (1) a clamping device that is connected to a rotary device for the workpiece and pinches both ends of the workpiece, (2) a polishing device that rotates while a tip of the polishing device contacts the outer surface of the workpiece; (3) a transporting device for moving the workpiece, relatively to the polishing device, in a longitudinal direction orthogonal to an approximately circular cross-section of the workpiece; (4) a height detecting device for detecting the heights of the positions of a final polished product and the workpiece before being polished; (5) a control means for controlling the polishing process based on a result obtained by a calculation of the heights of the positions and the processing conditions input into the control means, wherein the calculation is selected from (a) a calculation to calculate a difference between the height of the final polished product and the height of the workpiece before being polished, (b) a calculation to calculate another processing condition from the input processing conditions, or (c) a combination of (a) and (b).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3636/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : FLUORESCENT DYE MATERIAL AND USE THEREOF

(51) International classification	:C09B57/10,A61K31/136,A61P35/00
(31) Priority Document No	:2010-126021
(32) Priority Date	:01/06/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/002651
Filing Date	:12/05/2011
(87) International Publication No	:WO 2011/151978
(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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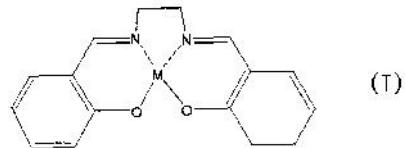
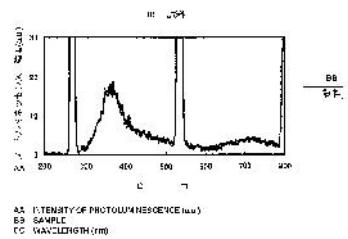
(72)Name of Inventor :

1)ISHIKAWA, YOSHIHIRO

2)EGUCHI, HARUKI

(57) Abstract :

It is an object of the present invention to extend the usefulness of an iron-salen complex. The present invention is a new fluorochrome material containing Chemical Formula (I) below. However, M is Fe, Cr, Mn, Co, Ni, Mo, Ru, Rh, Pd, W, Re, Os, Ir, Pt,Nd, Sm, Eu, orGd. Chemical Formula (I) N,N-Bis(salicylidene)ethylenediamine metal.



No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3637/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYSTEM, SERVER, AND TERMINAL DEVICE AND METHOD

(51) International classification	:H04N7/173	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:2010-145546	<b>1)NTT DOCOMO, INC.</b>
(32) Priority Date	:25/06/2010	Address of Applicant :11-1, NAGATACHO 2-CHOME, CHIYODA-KU, TOKYO 1006150 JAPAN
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/JP2011/061766	<b>1)ISHII, KOJI</b>
Filing Date	:23/05/2011	<b>2)SASAO, NABUAKI</b>
(87) International Publication No	:WO 2011/162061	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system includes a broadcast server that performs a charging process for a program of digital broadcasting and a terminal apparatus that receives the program. The terminal apparatus includes a reception condition measuring unit measuring a reception condition of the program, a reception condition reporting unit reporting the reception condition, and a receiving unit receiving, from the broadcast server, information for viewing file-based content of the program to be delivered from a broadcasting apparatus. The broadcast server includes a reception condition determining unit determining whether it is necessary to make the program viewable based on the reception condition of the program reported by the terminal apparatus, a view permission information generating unit generating the information for viewing the file-based content of the program when it is necessary to make the program viewable, and a transmitting unit sending the information for viewing the file-based content of the program.

No. of Pages : 76 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3638/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012

(43) Publication Date : 14/06/2013

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(54) Title of the invention : ACTIVE INGREDIENT DELIVERY SYSTEM

(51) International classification	:A23L1/22
(31) Priority Document No	:61/359615
(32) Priority Date	:29/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2011/052292
Filing Date	:26/05/2011
(87) International Publication No	:WO 2012/001547
(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)GREGSON CHRISTOPHER M.

2)SILLLICK MATTHEW P.

(57) Abstract :

A delivery system in the form of a solid dispersion comprises (i) a carrier material consisting essentially of a crystalline matrix material, such as erythritol or mannitol and (ii) a solid active ingredient having the structure: (Compound I) or salts thereof wherein the solid active ingredient (ii) is dispersed throughout a matrix of the carrier material (i).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3641/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : SUCTION CONNECTION FOR CONNECTING A SUCTION PIPE TO A DRY INSTALLED CENTRIFUGAL PUMP

(51) International classification	:E03F5/22,F04D29/42
(31) Priority Document No	:1050590-7
(32) Priority Date	:09/06/2010
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2011/050700
Filing Date	:08/06/2011
(87) International Publication No	:WO 2011/155894
(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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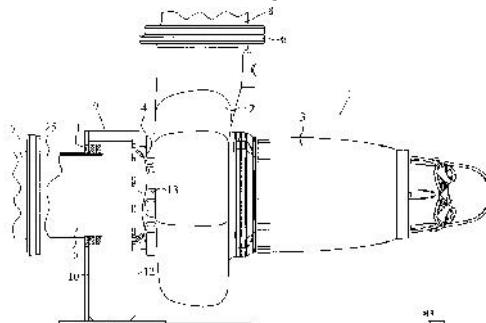
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(72)Name of Inventor :

1)SÖDERG...RD, BENGT

(57) Abstract :

The invention relates to a suction connection comprising a first flange (10) that includes a centrally located through hole (11) and is arranged to be connected to an outlet of a suction pipe and a second flange (12) that includes a centrally located through hole (13) and that is arranged to be connected to an inlet of a dry installed centrifugal pump. According to the invention the suction connection comprises a first pipe socket (15) which is displaceable in the axial direction between an operative position in which said first pipe socket (15) disengageably connects the first flange (10) and the second flange (12) and thereby puts the through hole (11) of the first flange (10) in fluid communication with the through hole (13) of the second flange (12) and a service position in which said first pipe socket (15) is located at a distance from the second flange (12) and thereby admit access to the through hole (13) of the second flange (12).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3643/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : UNDERFLOOR WHEELSET LATHE

(51) International classification	:B23B5/32	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:20 2010 007 239.5	<b>1)HEGENSCHEIDT-MFD GMBH &amp; CO. KG</b> Address of Applicant :HEGENSCHEIDT PLATZ 41812 ERKELENZ Germany
(32) Priority Date	:24/05/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/DE2011/001092	(72) <b>Name of Inventor :</b>
Filing Date	:20/05/2011	<b>1)REICHE HANS-JOACHIM</b>
(87) International Publication No	:WO 2011/147406	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the lift drive for the drive rollers (1,1) in an underfloor wheelset lathe. The two drive rollers (1,1) each forming a roller pair are positively connected to one another. The positive connection comprises two toothed racks (17,17) which engage in a joint pinion (23), whereby the toothed racks (17,17) are flexibly connected to both a power cylinder (25,25) and an intermediate lever (16,16) and are supported by a roller guide (26,26) on the respective side opposite to the pinion engagement (23).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3644/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : PRESSURISED GAS-INSULATED MULTI-PHASE CONTROL PANEL

(51) International classification :H02B5/06,H02B13/035  
(31) Priority Document No :10 2010 026 014.2  
(32) Priority Date :29/06/2010  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2011/059617  
Filing Date :09/06/2011  
(87) International Publication No :WO 2012/000766  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

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MÜNCHEN Germany

(72)Name of Inventor :

1)MEINHERZ MANFRED

2)MEINHERZ SASCHA

(57) Abstract :

A pressurised gas-insulated multi-phase control panel comprises a power switch module (1). The power switch module (1) is equipped with a first connection side (2) and with a second connection side (3). The first connection side (2) is connected to a busbar module (5, 6). The second connection side is connected to a lead-through module (8). The lead-through module (8) and the busbar module (5, 6) comprise multi-phase pressurised gas-insulated phase conductor sections (17a, 17b, 17c). The power switch module (1) is connected via connection modules (7, 9) to the busbar module (5, 6) or to the lead-through module (8), wherein each of the connection modules (7, 9) comprises single-phase pressurised gas-insulated phase conductor sections. The power switch module (1) likewise comprises single-phase pressurised gas-insulated phase conductor sections (4).

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3645/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : PREFORM OPENING CRYSTALLIZATION METHOD

(51) International classification :B29C49/64,B65D1/00,B65D1/02  
(31) Priority Document No :2010-122898  
(32) Priority Date :28/05/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/061712  
Filing Date :23/05/2011  
(87) International Publication No :WO 2011/148879  
(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)TSUCHIYA YOICHI

(57) Abstract :

A neck crystallization method that reduces the crystallization time while preventing a situation in which a neck is overheated, crystallizes a neck of a preform that includes the neck (101), a body (102), and a bottom (103). The neck crystallization method includes inserting a core (110) into the neck, heating the neck using a heater group disposed along a transfer direction while rotating the preform on its axis, and transferring the preform along the transfer direction in a state in which the core is inserted into the neck, and cooling the neck of the preform in a state in which the core is inserted into the neck. The heating of the neck includes a first step that drives first heaters (200-1) positioned on the upstream side in the transfer direction at a first power, and a second step that drives second heaters (200-2) positioned on the downstream side of the first heaters at a second power that is lower than the first power until the temperature of the neck reaches a crystallization temperature zone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3646/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : CONSTRUCTION MACHINE

(51) International classification :E02F9/16,B60J5/00,B62D25/08  
(31) Priority Document No :2010-132054  
(32) Priority Date :09/06/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/063066  
Filing Date :07/06/2011  
(87) International Publication No :WO 2011/155495  
Application Number :NA  
Filing Date :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)HITACHI CONSTRUCTION MACHINERY CO. LTD.

Address of Applicant :5-1,KORAKU 2-  
CHOME,BUNKYO-KU,TOKYO 112-8563 JAPAN

(72)Name of Inventor :

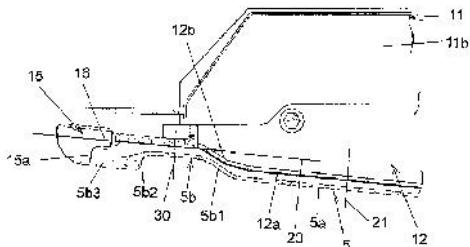
1)TANAKA TOMOYUKI

2)ISHII HAJIME

3)KIMURA SHOUGO

(57) Abstract :

Provided is a construction machine capable of securing a turning radius not larger than the vehicle width, capable of securing a good field of view for an operator seated on an operators seat, and capable of reducing the number of components. The invention provides a compact excavator including an operators cab 6 with a door 5 capable of opening and closing an opening surface 16 forming a boarding port 20, wherein: the door 5 includes one door piece, and has a flexing portion 5b which is closer to a front pillar 15 than the central portion 21 of the door 5 when the door 5 is in a closed state; and the flexing portion 5b is formed into a shape having: a first area 5b1 which is formed so that when the door 5 is in a closed state, the first area 5b1 approaches the opening surface 16 as the first area 5b1 approaches the front pillar 15; and a second area 5b2 which is arranged continuously with the first area 5b1 and nearer the front pillar 15 than the first area 5b1 and which is formed so that the second area 5b2 draws away from the opening surface 16 as the second area 5b2 approaches the front pillar 15.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3647/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR CONTROLLING A BRAKE SYSTEM OF A VEHICLE WITH AN ELECTRONICALLY REGULATED REAR-AXLE BRAKE CIRCUIT AND AN PNEUMATICALLY CONTROLLED FRONT-AXLE BRAKE CIRCUIT

(51) International classification :B60T7/20,B60T8/172,B60T8/1755  
(31) Priority Document No :102010021909.6  
(32) Priority Date :28/05/2010  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2011/058528  
Filing Date :25/05/2011  
(87) International Publication No :WO 2011/147859  
(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)KNORR-BREMSE SYSTEME FÜR  
NUTZFAHRZEUGE GMBH  
Address of Applicant :MOOSACHER STR. 80, 80809  
MÜNCHEN, Germany  
(72)Name of Inventor :  
1)HERGES MICHAEL  
2)FRANK PETER  
3)HECKER FALK

(57) Abstract :

The invention relates to a method for controlling an at least partially electronic brake system (1) actuated by a pressure medium and pertaining to a vehicle with at least two axles (VA, HA). According to the invention, the brake pressures (PVA) for wheel brakes (2) on an axle (VA) are generated in a pressure-controlled manner, and the brake pressures (PHA) for wheel brakes (4) on at least one other axle (HA) are electronically regulated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3648/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : HOUSEHOLD APPLIANCE, IN PARTICULAR A WASHING MACHINE HAVING A STATIONARY DETERGENT TANK

(51) International classification	:D06F37/20,D06F37/30	(71) <b>Name of Applicant :</b> <b>1)BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH</b> Address of Applicant :CARL-WERY-STR. 34, 81739 MÜNCHEN, Germany
(31) Priority Document No	:10 2010 030 163.9	
(32) Priority Date	:16/06/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/059328	(72) <b>Name of Inventor :</b>
Filing Date	:07/06/2011	<b>1)EGLMEIER HANS</b>
(87) International Publication No	:WO 2011/157589	<b>2)HANAU ANDREAS</b>
(61) Patent of Addition to Application Number	:NA	<b>3)WILDUNG WILFRIED</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a household appliance (6) having a rotating component(17) and a drive motor (20) for driving the component (17), said motor comprising a stator (21) having a first magnet arrangement (25) and a rotor (19) coupled to the component (17) and having a second magnet arrangement (24), and having a control device (34) for actuating the drive motor (20), wherein the rotor (19) can be rotated relative to the stator (21) about a rotary axis (S) by the interaction of the magnetic fields generated by the magnet arrangements (24, 25). According to the invention, the magnet arrangements (24, 25) are spaced apart from each other along the rotary axis (S), so that an axial gap (22) is formed between the magnet arrangements (24, 25). The control device (34) is further designed for achieving a coaxial arrangement of the rotor (19) with respect to the stator (21), such that when a distribution of the magnetic field generated by the first and/or the second magnet arrangement (24, 25) is controlled, a constant component of said magnetic field greater than zero is generated. The invention further relates to a method for operating a household appliance (6).

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3649/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SUBMICRON SIZED SILICON POWDER WITH LOW OXYGEN CONTENT

(51) International classification	:C01B33/00,C01B33/02,C01B33/027
(31) Priority Document No	:61/359,485
(32) Priority Date	:29/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/060412
Filing Date	:22/06/2011
(87) International Publication No	:WO 2012/000858
(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)UMICORE

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1)SCOYER, JEAN

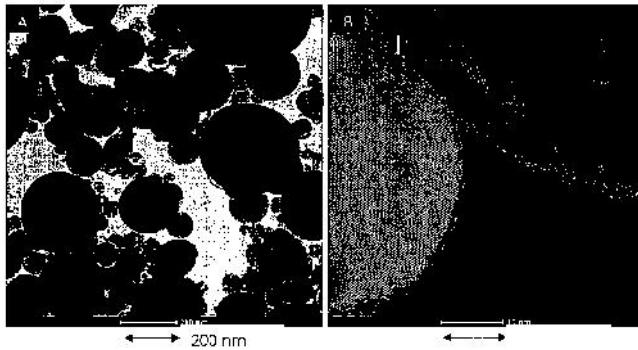
2)PUT, STIJN

3)NELIS, DANIEL

4)DRIESEN, KRIS

(57) Abstract :

A submicron sized Si based powder having an average primary particle size between 20 nm and 200 nm, wherein the powder has a surface layer comprising SiO<sub>x</sub>, with 0<x<2, the surface layer having an average thickness between 0.5 nm and 10 nm, and wherein the powder has a total oxygen content equal or less than 3% by weight at room temperature. The method for making the powder comprises a step where a Si precursor is vaporized in a gas stream at high temperature after which the gas stream is quenched to obtain Si particles, and the Si particles are quenched at low temperature in an oxygen containing gas.



No. of Pages : 14 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3650/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : PACKAGE FOR A BEVERAGE PREPARATION

(51) International classification	:B65D85/808,B65B29/02
(31) Priority Document No	:U20100206
(32) Priority Date	:23/04/2010
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2011/050336
Filing Date	:15/04/2011
(87) International Publication No	:WO 2011/131832
(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)SPOTLESS TEA BAG OY**

Address of Applicant :JÄNISLAHDENKATU 7 E 82, FI-33410 TAMPERE FINLAND

(72)Name of Inventor :

**1)KOSKINEN, MATTI**

(57) Abstract :

A package containing solid raw material for a beverage wherein the raw material is packed in a water permeable filter bag (1) and the filter bag is packed in an openable protective package (2) enclosing the bag and having a front wall (2d) and a rear wall (2e) which are connected at their both vertical edges. The protective package (2) can be opened by forming an opening between the front wall and the rear wall. Both the front wall (2d) and the rear wall (2e) end at their respective supporting edges (2a 2b) at the bottom and said supporting edges can be brought apart to form a bottom structure to keep the bag upright. At least between the supporting edges the package material forms a bottom that is liquid tight throughout.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3651/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : ROSIN-MODIFIED PHENOL RESIN ,PROCESS FOR PRODUCTION THEREOF, VARNISH FOR PRINTING INK ,AND PRINTING INK

(51) International classification	:C08G8/34,C09D11/10	(71) <b>Name of Applicant :</b> <b>1)ARAKAWA CHEMICAL INDUSTRIES, LTD.</b> Address of Applicant :3-7,HIRANOMACHI 1-CHOME,CHUO-KU,OSAKA-SHI,OSAKA 5410046 JAPAN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/JP2010/058442	(72) <b>Name of Inventor :</b>
Filing Date	:19/05/2010	<b>1)KAWASE,SHIGERU</b>
(87) International Publication No	:WO 2011/145187	<b>2)HAKATA, HIROKAZU</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A rosin-modified phenolic resin, which consists of a reaction product among (a) a rosin that contains a component derived from communic acid in an amount of 0.1 to 0.8wt%,(b)a condensation product of a phenol and formaldehyde, and (c) a polyol. The rosin-modified phenol resin makes it possible to produce a printing ink which has a good balance among ink performances such as fluidity, emulsification resistance, misting resistance, drying properties, and gloss.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3652/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : TAMARIND SEED POLYSACCHARIDE FOR USE IN THE TREATMENT OF MICROBIAL INFECTIONS

(51) International classification :A61Q19/00,A61K36/48,A61Q17/00  
(31) Priority Document No :MI2010A000933  
(32) Priority Date :24/05/2010  
(33) Name of priority country :Italy  
(86) International Application No :PCT/EP2011/058332  
Filing Date :23/05/2011  
(87) International Publication No :WO 2011/147767  
(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)INDENA S.P.A.

Address of Applicant :VIALE ORTLES,12, I-20139 MILANO ITALY

(72)Name of Inventor :

1)GIORI, ANDREA

2)MOMBELLI, Giacomo

3)TOGNI, Stefano

(57) Abstract :

The present invention relates to the use as an antimicrobial of tamarind seed polysaccharide (TSP) and to antimicrobial compositions which contain it as active ingredient. Antimicrobial compositions containing TSP are particularly useful for topical administration in the treatment and/or prevention of microbial infections of the skin and mucosa.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3653/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : TAMARIND SEED POLYSACCHARIDE FOR USE IN THE TREATMENT OF INFLAMMATORY DISEASES

(51) International classification :A61Q19/00,A61K36/48,A61Q17/00  
(31) Priority Document No :MI2010A000934  
(32) Priority Date :24/05/2010  
(33) Name of priority country :Italy  
(86) International Application No : PCT/EP2011/058334  
Filing Date :23/05/2011  
(87) International Publication No :WO 2011/147768  
(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)INDENA S.P.A.

Address of Applicant :VIALE ORTLES 12, I-20139 MILANO ITALY

(72)Name of Inventor :

1)GIORI, ANDREA

2)ARPINI,SABRINA

3)TOGNI, STEFANO

(57) Abstract :

The present invention relates to the use as an anti-inflammatory of tamarind seed polysaccharide (TSP) and to anti-inflammatory compositions which contain it as active ingredient. Anti-inflammatory compositions containing TSP are particularly useful for topical administration in the treatment of inflammatory diseases of the skin and mucosa.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3654/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR RECOVERING GOLD BY SOLVENT EXTRACTION

(51) International classification :C01G7/00,C22B11/06,C22B3/26  
(31) Priority Document No :20100243  
(32) Priority Date :09/06/2010  
(33) Name of priority country :Finland  
(86) International Application No :PCT/FI2011/050532  
Filing Date :07/06/2011  
(87) International Publication No :WO 2011/154603  
(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)OUTOTEC OYJ

Address of Applicant :RIIHITONTUNTIE 7, FI-02200  
ESPPO FINLAND

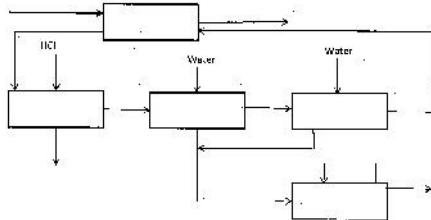
(72)Name of Inventor :

1)PAATERO ,ERKKI

2)HAAPALAINEN ,MIKA

(57) Abstract :

The invention relates to a method for recovering gold by solvent extraction from an acidic chloride containing aqueous solution or from slurry containing gold bearing solids using a diester based reagent that is poorly soluble in water as organic extraction solution. In accordance with the method, gold is extracted extremely effectively, but other precious metals and many other metals quite sparingly. Gold is stripped from the extraction phase with pure water, from which the gold can be reduced either chemically or electrochemically.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3655/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : RUBBER COMPOSITION AND PNEUMATIC TIRE

(51) International classification	:C08L15/00,B60C1/00,C08F8/42	(71)Name of Applicant : <b>1)SUMITOMO RUBBER INDUSTRIES LTD.</b> Address of Applicant :6-9, WAKINOHAMA-CHO 3-CHOME,CHUO-KU,KOBE-SHI, HYOGO 6510072 JAPAN
(31) Priority Document No	:2010-166248	(72)Name of Inventor :
(32) Priority Date	:23/07/2010	<b>1)NISHIOKA KAZUYUKI</b>
(33) Name of priority country	:Japan	<b>2)HINOHARA YUKO</b>
(86) International Application No	:PCT/JP2011/066705	<b>3)MABUCHI TAKAHIRO</b>
Filing Date	:22/07/2011	
(87) International Publication No	:WO 2012/011571	
(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 rubber composition that achieves a well-balanced improvement in fuel economy, wet-grip performance, and abrasion resistance, and a pneumatic tire formed from the rubber composition. The invention relates to a rubber composition, including a rubber component and silica, wherein the rubber component contains not less than 5% by mass of a conjugated diene polymer, based on 100% by mass of the rubber component, the conjugated diene polymer containing a constituent unit derived from a conjugated diene and a constituent unit represented by the following formula (I) : at least one terminal of the conjugated diene polymer being modified by a silicon compound containing a group represented by the following formula (II) and/or a group represented by the following formula (III) : and wherein the silica is contained in an amount of 5 to 150 parts by mass per 100 parts by mass of the rubber component.

No. of Pages : 69 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3681/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : SANITARY OUTLET INSERT

(51) International classification	:E03C1/084,B05B1/30	(71) <b>Name of Applicant :</b> <b>1)NEOPERL GMBH</b> Address of Applicant :KLOSTERRUNSSTR. 11, 79379 MÜLLHEIM Germany
(31) Priority Document No	:20 2010 007 202.6	
(32) Priority Date	:27/05/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2011/001251	
Filing Date	:14/03/2011	
(87) International Publication No	:WO 2011/147496	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sanitary outlet insert (1) which can be mounted on the water outlet of a sanitary outlet fitting, comprising a flow rate regulator (2) or a flow limiter that has an adjusting element (3) which regulates or limits the flow area in cooperation with a counter element (3). The aim of the invention is to easily adapt said outlet insert to the prevailing on-site water pressure and/or to the corresponding application in a simple manner. According to the invention, this is achieved in that the flow area of the flow rate regulator (2) or the flow limiter can be preselected or varied by an axial change of the relative position of the adjusting element (3) and the counter element (3); in that additionally a handle is provided on the outlet end face (7) of the outlet insert (1), said handle being designed as a pushbutton; and in that an adjusting movement on the handle can be converted into a relative axial movement of the adjusting element (3) and the counter element (3) by means of a pushbutton mechanism.

No. of Pages : 39 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2012

(21) Application No.3686/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR AUTOMATICALLY DETECTING DECEPTION IN HUMAN COMMUNICATIONS EXPRESSED IN DIGITAL FORM

(51) International classification	:G06F7/04
(31) Priority Document No	:61/328,158
(32) Priority Date	:26/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/033936
Filing Date	:26/04/2011
(87) International Publication No	:WO 2011/139687
(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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**1)CHANDRAMOULI, RAJARATHNAM**

**2)CHEN, XIAOLING**

**3)SUBBALAKSHMI, KODUVAYUR, P.**

**4)PERERA, ROHAN**

(57) Abstract :

An apparatus and method for determining whether a text is deceptive has a computer programmed with software that automatically analyzes a text message in digital form for deceptiveness by at least one of statistical analysis of text content to ascertain and evaluate psycho- linguistic cues that are present in the text message, IP geo-location of the source of the message, gender analysis of the author of the message, authorship similarity analysis, and analysis to detect coded/camouflaged messages. The computer has access to truth data against which the veracity of the text message can be compared and a graphical user interface through which a user of the system can control the system and receive results concerning the deceptiveness of the text message analyzed by the system. The computer may be connectable to the Internet and may obtain the text to be analyzed either under the control of the user or automatically.

No. of Pages : 234 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3688/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR DETECTION OF LEAKAGE OR FAULT CURRENTS FROM EQUIPMENT IN AN ELECTRICAL POWER SYSTEM

(51) International classification	:G01R19/257,G01R31/02	(71) <b>Name of Applicant :</b> <b>1)AMPCONTROL PTY LTD</b> Address of Applicant :21 OLD PUNT ROAD TOMAGO NSW 2322 Australia
(31) Priority Document No	:2010902478	
(32) Priority Date	:07/06/2010	
(33) Name of priority country	:Australia	
(86) International Application No	:PCT/AU2011/000705	(72) <b>Name of Inventor :</b>
Filing Date	:07/06/2011	<b>1)WYLIE TIMOTHY ANDREW</b>
(87) International Publication No	:WO 2011/153581	<b>2)WEBSTER IAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)STEPIEN PETER</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of digital sampling of a current or group of currents in an electrical system including using in said sampling, sufficient bandwidth to reconstruct the amplitude and phase of a synthesised power frequency and its harmonics and a fundamental carrier frequency of switching electronics and modulation sidebands.

No. of Pages : 28 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2012

(21) Application No.3689/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : ETHANOL/FUEL BLENDS FOR USE AS MOTOR FUELS

(51) International classification	:C07C31/08,C07C31/10,C07C29/149
(31) Priority Document No	:12/852290
(32) Priority Date	:06/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/046511
Filing Date	:03/08/2011
(87) International Publication No	:WO 2012/018963
(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 :1601 WEST LBJ FREEWAY  
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(72)Name of Inventor :

1)HALE TRINITY

2)WOLLRAB RADMILA

3)JOHNSTON VICTOR J.

4)SARAGER LINCOLN

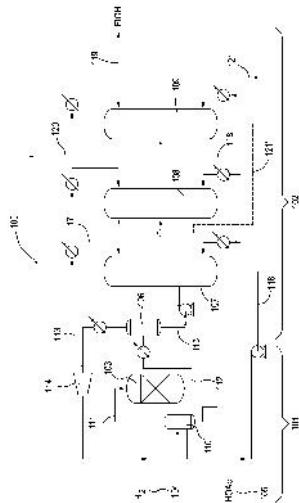
5)WARNER R.JAY

6)WEINER HEIKO

7)GRUSENDORF GERALD

(57) Abstract :

An ethanol/fuel blend composition. The ethanol/fuel blend composition includes an ethanol composition including at least 92 wt.% ethanol, and from 95 wppm to 1,000 wppm isopropanol and a fuel.



No. of Pages : 62 No. of Claims : 93

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2012

(21) Application No.3690/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : OPTICAL SWITCH ELEMENT COMPRISING A LIQUID-CRYSTALLINE MEDIUM

(51) International classification	:C09K19/20,C09K19/34
(31) Priority Document No	:1007088.6
(32) Priority Date	:28/04/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2011/001629
Filing Date	:31/03/2011
(87) International Publication No	:WO 2011/134582
(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)MERCK PATENT GMBH**

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(72)Name of Inventor :

**1)JUNGE MICHAEL**

(57) Abstract :

The present invention relates to an optical switch element, comprising a liquid-crystalline medium for the temperature-dependent regulation of radiant energy flow. The invention furthermore relates to the use of the optical switch element for the regulation of radiant energy flow between interior spaces and the environment and for the regulation of the temperature of interior spaces. The invention furthermore relates to a liquid-crystalline medium, characterised in that it comprises 5-95% of a compound of the formula (I), in particular for use in the optical switch elements according to the invention.

No. of Pages : 91 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2012

(21) Application No.3691/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR OBTAINING DITRIMETHYLOLPROPANE AND TRIMETHYLOLPROPANE-ENRICHED PRODUCT STREAMS FROM THE SIDE-STREAMS IN TRIMETHYLOLPROPANE PRODUCTION

(51) International classification	:C07C29/10,C07C29/80,C07C29/90
(31) Priority Document No	:10 2010 033 844.3
(32) Priority Date	:11/08/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/003788
Filing Date	:28/07/2011
(87) International Publication No	:WO 2012/019714
(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)OXEA GMBH

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(72)Name of Inventor :

1)KREICKMANN THORSTEN

2)FREY GUIDO D.

3)NOWOTNY NORMAN

4)STRUTZ HEINZ

(57) Abstract :

The present invention relates to a method for obtaining ditrimethylolpropane and trimethylolpropane-enriched product streams from the high-boiling fractions and residues which are obtained in the distillative purification of trimethylolpropane, where an aqueous solution of these fractions and residues is subjected to catalytic hydrogenation in the presence of an acidic compound and, following removal of solids, is contacted both with basic and acidic ion exchangers. From the aqueous eluate obtained it is possible to obtain, by distillation, a product stream enriched with trimethylolpropane, with ditrimethylolpropane remaining as a distillation residue.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2012

(21) Application No.3713/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : SULFONATED INTERNAL OLEFIN SURFACTANT FOR ENHANCED OIL RECOVERY

(51) International classification	:E21B43/16
(31) Priority Document No	:61/396,054
(32) Priority Date	:22/05/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/037433
Filing Date	:20/05/2011
(87) International Publication No	:WO 2011/149789
(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)STEPAN COMPANY

Address of Applicant :22 W. FRONTAGE ROAD,  
NORTHFIELD, IL 60093 U.S.A.

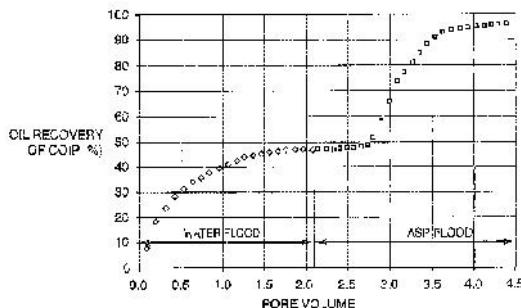
(72)Name of Inventor :

1)HUTCHISON, JOHN, C.

2)WOLFE, PATRICK, SHANE

(57) Abstract :

A process for recovering oil from an oil-bearing formation comprises introducing into said formation an aqueous composition comprising at least one sulfonated derivative of one or more internal olefins, said internal olefins being characterized by having low amounts of tri- substitution on the olefin bond, said sulfonated derivative being obtained by sulfonating a composition comprising internal olefins of the formula: R1R2C=CR3R4 wherein R1, R2, R3 and R4 are the same or different and are hydrogen or straight- or branched-chain, saturated hydrocarbyl groups and the total number of carbon atoms of R1, R2, R3 and R4 is 6 to 44 with the proviso that at least about 96 mole percent of R1 and R3 are straight- or branched- chain, saturated hydrocarbyl groups and at least about 96 mole percent of R2 and R4 are hydrogen. Further provided are compositions for use in recovering oil from an oil-bearing formation.



No. of Pages : 104 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3714/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/11/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF O/W EMULSIONS

(51) International classification	:A61K9/107,A61K31/00	(71) <b>Name of Applicant :</b> <b>1)GLAXOSMITHKLINE BIOLOGICALS S.A.</b> Address of Applicant :RUE DE L'INSTITUT 89, B-1330 RIXENSART BELGIUM
(31) Priority Document No	:1009671.7	
(32) Priority Date	:10/06/2010	
(33) Name of priority country	:U.K.	
(86) International Application No	:PCT/EP2011/059487	(72) <b>Name of Inventor :</b> <b>1)COLONVAL, JO-L</b>
Filing Date	:08/06/2011	
(87) International Publication No	:WO 2011/154442	
(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 production of an oil in water emulsion comprising the steps of: a) dissolving a surfactant in a volume of water or aqueous solution to produce a surfactant solution; and b) diluting the surfactant solution in a volume of water or aqueous solution greater than the volume of the surfactant solution to produce an aqueous phase.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/11/2012

(21) Application No.3715/KOLNP/2012 A

(43) Publication Date : 14/06/2013

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(54) Title of the invention : RUBBER COMPOSITION AND PNEUMATIC TIRE

(51) International classification	:C08L21/00,B60C1/00,C08F236/04	(71)Name of Applicant : <b>1)SUMITOMO RUBBER INDUSTRIES, LTD.</b> Address of Applicant :6-9, WAKINOHAMA-CHO 3-CHOME CHUO-KU, KOBE-SHI, HYOGO 6510072 JAPAN
(31) Priority Document No	:2010-166247	
(32) Priority Date	:23/07/2010	
(33) Name of priority country	:Japan	(72)Name of Inventor : <b>1)HINOHARA, YUKO</b> <b>2)NISHIOKA, KAZUYUKI</b> <b>3)MABUCHI, TAKAHIRO</b>
(86) International Application No	:PCT/JP2011/066704	
Filing Date	:22/07/2011	
(87) International Publication No	:WO 2012/011570	
(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 rubber composition that achieves a well-balanced improvement in fuel economy, wet-grip performance, and abrasion resistance, and a pneumatic tire formed from the rubber composition. The present invention relates to a rubber composition, including a rubber component and silica, wherein the rubber component contains not less than 5% by mass of a conjugated diene polymer, based on 100% by mass of the rubber component, the conjugated diene polymer containing a constituent unit derived from a conjugated diene and a constituent unit represented by the following formula (I): at least one terminal of the conjugated diene polymer being modified by a compound containing a group represented by the following formula (II); and wherein the silica is contained in an amount of 5 to 150 parts by mass per 100 parts by mass of the rubber component.

No. of Pages : 64 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3724/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : HIGH STRENGTH STEEL SHEET HAVING EXCELLENT FORMABILITY AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C38/06,C22C38/54,C21D9/46
(31) Priority Document No	:2010-147419
(32) Priority Date	:29/06/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/065415
Filing Date	:29/06/2011
(87) International Publication No	:WO 2012/002566
(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)JFE STEEL CORPORATION**

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CHIYODA-KU, TOKYO 100-0011 JAPAN

(72)Name of Inventor :

**1)KENJI KAWAMURA**

**2)HIDETAKA KAWABE**

**3)KAZUHIRO SETO**

**4)NORIYUKI KATAYAMA**

(57) Abstract :

A thin high strength steel sheet having excellent formability and a method for manufacturing the sheet are provided. A hot rolling step of hot-rolling a steel having a composition which includes, by mass%, 0.08 to 0.15% of C, 0.5 to 1.5% of Si, 0.5 to 1.5% of Mn, 0.01 to 0.1% of Al, and 0.005% or less of N to form a hot-rolled sheet is conducted. After the hot-rolled sheet is pickled, the hot rolled sheet is subjected to an annealing treatment of holding the hot rolled sheet in a first temperature region of an Ac1 transformation point to an Ac3 transformation point for 5 to 400 s by a continuous annealing line without cold rolling; and to a cooling treatment of cooling the sheet at an average cooling rate of 5°C/s or higher from the first temperature region to 700°C and adjusting a residence time in a second temperature region of 700°C to 400°C in the range of 30 to 400 s. As a result, a microstructure composed of a ferrite phase having an area fraction in the range of 75 to 90% with respect to the entire microstructure and a second phase including pearlite, the second phase having an area fraction in the range of 10 to 25% can be obtained. The pearlite accounts for 70% or more in terms of the area fraction with respect to the entire second phase and the average grain size of the pearlite is 5 µm or smaller. Thus, a high strength steel sheet with excellent formability having a high strength, i.e., a tensile strength TS of 540 MPa or more, excellent elongation, and excellent stretch flangeability can be obtained.

No. of Pages : 46 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3735/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : UNIVERSAL VACCINE AGAINST H5N1 LINEAGES

(51) International classification	:A61K39/145
(31) Priority Document No	:61/329,802
(32) Priority Date	:30/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SG2011/000059
Filing Date	:09/02/2011
(87) International Publication No	:WO 2011/136738
(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)TEMASEK LIFE SCIENCES LABORATORY  
LIMITED

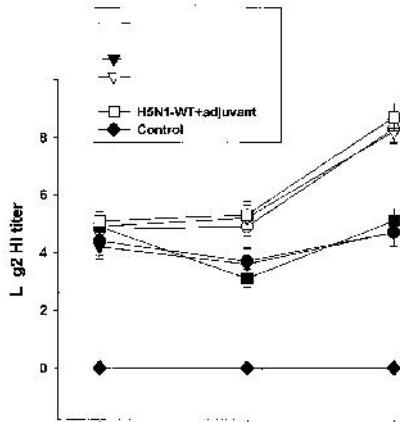
Address of Applicant :1 RESEARCH LINK, NATIONAL  
UNIVERSITY OF SINGAPORE, SINGAPORE 117604  
SINGAPORE

(72)Name of Inventor :

1)MOOKKAN, PRABAKARAN  
2)HE, FANG  
3)KWANG, HWEI-SING, JIMMY

(57) Abstract :

The present invention relates to a universal H5N1 vaccine. More specifically, the present invention relates to the identification of three H5N1 strains which cover the entire variants in the neutralizing epitopes of hemagglutinin among most H5N1 lineages. The present invention further relates a universal H5N1 vaccine that comprises the three H5N1 strains or that comprises hemagglutinin peptides of each of these three strains.



No. of Pages : 41 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3736/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : STABLE FORMALDEHYDE-FREE MICROCAPSULES

(51) International classification	:A61K9/00,C08G12/26,C08G12/06
(31) Priority Document No	:10167348.1
(32) Priority Date	:25/06/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2011/052700
Filing Date	:21/06/2011
(87) International Publication No	:WO 2011/161618
(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)FIRMENICH SA

Address of Applicant :1, ROUTE DES JEUNES, P. O. BOX 239, CH-1211 GENEVA 8 SWITZERLAND

(72)Name of Inventor :

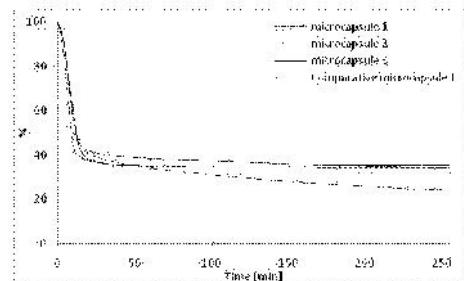
1)BERTHIER, DAMIEN

2)LEON, GÉRALDINE

3)PARET, NICOLAS

(57) Abstract :

The present invention relates to water dispersible core-shell microcapsules essentially free of formaldehyde. In particular it concerns oligomeric compositions comprising, and the microcapsules obtained from, particular reaction product between a polyamine component and a particular mixture of glyoxal and a C 2 2 dialkoxy ethanal. The present invention comprises also the invention s core shell microcapsules as part of a perfuming composition or of a perfuming consumer product.



No. of Pages : 75 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3737/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR PRODUCING A STRUCTURAL PART FROM AN IRON-MANGANESE-STEEL SHEET

(51) International classification	:B21D22/02,C21D1/673,C21D9/46
(31) Priority Document No	:10 2010 020 373.4
(32) Priority Date	:12/05/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/057280
Filing Date	:06/05/2011
(87) International Publication No	:WO 2011/141367
(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)VOESTALPINE STAHL GMBH

Address of Applicant :VOESTALPINE-STRASSE 3 A-4020 LINZ AUSTRIA

(72)Name of Inventor :

1)SAMEK, LUDOVIC

2)PERUZZI, MARTIN

3)ARENHOLZ, ENNO

(57) Abstract :

In a method for producing a structural part from an iron-manganese-stell sheet (1), a sheet-metal workpiece (2) is cold-formed in a forming die (3). The formed sheet-metal workpiece is heated to a temperature between 500°C and 700°C (4) and calibrated in a calibrating die (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3738/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : PROGRAMMABLE CYLINDER LOCK AND KEYS FOR THE OPERATION THEREOF

(51) International classification	:E05B29/00,E05B35/08	(71)Name of Applicant :
(31) Priority Document No	:TO2010 A 000381	<b>1)RIELDA SERRATURE S.R.L.</b>
(32) Priority Date	:06/05/2010	Address of Applicant :VIA FIUMARA 80 I-00054
(33) Name of priority country	:Italy	FIUMICINO (ROMA) ITALY
(86) International Application No	:PCT/EP2011/001948	(72)Name of Inventor :
Filing Date	:13/04/2011	<b>1)LORETI, ALBERTO</b>
(87) International Publication No	:WO 2011/137974	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A programmable cylinder lock comprising a stator (1) and a cylindrical rotor (2), mounted inside stator (1) for rotation around its own axis and having a keyhole for insertion of a key (3), and comprising inside rotor (1) a number of key followers (5) movable along the longitudinal and transversal directions, intended to cooperate with a key inserted into the keyhole of rotor (2), and locking pins (6) movable along the longitudinal direction, the key followers (5) and locking pins (6) forming together a number of pairs and having toothings intended to mutually cooperate in order to define the lock codification, rotor (2) including a stop bar (9) cooperating with a longitudinal groove (10) of stator (1) and susceptible of cooperating with the locking pins (6) in order to immobilize them, and comprising a change bar (11) which is slidingly coupled with the key followers (5) in order to normally keeping the key followers (5) engaged with the locking pins (6) and to disengage them from the locking pins (6) when said change bar (11) provides a lock programming position, wherein the stop bar (9) has projections (12) facing the keyhole of rotor (2) intended to receive the key (13,15), and the use key (13) has in its side surface some recesses (14) so located as to place themselves facing the projections (12) of the stop bar (9) when the key (13) is correctly inserted in the lock whereas the corresponding change key (15) has a longitudinal groove (16) extending in a position corresponding to the recesses (14) of the use key (13).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3740/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 14/06/2013

(54) Title of the invention : THERMAL PROCESSING REACTOR FOR MIXTURES, FABRICATION OF THE REACTOR, PROCESSES USING THE REACTORS AND USES OF THE PRODUCTS OBTAINED

(51) International classification	:B01J19/28,C10G9/00	(71)Name of Applicant :
(31) Priority Document No	:2,704,186	1)ENVIROLLEA INC.
(32) Priority Date	:18/05/2010	Address of Applicant :135 SILVER CREST CRESCENT NW CALGARY, ALBERTA T3B 3T8 CANADA
(33) Name of priority country	:Canada	
(86) International Application No	:PCT/CA2011/050207	(72)Name of Inventor :
Filing Date	:18/04/2011	1)WHEELER, LUCIE B.
(87) International Publication No	:WO 2011/143770	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A reactor and its internals used for the thermal processing of a mixture. The reactor comprises plates and at least part of the surface of said plates is used to perform said thermal processing. The reactor and its internals are used for the thermal processing of mixtures containing organic compounds. The processes for thermal processing a mixture comprising organic compounds, comprising the steps of feeding the reactor and its internals and being useful for treating wastes oils and/or for destroying hazardous and/or toxic products; and/or for reusing waste products in an environmentally acceptable form and/or way, and/or for cleaning contaminated soils or beaches, and/or cleaning tar pits, and/or use in coal oil co processing and/or recovering oil from oil spills, and/or PCB free transformed oils. A process for fabricating the reactor and its internals is also proposed.

No. of Pages : 64 No. of Claims : 120

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4044/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date : 14/06/2013

(54) Title of the invention : POWDER COATING METHOD

(51) International classification :B05D1/06,B05D3/02,B05D7/00  
(31) Priority Document No :2010-134915  
(32) Priority Date :14/06/2010  
(33) Name of priority country :Japan  
(86) International Application No :PCT/JP2011/058408  
Filing Date :01/04/2011  
(87) International Publication No :WO 2011/158543  
Application Number :NA  
Filing Date :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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Midori-ku, Nagoya-shi, Aichi 4588505 JAPAN

(72)Name of Inventor :

1)OKAMOTO Takayuki

2)KUNITA Yasuhiko

3)WAKITA Masami

(57) Abstract :

ffffsProvided is a powder coating method such that it is possible to form by means of a thermosetting powder coating material a coating film exhibiting excellent adhesion and surface properties. Specifically disclosed is a powder coating method which involves: a heating step for heating a spring member (21); a coating step for attaching a thermosetting powder coating material (20a) on the surface of the spring member (21) once the surface temperature (T) (°C) of the spring member (21) reaches T<sub>20</sub>=T<T+20 (wherein T represents the temperature (°C) at the thermosetting powder coating material (20a) has finished setting); and a setting step for setting the attached thermosetting powder coating material (20a). During the setting step the surface temperature (T) (°C) of the spring member (21) when setting is completed is preferably T+30=T (wherein T represents the temperature (°C) when the thermosetting powder coating material (20a) begins to set).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3626/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : BRAKE SHOE OF A DRUM BRAKE, BRAKE SHOE SET, AND DRUM BRAKE

(51) International classification	:F16D 65/08
(31) Priority Document No	:10 2010 021 393.4
(32) Priority Date	:25/05/2010
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2011/058354 :23/05/2011
(87) International Publication No	:WO 2011/147771
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

1)KNORR BREMSE SYSTEME FÜR  
NUTZFAHRZEUGE GMBH

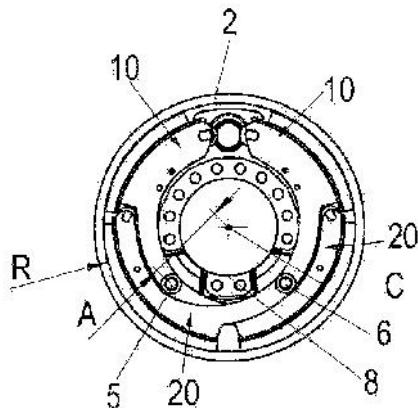
Address of Applicant :MOOSACHER STRASSE. 80, 80809  
MÜNCHEN, Germany

(72)Name of Inventor :

1)PAPP VIKTOR

(57) Abstract :

The invention relates to a brake shoe of a drum brake (1), having more than two brake shoes (10, 20) disposed in a brake drum (2), having a brake lining carrier plate (103) attached to a web (101), comprising a support surface (104) on which at least one circular arc-shaped brake lining (105) is attached, wherein the brake sole (10) having a return element (7) comprises a linkage (109) that can be pivotally support on a brake shoe carrier (5, 6) and operationally connected at the free end (115) thereof opposite the linkage (109) thereof to an actuating device (4) of the drum brake (1) by means of an actuating element (113), wherein the web (101) comprises an extension segment (102) extending away from the brake lining carrier plate (103), on the far end of which the linkage (109) is implemented, and a guide for actuating an adjacent brake shoe (20) is provided on the side (117) of the extension segment (102) facing away from the brake drum (2).



No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3627/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : CONSTRUCTION MACHINERY

(51) International classification	:E02F9/16,B60J5/00,B60R3/00
(31) Priority Document No	:2010-118565
(32) Priority Date	:24/05/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/061885
Filing Date	:24/05/2011
(87) International Publication No	:WO 2011/148945
(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)HITACHI CONSTRUCTION MACHINERY CO. LTD.

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(72)Name of Inventor :

1)KIMURA SHOUGO

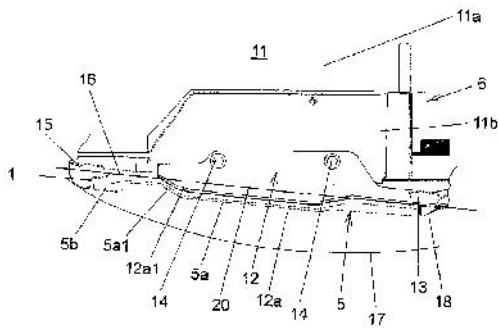
2)TANAKA TOMOYUKI

3)TABETA HIROSHI

4)ISHII HAJIME

(57) Abstract :

[Problem] To provide a construction machine with a step arranged in an operators cab, which makes it possible to enlarge the shape or dimensions of the step without increasing a swing radius. [Solution] In a compact excavator provided with a step that facilitates ingress to and egress from the operator's cab (6), the step is provided at a part thereof with an outwardly-extending edge portion (12a) that extends out beyond an opening plane (16) forming an ingress/egress opening (20), and a door (5) is provided at a part thereof with a convex part (5a) that covers the outwardly-extending edge portion (12a) of the step when the door (5) is in a closed position. A floor (11) of the operators cab (6) includes a flat part (11a) arranged on a front side of a seat (4) and a stepped part (11b) arranged in conjunction with the flat part (11a) and on a side of the ingress/egress opening, a flange part (12) which lies in a same plane as the stepped part (11b) of the floor (11) is arranged in conjunction with the stepped part (11b) and in the operators cab (6), the step includes the stepped part (11b) of the floor (11) and the flange part (12), and the flange part (12) is provided with the outwardly-extending edge portion (12a).



No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.3628/KOLNP/2012 A

(43) Publication Date : 14/06/2013

(54) Title of the invention : METHOD FOR PRODUCING A HOT-FORMED AND HARDENED STEEL COMPONENT COATED WITH A METALLIC ANTI-CORROSION COATING FROM A SHEET STEEL PRODUCT

(51) International classification :C21D1/673,C21D1/74,C21D8/04  
(31) Priority Document No :10 2010 017 354.1  
(32) Priority Date :14/06/2010  
(33) Name of priority country :Germany  
(86) International Application No :PCT/EP2011/059808  
Filing Date :14/06/2011  
(87) International Publication No :WO 2011/157690  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

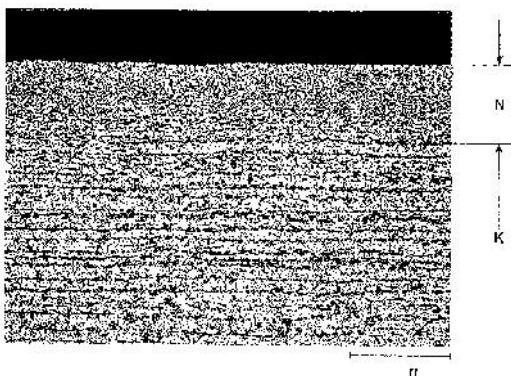
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(57) Abstract :

The present invention relates to a method for producing a steel component that is coated with a metallic anti-corrosion coating from a sheet steel product comprising at least 0.4 % by weight Mn. In order to economically produce a high-strength steel component while minimising the risk of the development of metal-induced cracks, the invention provides that the sheet steel product is annealed in a continuous furnace under an annealing atmosphere containing up to 25 % by volume H<sub>2</sub>, 0.1 to 10 % by volume NH<sub>3</sub>, H<sub>2</sub>O and N<sub>2</sub> as the remainder as well as process-related inevitable impurities at a dew point ranging between -50°C and -5°C at a holding temperature of 400 to. 1100°C for a holding period of 5 to 600 s. The annealed sheet steel product has a 5 to 200 Pm thick nitration layer (N), the particle size of which is finer than the particle size of the inner core layer (K) of the sheet steel product. Once it has been coated with a metallic protective layer, a blank is separated from the annealed sheet steel product and is heated to an austenitising temperature of 780 to 950°C after an optional preforming step, hot-formed to form the steel component. and cooled so rapidly that a hardened structure forms in the sheet steel product.



No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3629/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :21/11/2012

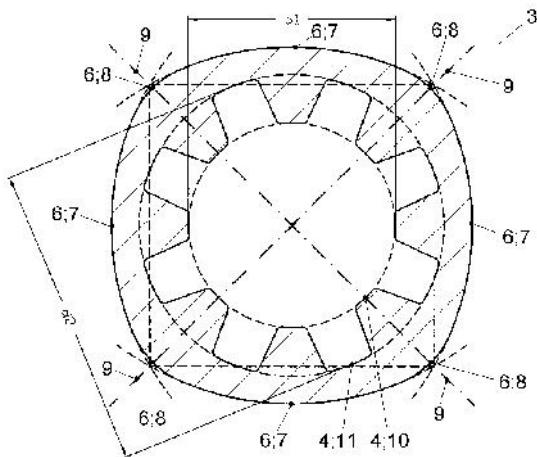
(43) Publication Date : 14/06/2013

(54) Title of the invention : DRIVER FOR TORQUE AND ROTATION TRANSFER FROM A ROTATIONAL CHUCK TO A DRILL STEEL

(51) International classification	:E21B17/03,B25D17/08	(71)Name of Applicant :
(31) Priority Document No	:1000703-7	1)ATLAS COPCO ROCK DRILLS AB
(32) Priority Date	:30/06/2010	Address of Applicant :S-701 91 ÖREBRO Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2011/050690	1)ÖSTLING THOMAS
Filing Date	:01/06/2011	2)GÖTHLIN LINDA
(87) International Publication No	:WO 2012/002876	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A driver (3) for the transfer of torque and rotation from a rotation chuck (5) to a drill steel (2), whereby the cross section of the driver (3) is limited outwards by curves, in particular by arcs united to form a closed figure (6) that can be approximately described as a polygon, and limited inwards by splines (4). The figure (6) comprises four sides (7) and four corners (8). The splines (4) comprise a number of spline teeth (10), the number of which is divisible by four.



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

**NOTICE (MUMBAI)**

**Application number 2483/MUM/2011 dated 06.09.2011 has been postdated under section 9(4) of the Patents Act.1970 and accordingly the provisional application has been cancelled and the application is postdated to the date of filing of the complete specification i.e. from 06.09.2011 to 19.06.2012 .**

## **AMENDMENT UNDER SEC.57, KOLKATA .**

**(01)**

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 226417 has been amended to :

**M/S. PANASONIC CORPORATION.**

**(02)**

An application for change in the name of the Patentee from M/s. Rahee Industries Limited of Century Towers, 5<sup>th</sup> Floor, 45, Shakespeare Sarani, Kolkata 700017 to M/s. Rahee Infratech Limited of 45, Shakespeare Sarani, Kolkata 700017 in respect of Patent application No .193713 ( 791/CAL/1997 ) was filed . Any person interested may at any time within three months from the date of the publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

**PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR  
RESTORATION OF PATENT(CHENNAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANT	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
252807	SHRI. BUDHADITYA CHATTOPADHYAY	AN APPARATUS FOR PURIFICATION OF BLOOD AND A METHOD OF ASSEMBLING	31/08/2012	CHENNAI

**Publication Under Section 43(2) in Respect of the Grant**

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	185148	1742/DEL/1996	06/08/1996	07/08/1995	A PROCESS FOR THE PREPARATION OF A (S)-4-{3-[2,DIMETHYLAMINO)ETHYL-1H-INDOL-5-YL)METHYL}-2-OXAZOLIDINONE	THE WELLCOME FOUNDATION LIMITED		DELHI
2	256355	2772/DELNP/2004	01/04/2003	03/04/2002	A COLOR CORRECTION SYSTEM AND METHOD THEREOF	M/S TECHNICOLOR INC.	09/10/2009	DELHI
3	256357	2333/DELNP/2006	05/11/2004	06/11/2003	METHOD OF MANUFACTURE OF POLYACROLEIN	CHEMEQ LTD.	10/08/2007	DELHI
4	256358	2670/DELNP/2007	10/09/2004	10/09/2004	VARIABLE MATRIX DISPLAY DEVICE AND METHOD	BIG WALL VISION	04/05/2007	DELHI
5	256359	690/DEL/2003	12/05/2003		DEVICE FOR MEASUREMENT OF FLOW RATE OF OVERFLASH LIQUID IN CRUDE DISTILLATION COLUMNS	ENGINEERS INDIA LIMITED,CENTER FOR HIGH TECHNOLOGY,	15/07/2011	DELHI
6	256367	941/DELNP/2007	26/07/2005	04/08/2004	A SUBSTITUTED ORGANOPOLYSILOXANE OF FORMULA 1	PHOSPHONICS LTD.	03/08/2007	DELHI
7	256370	3902/DELNP/2007	23/11/2005	24/11/2004	DIGITAL DATA INTERFACE DEVICE WITH MESSAGE FIELDS	QUALCOMM INCORPORATED,	31/08/2007	DELHI
8	256372	4478/DELNP/2006	08/12/2004	04/02/2004	CLASSIFIER FOR GRANULAR MATERIAL	MAGOTTEAUX INTERNATIONAL S.A.	10/08/2007	DELHI
9	256373	2996/DELNP/2004	15/04/2003	19/04/2002	A METHOD FOR TRANSFERRING DATA EVENT ENCRYPTED BY ONE OR SEVERAL CONTROL WORDS	NAGRAVISION S.A	09/10/2009	DELHI
10	256375	772/DEL/1997	26/03/1997	23/03/1996	MULTIMEDIA OPTICAL DISC HAVING IMPROVED INTERACTIVE REPRODUCTION PROCEDURE, A REPRODUCING PROCEDURE, A REPRODUCTION APPARATUS AND A METHOD FOR SUCH A DISC	PANASONIC CORPORATION	23/04/2010	DELHI
11	256376	3228/DEL/2005	01/12/2005	13/12/2004	AN ANNEALING PROCESS OF A STAINLESS STEEL BAND	DMS SOCIETE ANONYME	02/10/2009	DELHI

12	256377	IN/PCT/2002/0 0445/DEL	21/11/2000	05/12/1999	BANK CHEQUE SYSTEM WITH CHEQUES HAVING MAGNETISED STRIPS AND/OR STORAGE CHIPS	MOOSA EISA AL AMRI	16/01/2009	DELHI
13	256379	657/DELNP/20 06	05/08/2004	12/08/2003	COMPOSITE MULTILAYER MATERIAL FOR PLAIN BEARINGS, PRODUCTION AND USE	FEDERAL-MOGUL WIESBADEN GMBH & CO. KG.	31/08/2007	DELHI
14	256380	7448/DELNP/2 007	13/04/2006	15/04/2005	PROCESS FOR IMPROVING THE INSULATING CAPACITY FOR EXPANDED VINYL AROMATIC POLYMERS AND THE PRODUCTS THUS OBTAINED	POLIMERI EUROPA S.P.A	09/11/2007	DELHI
15	256382	1448/DEL/1999	05/11/1999		A ONE POT PROCESS FOR THE PREPARATION OF 11,12- DEHYDRODEOXYARTEM ISNIN	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	01/06/2012	DELHI
16	256383	3796/DELNP/2 004	08/05/2003	04/06/2002	ACTIVE SUBSTANCE- CONTAINING FILM FOR APPLICATION IN THE ORAL CAVITY OR FOR TRANSMUCOSAL APPLICATION	LTS LOHMANN THERAPIE-SYSTEME AG	20/11/2009	DELHI
17	256389	593/DEL/2007	19/03/2007 15:18:16		A CATALYST USEFUL FOR THE DECOMPOSITION OF NITROUS OXIDE TO NITROGEN AND OXYGEN	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	13/02/2009	DELHI
18	256390	2043/DEL/2005	27/11/1998	27/11/1997	CONCRETE REINFORCED WITH METAL FIBRES, ITS CEMENTITOUS MATRIX AND PREMIXES	BOUYGUES TRAVAUX PUBLICS,LAFARGE.,	25/05/2007	DELHI
19	256391	3154/DEL/2005	25/11/2005	10/01/2005	MEHTOD OF MAKING A CIRCUITEZED SUBSTRATE HAVING A CAPACITOR INCLUDED THEREIN, ELECTRICAL ASSEMBLY UTILIZING SAME, AND INFORMATION HANDLING SYSTEM UTILIZING SAME	ENDICOTT INTERCONNECT TECHNOLOGIES, INC.	02/10/2009	DELHI
20	256394	4229/DELNP/2 006	11/01/2005	30/01/2004	A VIDEO INCODER FOR ENCODING IMAGE FRAMES AND A METHOD THEREOF	THOMSON LICENSING	22/06/2007	DELHI
21	256395	5158/DELNP/2 007	22/12/2005	22/12/2004	METHODS AND APPARATUS FOR DECODER SELECTION IN COMMUNICATION SYSTEMS	QUALCOMM INCORPORATED,	17/08/2007	DELHI

22	256396	2813/DELNP/2008	05/09/2006	15/09/2005	NOVEL HETEROBICYCLIC DERIVATIVES USEFUL AS INHIBITORS OF LIVER CARNITINE PALMITOYL TRANSFERASE	F.HOFFMANN-LA ROCHE AG	08/08/2008	DELHI
23	256397	788/DELNP/2004	08/10/2002	08/10/2001	A CHARGING SYSTEM FOR CHARGING SERVICE USAGE IN A COMMUNICATION NETWORK	TELEFONAKTIEBOLAGET LM ERICSSON( PUBL)	06/03/2009	DELHI
24	256400	6198/DELNP/2007	20/02/2006	18/02/2005	MARINE DRIVE	MICHAEL ALAN BEACHY HEAD	31/08/2007	DELHI
25	256402	4777/DELNP/2006	11/03/2005	12/03/2004	A PHARMACEUTICAL COMPOSITION AN INJECTION MOLDED CAPSULE SHELL, LINKER OR SPACER HAVING SAID COMPOSITION	SMITHKLINE BEECHAM PLC	31/08/2007	DELHI
26	256409	2469/DEL/2006	16/11/2006		NOVEL RHODIUM CARBONYL BASED LIGAND CATALYST AND A PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	23/05/2008	DELHI
27	256410	918/DEL/1999	17/12/1992		PROCESSS FOR THE PRODUCTION OF IMPURE OXYGEN	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES OGEORGES CLAUDE	01/06/2012	DELHI
28	256417	1013/DELNP/2004	27/09/2002	01/10/2001	A MEDIA GATEWAY FOR INTERCONNECTING TWO OR MORE MOBILE ACCESS NETWORKS	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	28/07/2006	DELHI
29	256418	693/DELNP/2004	17/10/2002	19/10/2001	SYNTHESIS OF CYCLOSPORIN ANALOGS	ISOTECHNIKA PHARMA INC,	30/10/2009	DELHI

**Publication Under Section 43(2) in Respect of the Grant**

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Number	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropria te Office
1	256365	477/MUM/2006	29/03/2006		A MECHANISM TO LIFT AND LOWER TRACTOR IMPLEMENT TO AN ADJUSTABLE HEIGHT IN ADDITION TO HYDRAULIC POSITION AND DRAFT CONTROLS	MAHINDRA & MAHINDRA LTD	14/12/2007	MUMBAI
2	256374	1494/MUM/2007	02/08/2007		IMPROVED PROCESS FOR THE PREPARATION OF RANOLAZINE	CADILA HEALTHCARE LIMITED	22/05/2009	MUMBAI
3	256381	1176/MUMNP/2008	26/01/2007	26/01/2006	METHODS, DEVICES AND SYSTEMS RELATING TO RESELECTING CELLS IN A CELLULAR WIRELESS COMMUNICATIONS SYSTEM	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
4	256384	1408/MUM/2007	20/07/2007	28/07/2006	SYSTEMS AND METHODS FOR IMPLEMENTING DATA CONTROL CHANNEL IN WIRELESS COMMUNICATION SYSTEM	VIA TELECOM CO.,LTD.	26/10/2007	MUMBAI
5	256385	1465/MUMNP/2006	23/06/2005	30/06/2004	METHODS AND ARRANGEMENTS FOR CONNECTION DETERMINATION IN MULTI-DOMAIN VIRTUAL PRIVATE NETWORK	TELEFONAKTIEBOLAG ET L.M. ERICSSON (PUBL)	29/06/2007	MUMBAI
6	256392	1186/MUMNP/2008	07/12/2006	16/12/2005	HAIR TREATMENT COMPOSITIONS	HINDUSTAN UNILEVER LIMITED	08/08/2008	MUMBAI
7	256393	1034/MUMNP/2009	29/11/2007	06/12/2006	A METHOD OF MAKING A PARTICULATE MATERIAL	SAINT-GOBAIN CERAMICS & PLASTICS, INC.	17/07/2009	MUMBAI
8	256401	2209/MUMNP/2009	02/06/2008	02/07/2007	HAIR CARE COMPOSITIONS	HINDUSTAN UNILEVER LIMITED	18/06/2010	MUMBAI
9	256416	577/MUM/2008	24/03/2008 12:02:36		MELT GRANULATED PHARMACEUTICAL COMPOSITIONS OF RHEIN OR DIACEREIN	WOCKHARDT LTD	16/10/2009	MUMBAI

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	256356	314/CHE/2008	06/02/2008	06/02/2007	A PISTON TESTING APPARATUS	GM GLOBAL TECHNOLOGY OPERATIONS, INC	21/08/2009	CHENNAI
2	256364	5459/CHENP/2007	28/04/2006	28/04/2005	HYDROPHOBIC CATALYST LAYER FOR POLYMER ELECTROLYTE FUEL CELL AND METHOD OF PRODUCING THE SAME, AND POLYMER ELECTROLYTE FUEL CELL AND METHOD OF PRODUCING THE SAME	CANON KABUSHIKI KAISHA	28/03/2008	CHENNAI
3	256366	3197/CHENP/2007	20/12/2005	22/12/2004	RAPID DEVELOPMENT OF HEAT RESISTANCE IN CHOCOLATE AND CHOCOLATE-LIKE CONFECTIONERY PRODUCTS	KRAFT FOODS R & D, INC	12/10/2007	CHENNAI
4	256369	2924/CHENP/2007	19/12/2005	30/12/2004	MODIFIED LATEX REDUCER AND PROCESSES THEREFOR AND THEREWITH	CONOCO PHILLIPS COMPANY	07/09/2007	CHENNAI
5	256371	2895/CHENP/2006	11/01/2005	08/01/2004	CROSSLINKED POLYROTAXANE AND PROCESS FOR PRODUCING THE SAME	THE UNIVERSITY OF TOKYO	06/07/2007	CHENNAI
6	256378	2168/CHE/2006	22/11/2006		METHOD FOR PERFORMING CONTENT BASED IMAGE SEARCH	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
7	256386	3412/CHENP/2006	18/03/2005	19/03/2004	FILM LAYERS MADE FROM POLYMER FORMULATIONS	DOW GLOBAL TECHNOLOGIES LLC	06/07/2007	CHENNAI
8	256387	662/CHE/2005	31/05/2005		A TWO RANGE TRANSMISSION DEVICE FOR A MOTOR VEHICLE	TVS MOTOR COMPANY LTD	27/07/2007	CHENNAI
9	256388	2999/CHENP/2008	14/11/2006	15/11/2005	PRESSURE EXCHANGER	FLOWSERVE HOLDINGS, INC.	06/03/2009	CHENNAI
10	256398	1575/CHE/2006	31/08/2006		METHOD FOR DELIVERING DATA IN HYBRID AUTOMATIC REPEAT REQUEST (HARQ) BASED ADVANCED COMMUNICATION SYSTEMS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	02/05/2008	CHENNAI

11	256399	781/CHE/2006	28/04/2006		METHOD FOR RECOVERING PASS CODES / ACCESS CODES TO RESUME AN USER AUTHENTICATION IN A MOBILE DEVICE	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/12/2007	CHENNAI
12	256403	1390/CHENP/2 007	22/09/2005	05/10/2004	SYNTHETIC PEPTIDES REDUCING OR REMOVING BAGS FORMED UNDER THE LOWER EYE CONTOUR AND THEIR USE IN COSMETIC OR DERMOPHARMACEUT ICAL COMPOSITIONS	LIPOTECH S.A	31/08/2007	CHENNAI
13	256411	601/CHE/2004	23/06/2004	25/06/2003	MULTI-PURPOSE UNIVERSAL SIDEFRAME FOR RAILWAY TRUCKS	AMSTED RAIL COMPANY, INC.	04/03/2005	CHENNAI
14	256412	3817/CHENP/2 006	27/01/2005	16/03/2004	PROCESS FOR THE PRODUCTION OF THREE-DIMENSIONAL OBJECTS BY MEANS OF LASER TECHNOLOGY AND APPLICATION OF AN ABSORBER VIA INKJET PROCESSES	EVONIK DEGUSSA GMBH	15/06/2007	CHENNAI
15	256413	1377/CHE/2008	05/06/2008	07/06/2007	AN UNDERCARRIAGE FITTED WITH A COMMUNICATION DEVICE BETWEEN A WHEEL AND THE UNDERCARRIAGE	SAGEM DEFENSE SECURITE	21/08/2009	CHENNAI
16	256415	2315/CHENP/2 008	08/11/2006	11/11/2005	INFORMATION DEVICE, PREFERABLY IN A MOTOR VEHICLE, AND METHOD FOR SUPPLYING INFORMATION ABOUT VEHICLE DATA	VOLKSWAGEN AKTIENGESELLSCH AFT	06/03/2009	CHENNAI

**Publication Under Section 43(2) in Respect of the Grant**

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Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	256360	573/KOLNP/2008	02/06/2006	21/09/2005	PROCESS OIL AND RUBBER COMPOSITION	IDEMITSU KOSAN CO. LTD.	19/12/2008	KOLKATA
2	256361	2406/KOLNP/2008	27/11/2007	07/12/2006	METHOD AND APPARATUS FOR THE REMOVAL OF MOLTEN GLASS FROM FLOW CHANNELS	BETEILIGUNGEN SORG GMBH & CO.KG	23/01/2009	KOLKATA
3	256362	164/KOL/2009	29/01/2009 16:05:22		A PROCESS FOR THE PRODUCTION OF FERROCHROME ENRICHED WITH NICKEL	TATA STEEL LIMITED	06/08/2010	KOLKATA
4	256363	3419/KOLNP/2007	06/03/2006	14/03/2005	PROCESS FOR THE PREPARATION OF OPIOID MODULATORS	JANSSEN PHARMACEUTICA N.V.	23/05/2008	KOLKATA
5	256368	938/KOL/2009	02/07/2009	07/08/2008	TIRE	SUMITOMO RUBBER INDUSTRIES, LTD.	30/04/2010	KOLKATA
6	256404	4111/KOLNP/2007	28/03/2006	04/04/2005	ROTATING MECHANISM	HIROMICHI KINOSHITA, YOKO KINOSHITA	04/04/2008	KOLKATA
7	256405	182/KOLNP/2007	04/02/2005	23/07/2004	N-PHENYLPHOSPHORIC ACID TRIAMIDES, METHOD FOR THEIR PRODUCTION AND COMPOSITION COMPRISING THEM	SKW STICKSTOFFWERKE PIESTERITZ GMBH	29/06/2007	KOLKATA
8	256406	768/KOLNP/2007	04/08/2004	03/08/2004	PROCESS AND APPARATUS FOR CONVERTING CARBONACEOUS MATERIAL TO ENERGETIC GASES	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	13/07/2007	KOLKATA
9	256407	4752/KOLNP/2007	17/05/2006	18/05/2005	COPOLYMERS BASED ON PHOSPHORUS CONTAINING MONOMERS AND PROCESSES FOR THE PREPARATION THEREOF	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH	27/06/2008	KOLKATA
10	256408	3356/KOLNP/2006	19/05/2005	21/05/2004	A DISTRUBUTION BOX FOR ENCLOSING AN ELECTRICAL CONNECTION IN AN ELECTRICAL WIRING SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	15/06/2007	KOLKATA

11	256414	3486/KOLNP/2006	25/05/2005	25/05/2004	A NON-PLATINUM BASED ELECTRODE CATALYST FOR FUEL CELL, COMPRISING RUTHENIUM-RHODIUM ALLOY AND METHOD FOR ITS PREPARATION	LG CHEM,LTD.	15/06/2007	KOLKATA
12	256419	2437/KOLNP/2007	29/11/2005	08/12/2004	METHOD OF AND SYSTEM FOR DELAY ESTIMATION WITH MINIMIZED FINGER ALLOCATION	TELEFONAKTIEBOLA GET LM ERICSSON (PUBL)	24/08/2007	KOLKATA

***CONTINUED TO PART- 2***