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

(Chaitanya Prasad)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

4th JANUARY 2013

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**THE PATENT OFFICE
KOLKATA, 04/01/2013**

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 & 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: cgpdtm@nic.in</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: chennai-patent@nic.in</p> <p>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</p>
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: mumbai-patent@nic.in</p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</p>	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: kolkata-patent@nic.in</p> <p>❖ Rest of India</p>
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 & 2808 1940 E.mail: delhi-patent@nic.in</p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh.</p>		

Website: www.ipindia.nic.in
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 04/01/2013
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: cgpdtm@nic.in</p>	4	<p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु इंगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ 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: mumbai-patent@nic.in ❖ 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: kolkata-patent@nic.in ❖ 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: delhi-patent@nic.in ❖ 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

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

शुल्क: शुल्क या तो नकद रूप में या "Controller of Patents" के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जाहौं उपयुक्त कार्यालय स्थित हैं।

SPECIAL NOTICE

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

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

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Chaitanya Prasad)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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



बौद्धिक संपदा भारत
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GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

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संख्या/No. : H-45011/L/2004-Admn.

दिनांक/Date: 17-12-2012

LIST OF HOLIDAYS FOR THE YEAR - 2013

The following days have been declared as Holidays to be observed by the Patent Office Kolkata during the year 2013.

Sl. No.	Holidays & Connected Festivals	Date	Days of Week
1.	Id-E-Milad/ Prophet Mohammad's Birthday	January 25	Friday
2.	Republic Day	January 26	Saturday
3.	Holi/Dolyatra in West Bengal	March 27	Wednesday
4.	Good Friday	March 29	Friday
5.	Vaisakhadi (Bengal)	April 15	Monday
6.	Mahavir Jayanti	April 24	Wednesday
7.	Buddha Purnima	May 25	Saturday
8.	Idul Fitr	August 09	Friday
9.	Independence Day	August 15	Thursday
10.	Mahatma Gandhi's Birthday	October 02	Wednesday
11.	Additional Day for Dussehra (Mahasaptami)	October 11	Friday
12.	Dussehra (Vijaya Dashami)	October 14	Monday
13.	Id-uz-Zuha (Bakrid)	October 16	Wednesday
14.	Diwali (Deepavali)	November 03	Sunday
15.	Muharram	November 14	Thursday
16.	Guru Nanak's Birthday	November 17	Sunday
17.	Christmas Day	December 25	Wednesday

Note: Central Government Organizations, which include industrial, commercial & training establishments (i.e. other than doing work of Secretariat nature) would observe 16 holidays in a year out of which 3 namely Republic Day, Independence Day and Mahatma Gandhi's Birthday will be compulsory. The remaining holidays/occasions may be determined by such Establishments/Organizations themselves on year to year basis.

In deciding whether a particular Deptt/Establishment/Organization an industrial, commercial or trading organizations (i.e. other than those doing work of Secretariat nature) the decision maybe taken by the respective Ministry/Ministry of Home Affairs, New Delhi.

The date of Holidays for the Muslim festivals may be changed on sighting of the Moon and decision to be taken by the State Govt.



प्रौद्योगिकी सम्पदा भारत
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वैदिक संस्कृत/दृष्टि तुला चक्र
INTELLECTUAL PROPERTY INDIA
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संख्या/No: पंच-45011/1/2004-प्रश्ना.



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दिनांक/Date: 17.12.2012

वर्ष 2013 में छुट्टियों की सूची

वर्ष 2013 के दौरान पेटेंट कार्यालय कोलकाता के लिए निम्नलिखित दिनों को छुट्टी घोषित किया जाता है।

क्रम संख्या	छुट्टियों तथा संबंधित त्वाहार	दिनांक	सप्ताह के दिन
1.	प्रोफेट मोहम्मद जन्मदिवस/ईद-ए-मिलाद	जनवरी, 25	शुक्रवार
2.	मणित्र दिवस	जनवरी, 26	शनिवार
3.	होली/दोलखाता प. बंगाल में	मार्च, 27	बुधवार
4.	गुड फ्रेडे	मार्च, 29	शुक्रवार
5.	वैशाखी (बंगाल)	अप्रैल, 15	सोमवार
6.	महादीर जयती	अप्रैल, 24	बुधवार
7.	बुद्ध पूर्णिमा	मई, 25	शनिवार
8.	ईद-उल-फितर	अगस्त, 09	शुक्रवार
9.	स्वतंत्रता दिवस	अगस्त, 15	गुरुवार
10.	महात्मा गांधी जयती	अक्टूबर, 02	बुधवार
11.	दशहरा के लिए अतिरिक्त दिवस (महासप्तमी)	अक्टूबर, 11	शुक्रवार
12.	दशहरा (विजया दशमी)	अक्टूबर, 14	सोमवार
13.	ईद-उल-जुहा (बकरीद)	अक्टूबर, 16	बुधवार
14.	दिवाली (दिपावली)	नवम्बर, 03	रविवार
15.	मुहरम	नवम्बर, 14	गुरुवार
16.	गुरु नानक जयती	नवम्बर, 17	रविवार
17.	क्रिसमस ई	दिसम्बर, 25	बुधवार

टिप्पणी: केन्द्र सरकार के संस्थानों में, जिनमें अधिकारीग, वाणिज्यिक तथा प्रशिक्षण प्रतिष्ठान (यथा सचिवालयीन प्रकृति से पृथक् कार्य करने वाले) शामिल हैं, इस वर्ष 16 अवकाश होंगे जिनमें से 3 (तीन) यथा गणत्र दिवस, स्वतंत्रता दिवस तथा महात्मा गांधी जयती अनियाच होंगे। शेष अवकाश/अवसर उन प्रतिष्ठानों/संस्थानों द्वारा प्रत्येक वर्ष स्वयं निर्धारित किए जाएंगे।

कोई विशेष/प्रतिष्ठान/संगठन औद्योगिक, वाणिज्यिक एवं व्यापारिक प्रतिष्ठान (अर्थात् सचिवालयीन प्रकृति के कार्य करने वाले प्रतिष्ठानों के अतिरिक्त) है कि नहीं इसका निर्धारण संबंधित मंत्रालय/गृह मंत्रालय, नई दिल्ली द्वारा किया जाएगा।

मुख्यमंत्री त्वाहारों की छुट्टी के दिन चौंद के दिनाने तथा राज्य सरकार द्वारा लिये गये निर्णय के अन्वार पर बदल सकते हैं।

CORRIGENDUM (DELHI)

(O1)

The public is hereby informed that for Patent No. **244983 [IN/PCT/2002/00694/DEL]** published u/s 43(2) on **31/12/2010**, the claims are proposed to be changed as mentioned below. The proposed Post Grant Amendments have been filed on 27-02-2012 vide Form-13 and are hereby published u/s 57(3). Any person interested, may, within prescribed period after the publication thereof, give notice to the Controller, of Opposition thereto u/s 57(4).

Proposed claims:

1. A process for selectively producing 3-pyridyl-l-hydroxyethylidene-I, l-bisphosphonic acid sodium hemipentahydrate and monohydrate comprising the steps of:
 - a) providing an aqueous solution of 3-pyridyl-l-hydroxyethylidene-I,lbisphosphonic acid sodium;
 - b) heating the aqueous solution to a temperature ranging from 45 °C to 75°C;
 - c) adding a solvent to the aqueous solution wherein the solvent is selected from the group consisting of alcohols, esters, ethers, ketones, amides, and nitriles; and
 - d) optionally cooling the aqueous solution.
2. The process as claimed in Claim 1, wherein the aqueous solution is heated to a temperature ranging from 55°C to 75°C.
3. The process as claimed in Claim 1, wherein the aqueous solution is heated to 70°C and the aqueous solution is not cooled.
4. The process as claimed in Claim 1, wherein the aqueous solution is heated to a temperature ranging from 50°C to 70°C.
5. The process as claimed in Claim 4, wherein the aqueous solution is cooled at a rate of 0.1 °C to 2°C per minute.
6. The process as claimed in Claim 1, wherein the aqueous solution is heated to 60°C then cooled to 25°C in 2 hours.
7. The process as claimed in Claim 1, wherein the aqueous solution is heated to 60°C and maintained at 60°C for 4 hours then cooled to 25°C in 2 hours.
8. The process as claimed in any of the preceding claims, wherein the solvent is isopropanol.
9. A pharmaceutical composition comprising:
 - (a) 0.1% to 99% of 3-pyridyl-I-hydioxoethylidene-I,I-bisphosphonic acid sodium, wherein the 3-pyridyl-I-hydioxoethylidene-I,I-bisphosphonic acid sodium is from 50% to less than 100% hemipentahydrate and from 50% to more than 0% monohydrate; and
 - (b) 99.9% to 1 % of pharmaceutically acceptable excipients.
10. The pharmaceutical composition as claimed in Claim 9, wherein the 3-pyridyl-I-hydioxoethylidene-I,I-bisphosphonic acid sodium is from 90% to less than 100% hemipentahydrate and from 10% to more than 0% monohydrate.

(02)

The public is hereby informed that for Patent No. **249529 [1559/DELNP/2005]** published u/s 43(2) on **28/10/2011** under Journal No. **43/2011**, the date of filing of PCT International application is proposed to be changed from

24-06-2003

TO

24-07-2003

in Para 6 of the Form-1, U/S 57(3) of The Patents Act 1970. The proposed Post Grant Amendments filed on 15-12-2011 vide Form-13 are hereby published u/s 57(3). Any person interested, may, within prescribed period after the publication thereof, give notice to the Controller, of Opposition thereto u/s 57(4).

(03)

The public is hereby informed that for Patent No. **251006 [3053/DELNP/2006]** published u/s 43(2) on **24/02/2012** under Journal No. **08/2012**, the date of filing of PCT International application is proposed to be changed from

24-11-2004

TO

16-11-2004

in Para 6 of the Form-1, U/S 57(3) of The Patents Act 1970. The proposed Post Grant Amendments filed on 02-08-2011 vide Form-13 are hereby published u/s 57(3). Any person interested, may, within prescribed period after the publication thereof, give notice to the Controller, of Opposition thereto u/s 57(4).

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.1831/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :14/06/2012

(43) Publication Date : 04/01/2013

(54) Title of the invention : DOUBLE ENDED LABYRINTH PISTONS FOR SWASH PLATE TYPE REFRIGERATION COMPRESSORS FOR ALL AUTOMOTIVE AIR-CONDITIONING APPLICATIONS

(51) International classification	:F25B1/00	(71) Name of Applicant : 1)SUBROS LIMITED Address of Applicant :LOWER GROUND FLOOR, WORLD TRADE CENTRE, BARAKHAMBA LANE, NEW DELHI-110001 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)SELVARAJI MUTHU 2)ASEEM KUMAR JAISWAL 3)D.M. REDDY
(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 :

This invention discloses a unique concept of double ended Labyrinth Pistons for swash plate type piston Compressor which is made up of composite materials, partially using metallic materials (Aluminium, Cast-iron, Steel) etc..) and the rest with either of Non-metallic materials like PTFE, PEEK , PPS or entirely made up of Non-metallic materials like PTFE, PEEK , PPS but not limited to only these materials. In a preferred embodiment injection molding may be used as one of the manufacturing methods. The prime advantage of the hereby disclosed invention is the elimination of secondary coatings by of double ended Labyrinth Pistons which are required in conventional compressors and having possibilities of complex shaped pistons with in-built seals on outer surface (labyrinth profile, honeycomb, spiral & helical toothed profiles) to reduce the leakages. Another inherent advantage of this invention is to achieve a better anti-friction surface and thus resulting in less wear and tear. The combination of metallic materials and either of PTFE, PEEK, PPS materials together are taking care of the structural loading. The portion of the volume used with PTFE, PEEK, PPS materials is directly accounting for the weight reduction of Pistons. The reduction in weight of the piston is directly reducing the inertia required to move the pistons. In overall the Coefficient of Performance (COP) of the Compressor and the entire Air-Conditioning systems consist of Compressor, Condenser, Valve expansion , evaporator with or without Internal heat Exchanger (IHX) connected back to compressor in the sequence written is improved by this new invention. The salient features of our invention are using the double ended composite pistons in swash plate type compressors for the cooling capacity range from 0.5 kW to 50 kW for Automotive Air-Conditioning applications with fixed and variable displacement Designs.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1832/DEL/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SWASH PLATE TYPE REFRIGERATION COMPRESOR WITH COMPOSITE HOUSINGS FOR ALL AUTOMOTIVE AIR-CONDITIONING APPLICATIONS

(51) International classification	:F25B1/00	(71) Name of Applicant : 1)SUBROS LIMITED Address of Applicant :LOWER GROUND FLOOR, WORLD TRADE CENTRE, BARAKHAMBA LANE, NEW DELHI-110001 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 discloses a unique concept of composite housings and covers for swash plate type piston Compressor which is made up of composite materials, partially using composite metallic materials (Aluminium, Cast-Iron, Steel) etc...(by forging, machining, casting, molding)) and the rest with either of Non-metallic materials like PTFE, PEEK , PPS through injection molding process or entirely made up of Non-metallic materials like PTFE, PEEK , PPS through injection molding process by which the additional machining is completely avoided and made possible with 40% 50% weight reduction and about 70% 80% reduction in manufacturing time of compressors. In a preferred embodiment injection molding may be used as one of the manufacturing methods. The prime advantage of the hereby disclosed invention is the elimination of machining process, secondary coatings or surface treatments which are required in conventional compressors. Another inherent advantage of this invention is to achieve a better anti-friction surface and thus resulting in less wear and tear. The combination of metallic materials and either of PTFE, PEEK, PPS materials together are taking care of the structural loading. The portion of the volume used with PTFE, PEEK, PPS materials is directly accounting for the weight reduction of compressor housings and Covers. The reduction in weight and compactness of compressor is directly related to the reduction of weight of the vehicle, which saves energy. In overall the Coefficient of Performance (COP) of the Compressor and the entire Air-Conditioning systems consist of Compressor, Condenser, Valve expansion , evaporator with or without Internal heat Exchanger (IHX) connected back to compressor in the sequence written is improved by this new invention. The salient features of our invention are using the composite housings and covers in swash plate type compressors for the cooling capacity range from 0.5 kW to 50 kW for Automotive Air-Conditioning applications with fixed and variable displacement Designs.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/06/2012

(21) Application No.1833/DEL/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SUBROS NEW TECH ULTRA PITCHED MICRO FIN WITH MODIFIED AEROFOIL DIMPLES

(51) International classification	:F24F
(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)SUBROS LIMITED

Address of Applicant :LOWER GROUND FLOOR, WORLD TRADE CENTRE, BARAKHAMBA LANE, NEW DELHI-110001 India

(72)Name of Inventor :

1)D.M. REDDY

2)ASEEM KUMAR JAISWAL

3)VISHAL SAXENA

(57) Abstract :

This invention discloses a unique concept of micro heat exchanger which has the innovative features like ultra low fin pitch, specially designed dimples, Pressure recovery Zones, optimum dimple layout for maximum performance, Micro Channel extruded tubes, ultra thin heat transfer surfaces, and having the additional benefits of commonization and interchangeability for all automotive heat exchangers. The distinguishing features individually, collectively or in combination thereof are enumerated below to have a clearer purview of the advantages of the present invention. 1. Special Subros New Tech Fin: A unique fin geometry is disclosed which acts both as a turbulator augment and also leads to a boundary layer rupture and regeneration in a periodic manner while ensuring that the flow and flow surface are never separated and thus enhancing the heat transfer efficiency, 2. Very Fine Core Matrix: Very fine core matrix which helps to make micro heat exchangers very efficient and compact, (Very fine core matrix marking a clear distinguishing features from macro Heat Exchanger - The prime difference being the fact that Macro Heat Exchangers use the concept of increase in area to achieve higher heat rejection capacity whereas Micro Heat Exchangers apart from increasing the contact area also uses the concept of increase in convective heat transfer coefficient to achieve higher cooling). Thus Micro Heat Exchangers have the ability to substantially increase heat rejection by a very minimal area increase and thus leading to a very compact heat exchanger. 3. Pressure recovery Zones: Our invention also unfolds special fin profile which has periodic contact to Pressure recovery zones specially designed for a pressure increase to offset the Pressure drop and hence there is a negligible increase in corresponding air pressure drop, 4. Miro Channel Extruded Tubes: The special Subros New tech Fin uses extruded tubes leading to a further heat transfer rise and which also imparts a better strength to micro heat exchangers and thus allowing to use thinner tubes and hence an appreciable overall weight reduction. 5. Commonization and interchangeability: The disclosed configuration through this patent application is designed for a core matrix which is suitable for various automotive heat exchangers viz. Condenser, heater, evaporator, radiator, Charge air Cooler and Oil cooler. The concept of commonization and interchangeability of the child parts offered by the new invention is another novel feature which helps in saving of tooling cost as well as inventory cost. 6. Large contact surface area: The specially designed Subros New Tech fin offer large contact area owing to the aerodynamic shape which allows for a flow without separation though out the surface 7. Very thin walled Fins and tubes: Using the thin walled tubes and fins, the micro heat exchangers exhibit an enhanced heat transfer efficiency and moreover we also achieve a significant weight decrement and thus offering a light, compact and

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3262/DEL/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HYBRID TRANSMISSION/GEAR BOX FOR THE REGENERATION OF POWER IN AUTOMOBILES

(51) International classification	:B60K17/00	(71) Name of Applicant : 1)NIKHIL KHURANA, Address of Applicant :B-221 SECOND FLOOR, RAMPRASTHA COLONY, GHAZIABAD, U.P. 2301001 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 : 1)NIKHIL KHURANA
Filing Date	:NA	
(87) International Publication 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 transmission system comprising twin alternator assembly within the transmission/gear box connected to a combustion engine for continuous generation of alternating current when the vehicle is in motion or standstill (Idling Engine), regenerative braking and while clutch operations. The alternating current is used to charge the battery bank and can be used by the electric motors configured on both front and rear/trans axles or one at the front axle and another on the propeller shaft or anywhere else in a hybrid powertrain configured in automobiles.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/01/2012

(21) Application No.173/MUM/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CAPACITOR ASSEMBLY USED FOR PLASTIC FILM CAPACITORS

(51) International classification	:H01G 4/00	(71) Name of Applicant : 1)ALCON ELECTRONICS PVT LTD. Address of Applicant :34-B, MIDC INDUSTRIAL ESTATE SATPUR NASHIK - 422007 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SACHDEV ANUPRATTAN ROMESHCHAND
(87) International Publication No	:N/A	2)SACHDEV SIDDHARTH ANUPRATTAN
(61) Patent of Addition to Application Number	:NA	3)JAGTAP MILIND VIJAY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/06/2012

(21) Application No.1762/MUM/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DEVELOPMENT OF COST EFFECTIVE MICROTOOLS FOR OOCYTE ENUCLEATION DURING SCNT EMBRYO PRODUCTION

(51) International classification	:C12N15/00, A01K67/00	(71) Name of Applicant : 1)ANIMAL BIOTECHNOLOGY CENTRE, MADHYA PRADESH PASHU CHIKITSA VIGYAN VISHWAVIDYALAYA (MPPCVV), JABALPUR Address of Applicant :DIRECTOR, ANIMAL BIOTECHNOLOGY CENTRE, MADHYA PRADESH PASHU CHIKITSA VIGYAN VISHWAVIDYALAYA (MPPCVV), JNKVV CAMPUS, ADHARTAL, JABALPUR-482 004 (MP) INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	(72) Name of Inventor : 1)DR. BIKASH CHANDRA SARKHEL 2)DR. DHARMENDRA KUMAR
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present investigation was undertaken for developing a cost effective simplified tools and process of enucleation and electrofusion. For enucleation of matured goat oocytes, a bisection blade was developed by glueing a triangular sharp metallic blade with glass capillary (Fig. 1A), for cutting the zona digested ooplasm, having polar body and Mil chromosomes. The nucleated oocyte halve was instantly discarded by aspiration pipette (Fig. 1B). The whole process was conducted using micromanipulator (Fig. 1C). Further, the process of electrofusion of ooplasm with cell was simplified for individual fusion of oocyte and somatic cell. For achieving this step, the L shaped Gentrode (BTX- Harvard, USA) was modified by developing innovative electrofusion system and process (Fig. 2A, 2B & 2C). which gave more than 80% electrofusion. The innovative enucleation and electrofusion tools and process adopted in our laboratory proved to be very efficient and cost effective technique.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2592/MUM/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AN ANGLE MEASURING DEVICE

(51) International classification	:G01B3/56, GO1B5/00	(71) Name of Applicant : 1)MR. PRITESH PAWAN JAIN Address of Applicant :STATION ROAD, OPP. LAXMI TALKIES, AT: VAIJAPUR-423701, DIST:AURANGABAD, Maharashtra India 2)MR. SAMIR MOHANRAO DOMBE
(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) Name of Inventor : 1)MR. PRITESH PAWAN JAIN 2)MR. SAMIR MOHANRAO DOMBE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An angle measuring device for measuring an angle of any surface is disclosed. The angle measuring device includes a plurality of scales defined on a dial plate, a pointer and a rod receiving a collinear extension rod. A second scale defined on an arcuate frame pivotally positioned on the dial plate to measure the angle of the angular surface in association with the rod. A first scale and another scale are preferably circular scales that are calibrated up to 360°. Another scale is preferably a comparator that compares angle of angular surface. The device is adapted to measure any angle ranging from 0° to 360° for angular surfaces like holes, machined tool slides and parts. The device also measures the angle of an offset surface with three degrees of freedom.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2568/MUM/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SOLAR WATER HEATER MODULE MOUNTABLE ON SOLAR PV CELLS MODULE

(51) International classification	:F24J2/42	(71) Name of Applicant : 1)SHAH KIRIT MURJI Address of Applicant :E-1101, SAI REDIANCE, PLOT NO. 59,60,61, SECTOR-15, CBD-BELAPUR, NAVI MUMBAI 400614, 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 Solar water heater module(9), made out by assembling together three different components as Bottom Component(10), Middle Component 1) and Top Component 7). The perforation (3) in Middle Component (1) allows the sunlight received from sun rays to pass through the perforation on to Bottom Component(10). Bottom component in turn allows sunlight to pass on to the solar photovoltaic cell module placed beneath it, thereby facilitating harnessing of light energy from solar photo voltaic cells module. Middle Component also collects heat from the sun rays and transfers it to the water passing through grooves in it (2), thereby harnessing heat energy simultaneously from the same area of sun rays. The Bottom Component (10) restricts transfer of heat energy through it thereby facilitates middle component (1) to collect more heat energy. The C channel (8) binds all the three components in to one module(9).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2012

(21) Application No.3437/MUM/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A MECHANICAL DEVICE TO INPUT GEOMETRIES/ GRAPHS/ MATHEMATICAL/SYMBOLS INTO COMPUTER/APPLICATION AND AT THE SAME TIME DYNAMICALLY DISPLAY THE ABOVE OBJECTS AND SIMILAR OBJECTS IN A TACTILE FORM TO BE FELT ON PALM GIVING A FEEDBACK OF THE GEOMETRICAL/MATHEMATICAL/GRAFICAL OBJECTS FROM A COMPUTING DEVICE FOR THE ASSISTANCE IN COMPREHENDING THE COMPLEX DIAGRAMS IMAGES BY A VISUALLY IMPAIRED /BLIND PERSON.

(51) International classification	:G09B21/00, G06F3/00	(71) Name of Applicant : 1)KIRAN SHARAD DESHPANDE Address of Applicant :FLAT NO 7, 3RD FLOOR, A WING ANANDVAN, OPP. GURU GANESH NAGAR, PAUD ROAD, NEW DP ROAD, KOTHRUD, PUNE 411038 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) Name of Inventor : 1)KIRAN SHARAD DESHPANDE
(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 relates to a display device Cum an Input Device that shall allow a Visually Impaired Person to Perform specific actions with regards to Input of Geometries /-Graphs / Mathematical and other symbols collectively referred herein after as visual Objects into the computing equipment and at the same time be able to comprehend the same visual objects from any computing device based software programs, as an output device in a tactile way; where the graphic is understood by the associated software and sent to the Output device such that it: shall be felt on the palm by tactile plungers that come up in an upward motion which shall as a result assist them to understand all that has been displayed with regards to the visual object. The Output device shall raise the plungers in the upward motion and gets locked until the user wants them to be in the position. Further Aspect of the invention is to enable a Visual object as described above (on a computer monitor) to be transferred as input (read Drawn also) / and made to feel in a tactile way (in Right side of the Main Figure) as output from any standard computer software such as a word processing app or an Excel app or from a HTML page, a SVG file etc., by the use sensory inputs /outputs of plunger actions that will be used by a blind person for performing various tasks on the computers and understand / comprehend visual objects likewise.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.7/MUM/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : GENERATION OF ELECTRICITY BY USING IRRIGATION CANAL WATER/NATURAL OPEN SOURCES OF WATER / ARTIFICIAL FLOW OF WATER BY CUNSTRUCTING VENTURI FLUME IN FLOW WAY AND MOUNTING WATER WHEEL TURBINE SYSTEM IN VENTURI FLUME

(51) International classification	:F03B13/12
(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	:N/A
(61) Patent of Addition to Application Number Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)**Name of Applicant :**

1)NIKAM VAIBHAV MAHADEV

Address of Applicant :A/P KORHALE (BK), TAL :
BARAMATI, DISTRICT : PUNE PIN: 412103 Maharashtra India

(72)**Name of Inventor :**

1)NIKAM VAIBHAV MAHADEV

(57) Abstract :

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/12/2012

(21) Application No.3479/MUM/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PICK UP BAG FOR EXCRETA FROM PETS & HUMANS, SPILLED FOOD AND WASTE.

(51) International classification	:E01H1/12, A01K29/00	(71) Name of Applicant : 1)NAIK NINA RAMAKANT Address of Applicant :H2/7, SUNDER NAGAR, S.V. ROAD, MALAD (W), MUMBAI - 400 064 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) Name of Inventor : 1)NAIK NINA RAMAKANT
(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 said invention relates to a product which addresses the problem faced by people especially pet owners in handling excreta from pets in public places such as roads, parks etc. in a safe and hygienic manner. The current practice of using a plastic or paper bag is inefficient and there is a risk of touching the excreta which is unhygienic. The invention consists of a bag made of plastic or other material and has specially designed scoops to pick up the excreta and safely deposit it in the bag after which it will be sealed. This invention can also be used to handle human excreta and spilled food from babies and ailing adults. Thus this invention will also encourage those who would like to own pets but are worried about handling their excreta especially in public places. Overall it offers an efficient and better process in waste handling,

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

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.1/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :02/01/2012

(43) Publication Date : 04/01/2013

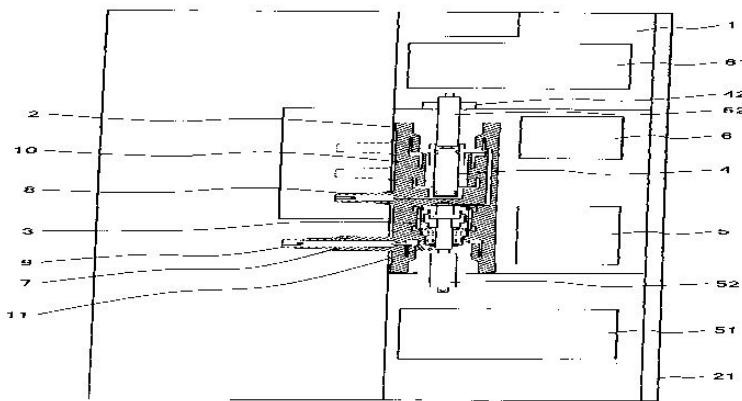
(54) Title of the invention : SWITCH UNIT AND SWITCHGEAR

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:2011-000895	1) HITACHI LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8280, JAPAN
(32) Priority Date	:06/01/2011	(72) Name of Inventor :
(33) Name of priority country	:Japan	1) SUGAI DAISUKE 2) SATO TAKASHI 3) UTSUMI TOMOAKI 4) SHIRONE TAKASHI 5) SATOU KAZUHIRO 6) HOSONO TAKAFUMI
(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 :

A switch unit (2, 102) includes a plurality of switches (3, 4), which are linearly disposed. The movable electrode (43) in one switch (4) and the fixed electrode (31) in another switch (31) are electrically connected to each other. [Selected Drawing] Fig. 1

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/04/2011

(21) Application No.1028/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ROLLER GRINDING MILL

(51) International classification	:B23B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)POLYSIUS AG
Address of Applicant :GRAF-GALEN-STR. 17, 59269
BECKUM GERMANY

(72)Name of Inventor :
1)FRERICHS DANIEL
2)HORSTER NILS
3)PETERS ALEXANDER
4)KONNING LUDWIG
5)RUTHER THOMAS

(57) Abstract :

The roller grinding mill according to the invention for comminuting brittle grinding stock substantially comprises a. at least one grinding roller which co-operates with a counter-face in such a manner that the grinding stock is comminuted between the grinding roller and the counter-face and b. a pressing system for applying a force to the grinding stock via the grinding roller, the pressing system having the following components: b1. at least one hydropneumatic store and b2. at least one dual-articulation actuating cylinder which is connected to the hydropneumatic store and which has pistons and a housing, the dual-articulation actuating cylinder having two pistons and a housing which acts as a coupling rod.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2011

(21) Application No.1104/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : POWER MANAGEMENT SYSTEM AND METHOD OF MANAGING POWER SUPPLY

(51) International classification	:G05G
(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)HOLE-IN-THE-WALL EDUCATION LIMITED

Address of Applicant :MINERVA BUILDING (GF), 8,
BALAJI ESTATE, SUDERSHAN MUNJAL MARG, KALKAJI,
NEW DELHI-110019. India

(72)**Name of Inventor :**

1)SANJAY GUPTA

2)SHAILENDER MINZ

3)VIVEK RANA

(57) Abstract :

The problem to be solved is to control start up and/ or shutting down of one or more computing devices with a single switch, depending on available input mains power supply and uninterruptible power supply to avoid abrupt shutdown of said computing device and the problem is solved by providing a power management system for controlling one or more computing devices, comprising a computing device (6,7,8); a switch (1) to initiate startup and/or shutdown of said computing device (6,7,8); a control unit (2) for powering said computing device (6,7,8) and communicating with said computing device (6,7,8) and said switch (1); uninterruptible power supply means (3) for monitoring supply of mains power (5) and for providing uninterruptible power supply to said computing device (6,7,8), said means (3) being connected to said control unit (2); and reporting means for reporting the status of mains power supply (5) and said switch (1); wherein when said control unit (2) detects said switch (1) in on mode, said unit (2) starts said computing device (6,7,8) and when said computing device (6,7,8) detects said switch (1) in off mode, said computing device (6,7,8) triggers a soft shut down of said computing device (6,7,8), if in working mode.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.15/DEL/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FINE BRIGHTNESS CONTROL IN PANELS OR SCREENS WITH PIXELS

(51) International classification

:G09D

(31) Priority Document No

:1100056.9

(32) Priority Date

:04/01/2011

(33) Name of priority country

:U.K.

(86) International Application No

:NA

Filing Date

:NA

(87) 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)PRYSM, INC.

Address of Applicant :180 BAYTECH DRIVE, SUITE 110,
SAN JOSE, CALIFORNIA 95134, UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)BUDNI, ANAND

2)KRALL, DONALD A.

(57) Abstract :

Techniques and devices use panels or screens with pixels for display or illumination applications to achieve dithered pixel brightness beyond pixel brightness levels set by a digital to analog conversion (DAC) circuit module with a preset DAC resolution between two adjacent DAC levels. In one implementation, when a pixel is to be dictated by a digital pixel signal to operate within an unstable brightness region, a control mechanism is provided to control the DAC circuit module to operate the pixel in the block at a DAC level below the unstable brightness region or at a different DAC level above the respective unstable brightness region, to achieve a perceived brightness level within the respective unstable brightness region.

No. of Pages : 114 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.16/DEL/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : LIGHTING DEVICE

(51) International classification

:G09D

(31) Priority Document No

:100200061

(32) Priority Date

:04/01/2011

(33) Name of priority country

:Taiwan

(86) International Application No

:NA

Filing Date

:NA

(87) 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) Abstract :

A lighting device includes a bottom housing a middle housing a top housing and a lamp head. Specifically the bottom housing has a bottom surface capable of supporting a lighting module. The middle housing is coupled to the top side of the bottom housing. The top housing is coupled to the top side of the middle housing such that the middle housing is disposed between the bottom housing and the top housing. The lamp head covers the sidewall of the top housing.

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

(71)Name of Applicant :

1)TOP ENERGY SAVING SYSTEM CORP.

Address of Applicant :3F. NO. 115 WU-KUNG 3RD RD.
WUGU DIST. NEW TAIPEI CITY 24891 TAIWAN (R.O.C.)

(72)Name of Inventor :

1)TSAI WEN-KUEI

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.1656/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A METHOD OF PREPARING ORGANOMAGNESIUM COMPOUNDS

(51) International classification	:C07C
(31) Priority Document No	:04008081.4
(32) Priority Date	:02/04/2004
(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	:849/DEL/2005
Filed on	:01/04/2005

(71)Name of Applicant :

1)Ludwig-Maximilians-Universitt M!^{an}nchen

Address of Applicant :Geschwister-Scholl-Platz 1 D-80539
M!^{an}nchen GERMANY

(72)Name of Inventor :

1)KNOCHEL Paul

2)KRASOVSKIY Arkady

(57) Abstract :

The present invention is related to a method of preparing organomagnesium compounds, comprising the following steps of a) providing a compound having the general formula: R2A; b) providing an organomagnesium compound having the general formula R1(MgX)nif—LiY; and c) reacting the compounds provided in step a) and b) under suitable conditions; thereby obtaining the respective organomagnesium compound.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1676/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : NOVEL SGLT INHIBITORS

(51) International classification	:G06Q30/01	(71) Name of Applicant : 1)PANACEA BIOTEC LIMITED Address of Applicant :B-1, EXTN. A/27 MOHAN CO-OPERATIVE, INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI 110044 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)JAIN, RAJESH
(87) International Publication No	:NA	2)TREHAN, SANJAY
(61) Patent of Addition to Application Number	:NA	3)DAS, JAGATTARAN
Filing Date	:NA	4)NANDA, GURMEET, KAUR
(62) Divisional to Application Number	:NA	5)THUNGATHURTHI, SAstry V.R.S.
Filing Date	:NA	6)SINGH, NISHAN
		7)SHARMA, SUDHIR, KUMAR

(57) Abstract :

The present invention relates to novel compounds of Formula I, their pharmaceutically acceptable derivatives, tautomeric forms, isomers, polymorphs, prodrugs, metabolites, salts or solvates thereof. The invention also relates to the processes for the synthesis of novel compounds of Formula I, their pharmaceutically acceptable derivatives, tautomeric forms, isomers, polymorphs, prodrugs, metabolites, salts or solvates thereof. The present invention also provides pharmaceutical compositions comprising novel compounds of Formula I and methods of treating or preventing one or more conditions or diseases that may be regulated or normalized via inhibition of Sodium Glucose Cotransporter-2 (SGLT-2).

No. of Pages : 104 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1679/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A DUST MIXING DEVICE

(51) International classification	:B03C
(31) Priority Document No	:10166948.9
(32) Priority Date	:22/06/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SULZER CHEMTECH AG

Address of Applicant :SULZER-ALLEE 48, CH-8404
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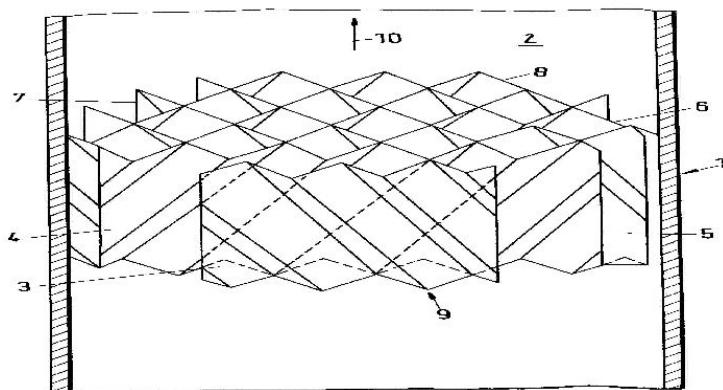
(72)Name of Inventor :

1)SEBASTIAN HIRSCHBERG

(57) Abstract :

A method of mixing dust comprises the step of introducing the dust into a closed passage, directing the dust in the closed passage to a static mixer, wherein the static mixer is disposed with a mixing element, the mixing element having a surface which is inclined with respect to the main axis of the closed passage with the surface of the mixing element being disposed with a surface structure of a small scale, such that the dust particles arriving at the surface are reflected by the surface structure in a random manner. A dust mixing device (1) for performing the method thus contains a closed passage (2) and a static mixer (9) arranged in the closed passage (2), wherein the static mixer comprises a mixing element (3,4,5,6,7,8) for deflection of a solid particle flow (10) inside the passage. The mixing element is disposed at least partially with a surface structure of a small scale. (Fig. 1)

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1737/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ASSEMBLY AND WELDING METHOD FOR COUPLING A ROTOR TO THE SHAFT OF A PEDAL ASSEMBLY

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:61/357,779	1)CTS CORPORATION
(32) Priority Date	:23/06/2010	Address of Applicant :905 WEST BOULEVARD NORTH, ELKHART, INDIANA 46514 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)CAMPBELL ANDREW
Filing Date	:NA	2)CAMPBELL WILLIE
(87) International Publication 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 assembly and method for coupling the rotor of a vehicle pedal assembly to the shaft of a vehicle pedal assembly. In one embodiment, the rotor includes a collar with an interior surface defining a plurality of slots and the shaft includes a distal neck which extends into the collar of the rotor. A weld horn is inserted into the collar and into contact with the neck of the shaft for melting a portion of the neck and causing the material of the molten neck to flow into the slots for securing the rotor to the shaft.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1680/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : REDISPERSIBLE POLYMER POWDER COMPOSITIONS PREPARED FROM STYRENE BUTADIENE-BASED LATEX FOR DRY MIX FORMULATIONS

(51) International classification

:B03C

(31) Priority Document No

:61/397,635

(32) Priority Date

:15/06/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)**DOW STADE PRODUCKTIONS GMBH & CO. OHG**

Address of Applicant :BUETZFLETHERSAND, D-21683
STADE, GERMANY

2)**DOW OLEFINVERBUND GMBH**

3)**DOW EUROPE GMBH**

(72)Name of Inventor :

1)**JUERGEN DOMBROSKI**

2)**ETIENNE LAZARUS**

3)**MARGARITA PERELLO**

4)**HARTMUT KUEHN**

5)**GERALD ADOLF LOHMUELLER**

(57) Abstract :

Redispersible polymer powder compositions which include a polyglycol in admixture with a redispersible polymer powder (RDP), which powder includes a codried mixture of a carboxylated, water insoluble film-forming styrene butadiene polymer and a colloidal stabilizer, results in cement compositions having unexpectedly superior overall bonding strength and adhesion after water immersion. Use of the polyglycol provides good workability or ease of troweling during application. In addition, the RDP composition, which includes the RDP and the polyglycol, provides the cement-based composition with excellent abrasion resistance, surface appearance, and color. Also, the RDP composition provides for at least a 30% reduction, for example a 50% or more reduction in the amount of retarder or retardant employed in the dry mix formulation for cement compositions, such as self leveling flooring compounds or compositions, and cement-based tile adhesives.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.1730/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTINUOUS RECYCLING OF WASTE PLASTIC INTO LIQUID FUELS

(51) International classification	:F03D9/03	(71) Name of Applicant : 1)Tandon Amit Address of Applicant :H.No 75 Sector 7 Panchkula (Haryana) Pincode : 134109 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 : 1)Tandon Amit
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:1597/DEL/2011	
Filed on	:06/06/2011	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system (100) is provided for continuous recycling of waste plastic feedstock into liquid fuels. The method includes sending the feedstock into a rotary retort vessel at an input end of the rotary retort vessel. The feedstock is received on either sides of a partition structure, wherein the partition structure connects the input end of the rotary retort vessel to an output end of the rotary retort vessel. The feedstock is pyrolyzed in the rotary retort vessel, wherein the feedstock produces gaseous byproducts and non-gaseous byproducts. The byproducts are moved towards the output end of the rotary retort vessel, wherein the movement is facilitated by declination of the rotary retort vessel and the one or more partition structures. The non-gaseous byproducts are continuously removed from the rotary retort vessel.

No. of Pages : 32 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/06/2011

(21) Application No.1731/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR CONNECTING A CONNECTOR TO A PLURALITY OF SOLAR CELLS AT A SAME TIME

(51) International classification	:F03D9/04	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SOMONT GmbH
(32) Priority Date	:NA	Address of Applicant :Im Brunnenfeld 8 Umkirch
(33) Name of priority country	:NA	GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RICHTER Andr
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are apparatus and methods for interconnecting a plurality of solar cells by means of plating in a plater. The apparatus comprise atleast a first connection unit having atleast one of a first cell holding member and a first connector holding member, wherein atleast one of the first cell holding member and the first connector holding member is capable of releasably holding atleast one of the plurality of solar cells and a connector atleast partially in contact with each other or close to each other for the interconnection during the plating.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1745/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRONIC PROGRAMMING SYSTEM FOR DETONATING FUSES

(51) International classification	:H03F
(31) Priority Document No	:TO2010A000534
(32) Priority Date	:22/06/2010
(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

(71)**Name of Applicant :**
1)OTO MELARA SPA
Address of Applicant :VIA VALDILOCCHI, 15, 19136 LA
SPEZIA, ITALY
(72)**Name of Inventor :**
1)ANDREA BRUSCHI

(57) Abstract :

Electronic programming system for programmable ammunitions M implemented in a firearm (1), said system adapted to send information to a detonating fuse of an ammunition M, which stores the information inside it, and adapted to receive information on the characteristics of the ammunition M from the detonating fuse itself. Said programming system is directly implemented inside a firearm 1, comprising at least one firearm-control unit 2, adapted to control all the systems implemented in said firearm 1. Said electronic programming system comprising, furthermore, at least one actuation mechanism 4, adapted to provide an electrical coupling between the detonating fuse and the programming system itself, and a programmer-control device 3, which, via appropriate interfaces, manages the data flows for communication both with the detonating fuse and with firearm-control unit 2.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1005/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : STARTER FOR THERMAL ENGINE EQUIPPED WITH AN ELECTRONIC CONTROL DEVICE

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:10/53594	1)VALEO EQUIPEMENTS ELECTRIQUES MOTEUR
(32) Priority Date	:07/05/2010	Address of Applicant :2 RUE ANDRE BOULLE, 94046 CRETEIL CEDEX, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:NA	1)STEPHANE PLAIDEAU
Filing Date	:NA	
(87) International Publication 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 starter according to the invention comprises the association of a double contact electromagnetic contactor (10) comprising an electrically controllable micro-actuator of the micro-solenoid type and an electronic control device (ECC). The electronic control device comprises first transistor commutation means (T1, T2, CZ2, RC1, RC3, SL) to control the excitation of a pull-in winding (La) of the contactor and second transistor commutation means (T3, CZ2, RC2) to control the excitation of the micro-actuator. Second transistor commutation means control the excitation of said micro-actuator (MS) for a predetermined duration after activation of the electronic control device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.1381/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : IMPROVEMENT IN SUBMERSIBLE MOTOR'S

(51) International classification	:H01R	(71) Name of Applicant : 1)NARENDRA SINGH JAT Address of Applicant :C/O MAHENDRA SINGH MUWQAL, GRAM CHINDALIYA, POST BALDA, VIA KELVADA, TEHSIL SHAHBAD, ZILA BARAN, 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 :

NA

No. of Pages : 4 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/05/2011

(21) Application No.1383/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HISTONE DEACETYLASE INHIBITORS

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:12/781,979	1)TAIPEI MEDICAL UNIVERSITY
(32) Priority Date	:18/05/2010	Address of Applicant :250 WU-HSING STREET TAIPEI
(33) Name of priority country	:U.S.A.	CITY TAIWAN 11048 (R.O.C.) Taiwan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)WANG, HUI-PO
(87) International Publication No	:NA	2)LEE, ON
(61) Patent of Addition to Application Number	:NA	3)CHENG, YU-WEN
Filing Date	:NA	4)WANG, CHUN-II
(62) Divisional to Application Number	:NA	5)CHANG, FENG-SHUO
Filing Date	:NA	6)CHE-CHIH, HSIAO

(57) Abstract :

This invention relates to novel Histone deacetylases inhibitors. Also disclosed is a method for treating mucositis or cancer with these inhibitors.

No. of Pages : 31 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1645/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :10/06/2011

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR UTILIZING ROTORSPEED ACCELERATION TO DETECT ASYMMETRIC ICING

(51) International classification	:H01S
(31) Priority Document No	:12/824,516
(32) Priority Date	:28/06/2010
(33) Name of priority country	:U.S.A.
(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)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)OING HUBERT

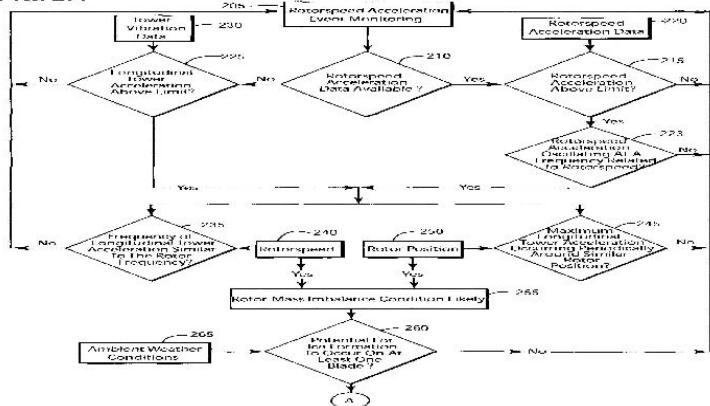
2)SUNDERMANN BASTIAN

3)SIUTS CHRISTIAN

(57) Abstract :

A method (200) and system (180) for detecting asymmetric utilizing longitudinal tower acceleration data may include: providing a rotorspeed acceleration monitoring system (180); determining from the rotorspeed acceleration monitoring system (180) whether a rotorspeed acceleration is above a rotorspeed acceleration limit; determining whether a rotor-mass imbalance condition exists; and determining whether a longitudinal tower acceleration coincides with icing on a rotor.

FIG. 2A



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1695/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : glass fiber article and glass fiber reinforced plastic

(51) International classification	:H01R	(71) Name of Applicant :
(31) Priority Document No	:2010-138936	1)Nissin Chemical Industry Co. Ltd. Address of Applicant :17-33 Kitago 2-chome Echizen-shi Fukui-ken Japan.
(32) Priority Date	:18/06/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)Takayuki HAYASHI 2)Shinichiro NAKAYA
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication 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 glass fiber article in which glass fibers are treated with a sizing composition including a synthetic resin emulsion obtained by polymerizing, in the presence of an alkylene-modified polyvinyl alcohol as a protective colloid, vinyl acetate monomer alone or a monomer mixture of vinyl acetate monomer and one or more unsaturated-group-containing monomers copolymerizable with vinyl acetate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1740/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AN ORGANOMAGNESIUM COMPOUND

(51) International classification	:C07D471/04
(31) Priority Document No	:04008081.4
(32) Priority Date	:02/04/2004
(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	:849/DEL/2005
Filed on	:01/04/2005

(71)Name of Applicant :

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Address of Applicant :Geschwister-Scholl-Platz 1 D-80539

M%nchen GERMANY

(72)Name of Inventor :

1)KNOCHEL Paul

2)KRASOVSKIY Arkady

(57) Abstract :

The present invention is related to an organomagnesium compound having the general formula R1(MgX)nLiY; wherein n is 1 or 2; R1 is a substituted or unsubstituted C4-C1024 aryl or C3-C24 heteroaryl, containing one or more heteroatoms as B, O, N, S, Se, P, F, Cl, Br, I, or Si; linear or branched, substituted or unsubstituted C31-C205 alkyl, C2-C20 alkenyl or C2-C20 alkynyl; or substituted or unsubstituted C3-C820 cycloalkyl; or a derivative thereof;

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1770/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CONJUGATE-BASED ANTIFUNGAL AND ANTIBACTERIAL PRODRUGS

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)VYOME BIOSCIENCES PVT LTD

Address of Applicant :459 F.I.E., FIRST FLOOR,
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(72)Name of Inventor :

1)ABHIJIT S. BAPAT

2)GAUTHAMI MAHESH

3)RAJESH S. GOKHALE

4)SAYALI S. SHAH

5)SHILADITYA SENGUPTA

6)SUDHANAND PRASAD

7)SUMANA GHOSH

8)SURESH R. CHAWRAI

(57) Abstract :

The invention provides conjugate-based antifungal or antibacterial prodrugs formed by coupling at least one antifungal agent or antibacterial agent with at least one linker and/or carrier. The prodrugs are of formula: (i) (AFA)m-X-(L)n; (ii) [(AFA)m-X]p-L; (iii) AFA-[X-(L)n]q; or (iv) (AFA)m-X, wherein: AFA is an antifungal agent or an antibacterial agent; L is a carrier; X is a linker; m ranges from 1 to 10; n ranges from 2 to 10; m' is 1 to 10; p is 1 to 10; n' is 1 to 10; and q is 1 to 10, provided that q' and n are not both 1; and m is 1 to 10. The invention also provides nonaprticels comprising the conjugate-based prodrugs. Additonoally, the invention also provides non-conjugated antifungal and antibacterial agents in the form of nanoparticles.

No. of Pages : 172 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1354/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : STRUCTURE FOR LOWER PART OF INSTRUMENT PANEL□

(51) International□classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-112717	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:15/05/2010	Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-ken JAPAN
(□3) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)Hiroyuki KAWAGUCHI
Filing Date	:NA	
(87) International Publication 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 structure for a lower part of an instrument panel includes an instrument panel main body 2, an opening 2H formed in a lower edge part of the instrument panel main body 2, and a knee airbag module 9 housed in the opening 2H and fixed in a peripheral part of the opening 2H, in which the knee airbag module 9 and the lower edge part of the instrument panel main body 2 are fixed to a steering support member bracket 23 extending from the steering support member 21.

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2011

(21) Application No.1417/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : WAXY COATINGS ON PLANT PARTS

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:61/347,977	1)ROHM AND HAAS COMPANY
(32) Priority Date	:25/05/2010	Address of Applicant :100 INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA, 19106, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)DEIRDRE MARGARET HOLCROFT
Filing Date	:NA	2)WALTER SERGIO PINTO PEREIRA
(87) International Publication 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 method of treating plant parts comprising forming a coating on the surface of said plant parts by applying a layer of a coating composition to said surface of said plant parts, wherein said coating composition comprises (a) one or more wax, and (b) one or more cyclopropene compound.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/06/2011

(21) Application No.1653/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MULTIPLE VARIABLE PEDALING FORCE ENERGY SUMMATOR

(51) International classification	:B61G
(31) Priority Document No	:US61/397,392
(32) Priority Date	:11/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PRABAL KUMAR GUHA

Address of Applicant :601 WENSLEY COURT, FLORENCE
SC 29501, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)PRABAL KUMAR GUHA

(57) Abstract :

A system for adding the energy produced by more than one pedaling devices is provided, wherein pedaling force applied to each pedaling device to generate energy is not restricted, and wherein the energy generated by the pedaling devices is summated substantially correctly not only under conditions when the forces applied to the pedaling devices are different, but also under the conditions when the rate of energy produced by the multiple pedaling devices is different comprising more than one pedaling devices 5, 6, 7, 8, wherein each pedaling device is provided with means 1, 2, 3, 4 for applying the force to pedaling device 5, 6, 7, 8 in up and down directions, and means 9, 10, 11, 12 for flow of compressed air from pedaling device 5, 6, 7, 8 to air storage tank 13, and an air storage tank 13, wherein the air storage tank 13 is connected to pedaling devices 5, 6, 7, 8 through means 9, 10, 11, 12 for flow of compressed air for storing the compressed air to result in summing or storing the energy generated by each pedaling device 5, 6, 7, 8, wherein each pedaling device 5, 6, 7, 8 comprises at least one set of cylinder 15, 16, 17 and piston 18, 19, 20 for generating the air pressure.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1762/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A NOVEL HPLC MEHTOD OF ESTIMATION OF ACECLOFENAC FROM MULTIPARTICULATE DOSAGE AND USES THEREOF

(51) International classification	:E04H
(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)SUMEET GUPTA

Address of Applicant :MM COLLEGE OF PHARMACY,
MAHARISHI MARKANDESHWAR UNIVERSITY,
MULLANA, AMBALA (HARYANA)-133207 India

(72)**Name of Inventor :**

1)SUMEET GUPTA

2)VIPIN SAINI

3)TEJAS K GHELANI

(57) Abstract :

A simple, sensitive, accurate, economical and reproducible HPLC method has been developed for estimation of aceclofenac from multiparticulate dosage form. An octa decyl silane (ODS) C18 column from shimadzu in gradient mode, with mobile phase HPLC grade acetonitrile and water in the ratios of 50:50 was used. The following method obeyed the Beer's law in the concentration range 5-25 µg/ml. The result of analysis were validated both for statistically and by recovery studies. The statistical analysis of data indicated a high level of accuracy for the proposed method as evidenced by low standard deviation (SD) values.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1838/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TESTING STRIP FOR DETECTING DENGUE FEVER

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:099212345	1)ASIAGEN CORPORATION
(32) Priority Date	:29/06/2010	Address of Applicant :4F No.3 Nanke 3rd Road, Southern Taiwan Science Park Xinshi Dist. Tainan City 74147 Taiwan
(33) Name of priority country	:Taiwan	(72) Name of Inventor :
(86) International Application No	:NA	1)CHOU George Chin Sheng
Filing Date	:NA	2)WEI Jun Chen
(87) International Publication 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 testing strip for detecting dengue virus that causes dengue fever. The testing strip comprises: a supporting body and thereon a sample pad, a conjugate reagent pad, a test membrane, and an absorbent pad. Reactants are applied on the conjugate reagent pad for specifically reacting with a sample to be tested. When the test sample is carried to the conjugate reagent pad by capillary action from the absorbent pad, the sample interacts with the reactant in the conjugate reagent pad and results in conjugates. Test line and control line coated on the test membrane may then capture the conjugates and generate a color reaction when the complex passes by. According to the color reaction, the existence of the detected target within the sample is determined.

No. of Pages : 13 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1739/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : RESCUE KIT FOR A WIND TURBINE, A WALL FOR A WIND TURBINE, AND A PORTION OF A COMPARTMENT OF A WIND TURBINE

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/825,732	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:29/06/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK, 12345, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)NIEHUES THOMAS 2)HUELSING RALF BERND
(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 disclosure relates to a rescue kit for a wind turbine, the rescue kit including at least one flame resistant descent device (241) including at least one flame resistant rope (242). Further, the disclosure relates to a wall (222, 224, 226, 320, 410) for a wind turbine, the wall having a first side adapted to be directed to a first space (332) and a second side adapted to be directed to a second space (330) different from the first space, wherein the wall includes at least one box (238, 300, 414) for a rescue kit, in particular a rescue kit according to one of the embodiments disclosed. Finally, the disclosure relates to a compartment portion (110, 410, 220) of the wind turbine, the portion of a compartment including a rescue kit according to one of the embodiments disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

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

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR AIMING TARGET

(51) International classification	:G06M	(71) Name of Applicant :
(31) Priority Document No	:61/357,675	1)BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRATION INC.
(32) Priority Date	:23/06/2010	Address of Applicant :P.O. BOX 868 NHQ1-719 NASHUA, NH 03061-0868 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)JOCK, MICHAEL
Filing Date	:NA	2)CARPENTER, SCOTT D.
(87) International Publication No	:NA	3)JASMIN, MARK J.
(61) Patent of Addition to Application Number	:NA	4)GREALISH, KEVIN J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a system for determination of attitude for a projectile in flight. The system includes at least one antenna mounted on the projectile. Each antenna is configured to receive Global Positioning System (GPS) signals. Further, the system includes a signal receiving unit communicably coupled to the each antenna to receive the GPS signals and to ascertain the earth referenced velocity vector. The system also includes a plurality of magnetometers for ascertaining a projectile referenced earth's magnetic field vector. Moreover, the system includes a processing unit. The processing unit is configured to utilize a known projectile referenced velocity vector and a stored prediction of the earth referenced earth's magnetic field vector along with the measured earth referenced velocity vector and the measured projectile referenced earth's magnetic field vector to determine the attitude of the projectile. Further disclosed is a method for determination of attitude for a projectile in flight.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2011

(21) Application No.1819/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : WATER DISPERSIBLE ORAL NANOFORMULATION OF CHELATING AGENTS ENCAPSULATED POLYMERIC NANOPARTICLES TARGETING BRAIN FOR THE TREATMENT OF HEAVY METAL POISONING

(51) International classification	:A61K	(71) Name of Applicant : 1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION Address of Applicant :MINISTRY OF DEFENCE, ROOM NO. 348, B- WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110011 (INDIA)
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor : 1)FLORA, SWARAN JEET SINGH 2)YADAV, ABHISHEK 3)VIJAYARAGHAVAN, R.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to water dispersible polymeric nanoparticles comprising chelating agents for detoxification of heavy metal poisoning, wherein the chelating agent is encapsulated in polymeric micelles to obtain polymeric nanoparticles. The present invention also provides a process for the preparation of water dispersible polymeric nanoparticles used in the treatment of heavy metal poisoning.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 04/01/2013

(54) Title of the invention : A TESTING DEVICE FOR TESTING PRINTED CIRCUIT BOARDS IN A SET TOP BOX AND A METHOD OF COMPREHENSIVE TESTING OF PRINTED CIRCUIT BOARDS IN A SET TOP BOX

(51) International classification	:H04L
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MY BOX TECHNOLOGIES PVT. LTD.

Address of Applicant :303, 73 - 74 SHEETLA HOUSE,
NEHRU PLACE, NEW DELHI, INDIA.

(72)Name of Inventor :

1)RAJEEV DHAWAN

2)AMIT KHARABANDA

(57) Abstract :

The invention relates to a testing device for comprehensive testing of printed circuit boards in a set top box to identify pre-assembly and post-assembly defects, comprising a mounting plate for supporting a printed circuit board under test wherein the mounting plate accommodates a plurality of probe assemblies having probe pins electrically contactable to the target PCB; a pneumatic means having a plate for pressing the PCB against the pins of the probe assembly; connecting cables for connecting PCB testing points selected from power supply, Tuner Section, Crystal section, smart card reader section to the PCB under test via the probe assemblies; PCB-testing points operably connected to the mounting plate and providing power and data input via the probe assemblies to the PCB under test; and the PCB comprises a non-volatile memory device Incorporated with a testing sequence operable for system - level testing of the PCB-assembly cleared through pre-assembly testing, and an input device and a display device for Inputting test parameters and outputting test results. {FIGURE 1}

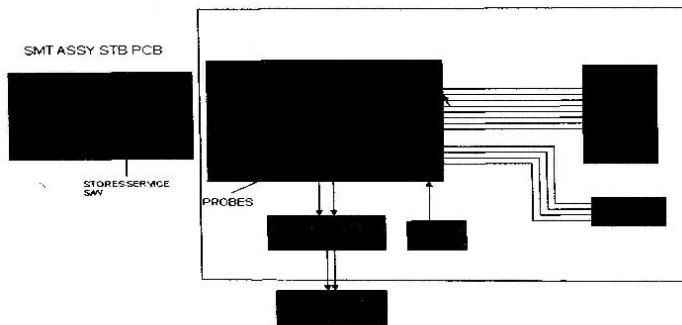


FIGURE-1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1824/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AN IMPROVED METHOD FOR EXTRACTION OF GLYCOSIDES FROM PINEAPPLE PEEL.

(51) International classification	:A61K31/198
(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)AMITY UNIVERSITY

Address of Applicant :AMITY UNIVERSITY CAMPUS
SECTOR-125, NOIDA-201303, UP, INDIA.

(72)Name of Inventor :

1)DEVI DATT JOSHI

2)PREETI PANTHARI

(57) Abstract :

An improved method for the extraction of glycosides from pineapple peel is provided. The peel of Pineapple (*Ananas comosus*) fruit, an agro-waste, is extracted for glycosides with 4 times volume of isopropyl alcohol, at ambient temperature with stirring, for 3 hours each at thrice. The solvent is distilled out under vacuum at 60°C to 80 °C and the un-distilled mass is added with 4 times acetone, LR (v/v). The resulting precipitate obtained is vacuum dried at 60 to 80°C. An off creamy hygroscopic powder is obtained, which has glycosidal test on developing TLC confirming the positive test for glycosides. The glycoside has found application in natural detergent industry and in cosmetics.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1835/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SET TOP BOX CONTENT MONITORING

(51) International classification	:H04H60/3	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL-LUCENT
(32) Priority Date	:NA	Address of Applicant :3, AVENUE OCTAVE GREARD, PARIS 75007, FRANCE
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)KARTHICK, RAJAPANDIYAN
Filing Date	:NA	2)MUTHUSAMY, MUTHIAH
(87) International Publication No	:NA	3)NARAYANAN, VIJAY
(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 method(s) and system(s) for monitoring content in a shared transmission environment (100). In an embodiment, to monitor the content, the method includes identifying by a master set top box (102-1), a content associated with a shared set top box (102_s) where the shared set top box (102_s) is coupled with the master set top box (102-1) in the shared transmission environment (100). The method also includes receiving a content data of the content associated with the shared set top box (102_s) from a service provider system (108) and providing the content to a user of the master set top box (102-1). In said method, the content associated with the shared set top box (102_s) may be identified upon authorization from the service provider system (108) based on a credential set associated with the master set top box (102-1).

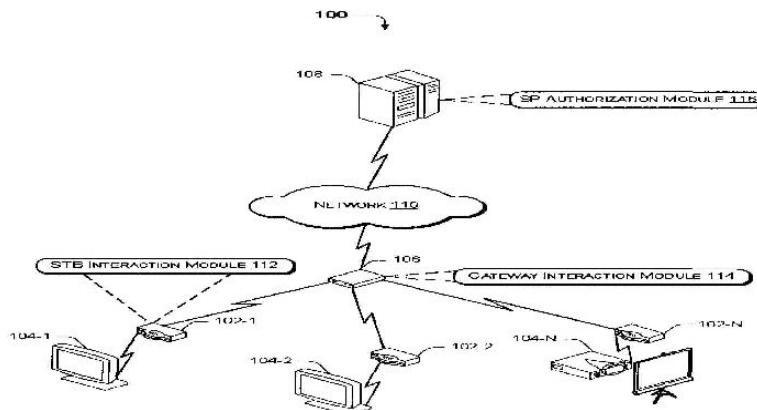


Fig. 1

No. of Pages : 46 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2011

(21) Application No.1845/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FLEXIBLE DEVICE FOR CREATING 3 DIMENSIONAL OBJECTS

(51) International classification	:A61F2/74	(71) Name of Applicant : 1)AMITABH KHARBANDA Address of Applicant :A-68, SECTOR 17, NOIDA-201301, UTTAR 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 : 1)AMITABH KHARBANDA
Filing Date	:NA	
(87) International Publication 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 tubular device for configuring to virtually any shape and figure or to make various 3 dimensional representations of living beings or objects, according to users imagination and creativity. The device is soft yet robust and safe to be used by children, as it is made up of highly soft and safe materials, wherein both the fabric used for making the device and the filler material enhance the shape changing property of the device. The device can be twisted, turned, bent or molded in to any number of shapes and figures, without any difficulty and can be handled by users of all age group.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1860/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CLOUD COMPUTING INTEGRATION FOR SENSOR NETWORKS

(51) International classification	:A61B5/0205	(71) Name of Applicant : 1)UNISYS CORPORATION Address of Applicant :SUITE 100, 801 LAKEVIEW DR., BLUE BELL, PA 19422, UNITED STATES OF AMERICA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)BHARATH SRIDHAR
Filing Date	:NA	
(87) International Publication 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 sensor network may be coupled to a cloud computing system for improved reliability, flexibility, and functionality. The sensor network may communicate with the cloud computing system through a coordinator gateway device through a wireless network. Data recording and data processing is offloaded from the individual sensors to the cloud computing system, which has significantly better reliability and processing capability and is not restricted by battery life. The recorded and processed data residing on the cloud computing system may be viewed, manipulated and modified through a client device displaying an application, web page, and/or application program interface (API).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1941/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHODS FOR PREPARING FUEL COMPOSITIONS FROM RENEWABLE SOURCES, AND RELATED SYSTEM

(51) International classification	:C07C
(31) Priority Document No	:12/845,333
(32) Priority Date	:28/07/2010
(33) Name of priority country	:U.S.A.
(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

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK, 12345 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)LISSIANSKI VITALI VICTOR

2)RIZEQ R. GEORGE

3)SINGH SURINDER PRABHJOT

(57) Abstract :

A method for producing a fuel composition (32) from a feedstock (12) which may contain biomass and municipal solid waste is described. The method includes the step of pyrolyzing the feedstock (12) in the presence of a transition metal, using microwave energy (16), so that the level of oxygen in at least one product of the pyrolysis is reduced. An integrated process is also described, in which the transition metal can be regenerated. Moreover, pyrolysis products such as bio-oils can be upgraded to liquid fuel compositions (32). Related systems (10) for producing fuel compositions are also described.

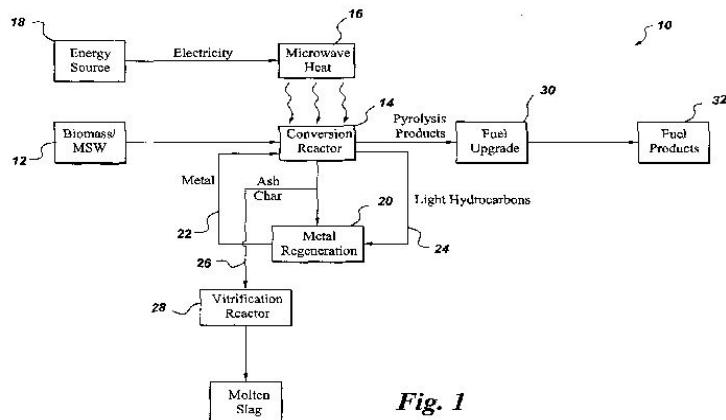


Fig. 1

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1857/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AN APPARATUS FOR AUTOMATED TEST RIG, TO DETERMINE ASSOCIATED TEST PARAMETERS OF TRANSFORMERS

(51) International classification	:H02B 13/00	(71)Name of Applicant : 1)SUKAM POWER SYSTEMS LIMITED Address of Applicant :306, KIRTI DEEP BUILDING, NAGAL RAYA NEW DELHI - 46, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72)Name of Inventor : 1)KUNWER SACHDEV 2)SANJEEV KUMAR SAINI 3)ELLENDULA SHIVA PRASAD 4)PRASHANT PATHAK 5)DEEPAK PANDEY
(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 invention relates to an apparatus for automated test rig, to determine associated test parameters of transfers, the transformer comprising at least a primary winding and a secondary winding, the apparatus comprising: an alternating current (AC) power source to supply an AC signal; a variable AC voltage controller connected to the mains; a start switch, a control unit comprising a controller including a processor and a memory; a plurality of visual indicators; a communication interface; and a RTC, the primary signals transmitted through the switch and the secondary signals of the transformer under test fed to the controller, the switch being coupled to a power supply to provide power to the transformer during the test. {FIGURE 1}

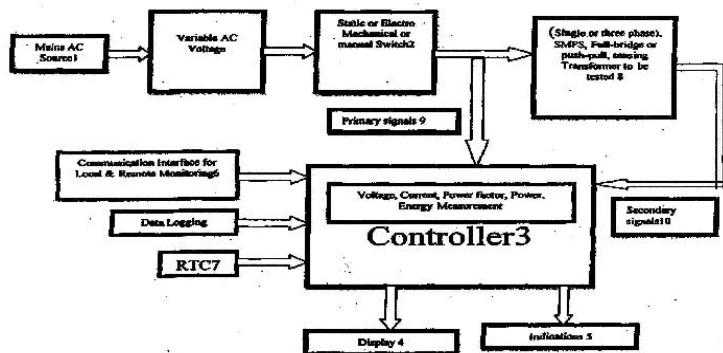


Fig. 1

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.1858/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A METHOD OF ELECTRONICALLY CONDUCTING VIRTUAL EXCHANGE UNDER NEGOTIATION OF GOODS AND SERVICES IN A SYSTEM OVER A COMMUNICATION NETWORK

(51) International classification	:G06F17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VAS DATA SERVICES PRIVATE LIMITED

Address of Applicant :K-618, II FLOOR, RANGPURIBLOCK A, DELHI - 110037, INDIA

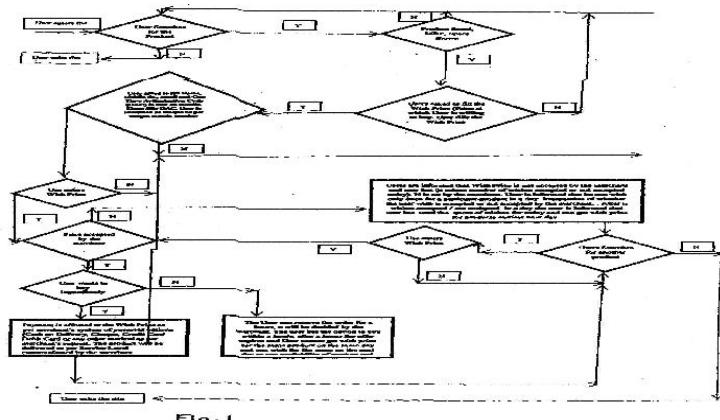
(72)Name of Inventor :

1)VIVEK GAUR

2)SANDEEP SHARMA

(57) Abstract :

The invention relates to a method of electronically conducting virtual exchange under negotiation of goods and services in a system over a communication network, the system comprising : a web server displaying the detailed data in respect of exchangeable commodity or services; a hand-held device enabled to access the web server via internet, the device having at least one input means, a processor, and a display means; and a client node configured to communicate in real time through the web-server with the hand-held device, the method comprising the steps of inputting a base data by the hand-held device via the internet, the data representing selection of one of a commodity and service; the features including price of the Selected Commodity or product displayed on the web server transmitted to the hand-held device in the form of animated characters; transmitting an offered price data to the client node through the web Server by the hand-held device; determining the acceptability or otherwise of the offered price by the client node and retransmitting via the web server the result of said determination to the hand-held device; and transferring the commodity or services under the agreed condition upon selection of settlement terms on consideration criterion to the user of the hand-held device by the user of the client node. {FIGURE 1}



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/07/2011

(21) Application No.1934/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MICROBIOCIDAL COATINGS

(51) International classification

:A01H

(31) Priority Document No

:2010

10234638.3

(32) Priority Date

:13/07/2010

(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)DOW GLOBAL TECHNOLOGIES, LLC.

Address of Applicant :2040 DOW CENTER, MIDLAND,
MICHIGAN 48674, UNITED STATES OF AMERICA

2)ROHM AND HAAS COMPANY

(72)Name of Inventor :

1)HENRY CHEN

2)JENNIFER REICHL COLLIN

3)JANET NADYA YOUNATHAN

4)CHRISTOPHER JOHN TUCKER

5)YONNIE DONG YUN

6)LYNN CAROL MUNZ

7)FANWEN ZENG

(57) Abstract :

There is provided a coating composition comprising (a) one or more microbicide, (b) one or more soluble polymer comprising acrylamide as polymerized units, wherein said polymer has is non-anionic, and (c) solvent, wherein said polymer is dissolved in said solvent. Also provided is a method of coating a substrate with such a coating, and also provided is the resulting coated substrate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/07/2011

(21) Application No.1972/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : YARN TRAVELLING INFORMATION ACQUIRING DEVICE AND YARN WINDING MACHINE

(51) International classification	:F21S	(71) Name of Applicant :
(31) Priority Document No	:2010-194581	1)MURATA MACHINERY, LTD
(32) Priority Date	:31/08/2010	Address of Applicant :3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(33) Name of priority country	:Japan	Japan.
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)KAWABATA SATOSHI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)MINAMINO KATSUSHI
(62) Divisional to Application Number Filing Date	:NA :NA	3)NAKATANI MASATOSHI

(57) Abstract :

A first yarn unevenness detecting sensor detects thickness unevenness in travelling yarn and outputs a first yarn thickness unevenness signal. A second yarn unevenness detecting sensor is arranged at a prescribed distance from the first yarn unevenness detecting sensor, and detects thickness unevenness in the yarn and outputs a second yarn thickness unevenness signal. A similarity degree evaluating section determines a plurality of similarity degrees by performing a similarity degree evaluation processing. A weighting processing section executes a weighting processing on the plurality of the similarity degrees and determines a plurality of weighted similarity degrees. A travelling information acquiring section calculates a time delay amount between the first yarn thickness unevenness signal and the second yarn thickness unevenness signal in accordance with the weighted similarity degree, and acquires travelling information of the yarn in accordance with the delay amount.

No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2011

(21) Application No.1821/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : IDENTIFICATION SYSTEMS

(51) International classification	:G06K19/07	(71) Name of Applicant : 1)ARJUN ASTHANA Address of Applicant :B 132 BROTHERHOOD APTS, H BLOCK, VIKASPURI NEW DELHI 110018 India
(31) Priority Document No	:NA	2)ATUL ASTHANA
(32) Priority Date	:NA	(72) Name of Inventor :
(33) Name of priority country	:NA	1)ARJUN ASTHANA
(86) International Application No	:NA	2)ATUL ASTHANA
Filing Date	:NA	
(87) International Publication 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 of verification of document comprising creating data packet from data of document, applying mathematical transformation function to the data packet to create transformed data packet, converting the transformed data packet into visually recognisable code, visually recognising the visually recognisable code to extract visually recognised data packet, applying mathematical transformation function to the visually recognised data packet to create extracted data packet, verifying the document based on comparison of data of document with the extracted data packet.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1828/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A TAMPER EVIDENT SECURITY CLOSURE DEVICE

(51) International classification	:B65D
(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)Kshitij Jain

Address of Applicant :BG/46 East Shalimar Bagh Delhi -
110088 India

(72)Name of Inventor :

1)Kshitij Jain

(57) Abstract :

A tamper evident security closure device A tamper evident security closure device for bottles and bottle like containers comprising an outer top (1), an inner top (2), a security ring (8), a cylindrical bottom (3), a pourer body (4) and a stopper body (5). The pourer body comprises extended sleeve (22) with inwardly projected locking teeth (23). Multiple teeth (23) on the sleeve (22) result in a jaw like structure to irreversibly lock the pourer body on the neck of the bottle/ bottle like container. Due to the locking teeth (23) on the skirt (22) of the pourer body (4), it gets locked on the bottle neck which cannot be removed from the bottle. Whereas, in any effort of opening the device, the security ring (8) irreversibly breaks and falls apart therefore, the security closure device makes the opening of bottle and refilling it with counterfeited drinks nearly impossible.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1945/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HIGH STATIC FATIGUE ALUMINA ISOPIPES

(51) International classification

:C07D

(31) Priority Document No

:61/363,445

(32) Priority Date

:12/07/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CORNING INCORPORATED

Address of Applicant :1 RIVERFRONT PLAZA, CORNING,
NEW YORK 14831, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)THOMAS D. KETCHAM

2)JOSEPH J. MCINTOSH

3)EUNYOUNG (IAN) PARK

(57) Abstract :

Isopipes (13) for making a glass or a glass-ceramic using a fusion process are provided. The isopipes are made from an alumina material which has a higher static fatigue than existing alumina materials intended for use as isopipes. In particular, the alumina materials have times-to-failure (static fatigues) of greater than one hour at 1200°C at an applied stress of 10,000 psi. These high levels of static fatigue allow alumina isopipes to replace zircon isopipes in the manufacture of high performance glass sheets by the fusion process, including glass sheets which are incompatible with zircon isopipes but compatible with alumina isopipes, e.g., chip and scratch resistant glass sheets which have high alkali contents.

No. of Pages : 64 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2011

(21) Application No.1993/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TRANSFORMER CORE MANUFACTURING APPARATUS AND METHOD

(51) International classification	:G05G	(71) Name of Applicant :
(31) Priority Document No	:2010-193923	1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD.
(32) Priority Date	:31/08/2010	Address of Applicant :3, KANDA NERIBEL-CHO, CHIYODA-KU, TOKYO 101-0022 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)IKEDA SHUNSUKE
Filing Date	:NA	2)KURATA TAKASHI
(87) International Publication No	:NA	3)NA
(61) Patent of Addition to Application Number	:NA	4)MARUYAMA EISUKE
Filing Date	:NA	5)ISHIZUKI JUNICHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Transformer core manufacturing apparatus and method having magnetic thin plates aligned with high accuracy are provided for manufacturing the transformer core using the thin and lightweight magnetic plates. A transformer core manufacturing apparatus for manufacturing an annular transformer core having thin plates formed of magnetic materials laminated includes uncoiler unit which allows a plurality of uncoilers each having a thin plate magnetic material coiled hoop-like to uncoil the magnetic material, a carrier unit for guiding a plurality of the magnetic materials uncoiled from the plurality of the uncoilers as a single group of magnetic body, a first alignment unit for aligning the carried group of the single magnetic body in a width direction, a cut-off unit for cutting the magnetic body aligned by the first alignment unit in a predetermined dimension, a laminating unit for laminating a plurality of the groups of the magnetic body cut by the cut-off unit, a second alignment unit for aligning the magnetic body laminated on the laminating unit, and a control unit for controlling operations of the respective units.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2011

(21) Application No.1990/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING A HOT RESTART OF A CENTRIFUGAL COMPRESSOR

(51) International classification	:G05G	(71) Name of Applicant :
(31) Priority Document No	:CO2010A000042	1)NUOVO PIGNONE S.p.A.
(32) Priority Date	:30/07/2010	Address of Applicant :VIA FELICE MATTEUCCI, 2, 50127 FLORENCE, ITALY
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:NA	1)BAGNI GIANNI
Filing Date	:NA	2)FONTANA MICHELE
(87) International Publication No	:NA	3)BALDASSARRE ANTONIO
(61) Patent of Addition to Application Number	:NA	4)BALDASSARRE LEONARDO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods (200, 555), devices (160, 400) and systems (100) capable of performing a hot restart of a compressor (120) driven by a turbine (110) are provided. The turbine (110) has a high speed shaft (130) and a low speed shaft (140) connected to the compressor (120). A base slow roll speed at which a speed of the low speed shaft is in a slow roll range is maintained (S610) at the high speed shaft for a predetermined time. Then, when a vibration amplitude of the compressor (120) is larger than a vibration limit (S620), the maintaining is repeated. Otherwise, a set speed of the high speed shaft (140) is increased (S630), until a current speed of the low speed shaft (130) reaches a minimum operating speed (S650). If, while increasing the set speed, the vibration amplitude becomes larger than the vibration limit, the maintaining is repeated.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.2004/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : GRAFTING METHOD TO IMPROVE CHROMATOGRAPHY MEDIA PERFORMANCE

(51) International classification

:C07D

(31) Priority Document No

:61/368,390

(32) Priority Date

:28/07/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ROHM AND HAAS COMPANY

Address of Applicant :100 INDEPENDENCE MALL WEST,
PHILADELPHIA, PENNSYLVANIA, 19106, UNITED STATES
OF AMERICA

(72)Name of Inventor :

1)MARTIN J. DEETZ

2)JOHN J. MAIKNER

(57) Abstract :

The invention also relates to improvements in the method of grafting polymeric ligands onto substrates used in protein separations, resulting in substrates having improved protein binding capacity, improved purification process operating windows and resin selectivity, and relating to making and using the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.2005/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PROCESS FOR MAKING IMPROVED CHROMATOGRAPHY MEDIA AND METHOD OF USE

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:61/368,386	1)ROHM AND HAAS COMPANY
(32) Priority Date	:28/07/2010	Address of Applicant :100 INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA, 19106, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)MARTIN J. DEETZ
Filing Date	:NA	2)JOHN J. MAIKNER
(87) International Publication 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 further is directed to the improved process for making by free radical polymerization a monodisperse, macroporous polymeric media with covalently bonded polymer chains. The media can be applied for chromatographic purification, resulting in polymer supports having improved protein binding capacity and resin selectivity, as well as methods relating to making and using the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.2006/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PROCESS FOR MAKING IMPROVED CHROMATOGRAPHY MEDIA AND METHOD OF USE

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:61/368,379	1)ROHM AND HAAS COMPANY
(32) Priority Date	:28/07/2010	Address of Applicant :100 INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA, 19106, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)MARTIN J. DEETZ
Filing Date	:NA	2)JOHN J. MAIKNER
(87) International Publication 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 further is directed to the process for making a macroporous polymeric media with covalently bonded quaternary ammonium polymer chains. The media can be applied for chromatographic purification, resulting in porous substrates having improved protein binding capacity and resin selectivity, as well as methods relating to making and using the same.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2011

(21) Application No.2036/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MARINE COMPOSITE RISER FOR STRUCTURAL HEALTH MONITORING USING PIEZOELECTRICITY

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:12/850,716	1)VETCO GRAY INC
(32) Priority Date	:05/08/2010	Address of Applicant :4424 WEST SAM HOUSTON PKWY HOUSTON, TEXAS 77041, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)PHADKE ASHUTOSH CHANDRASEKHAR
(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 structural health monitoring system (25) for a marine composite riser string (30) is provided. Each riser pipe section (31) includes a cylindrical form having an axis (A) and also a carbon epoxy matrix (37). A sensor (38) is associated with (e.g., embedded in) and substantially circumscribes the riser pipe section (31). The sensor (38) includes a polyvinylidene fluoride laminate (35) and electrodes (36) (e.g., conductive silver ink coating) so that the sensor (38) generates electricity at the electrodes (36) responsive to mechanical stresses and strains of the riser section (31), including vibrations. The system (25) can also include a data acquisition system (79) and digital signal analyzer (70) to analyze signals responsive to the generated electricity at the electrodes (36) of sensors (38) and to provide health monitoring and damage detection for the marine riser pipe string (30) including impact damage and fatigue crack initiation. The system (25) can further include a subsurface (23) energy storage device (40) and a plurality subsurface microelectromechanical devices (42) coupled to the subsurface (23) energy storage device (40).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1855/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AN IMPROVED SET TOP BOX SYSTEM CAPABLE OF AUTOMATIC UPDATING OF AN UPDATABLE SOFTWARE

(51) International classification	:H 04	(71) Name of Applicant : 1)MY BOX TECHNOLOGIES PVT. LTD. Address of Applicant :303, 73 - 74 SHEETLA HOUSE, NEHRU PLACE, NEW DELHI, 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 an improved set top box system capable of automatic updating of an updatable software, comprising a main chip section (10) integrating audio/video DACs (100) digital audio/video output interfaces (101,103), a tuner interface (103), a nonvolatile and bootable flash memory interface (104), a display (105) and a controller interface (106); a bootloader software structure incorporated in a processor; and means for automatically downloading and installing an updated version of the bootloader software, the system is configured to initializes an OTA process to update the boot loader software; upload the updated Boot loader software image in AIR, and update DSMCC descriptors to implement Boot loader update, wherein the bootloader initializes a minimal set of drivers to detect whether or not to perform an OTA for updating the bootloader or operational software and wherein, the updating means initiates the OTA process on the instructions received from the main head-end to a targeted STB. {FIGURE -1}

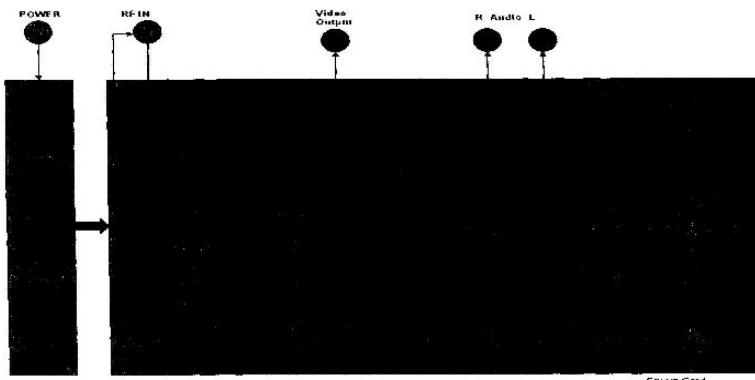


FIGURE 1

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/07/2011

(21) Application No.2000/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : GRAVITY POWER GENERATING APPARATUS

(51) International classification	:G01B	(71) Name of Applicant :
(31) Priority Document No	:099123470	1)HUNG HSIEN YEH
(32) Priority Date	:16/07/2010	Address of Applicant :NO. 314, SEC. 3 ZHONGSHAN RD.,
(33) Name of priority country	:Taiwan	WURI DIST. TAICHUNG CITY, TAIWAN
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)HUNG HSIEN YEH
(87) International Publication 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 gravity power generating apparatus (1) comprising a set of a plurality of magnetic heavy objects (102); a generator (106) for generating electrical power by rotating a rotor (not shown) of the generator, wherein the rotation of the generator (106) is accomplished by having each heavy object (102) to pass through a gravity route (1021); a delivery route (101) for delivering each heavy object (102) to drive each heavy object (102) to pass through the gravity route (1021); a delivery route motor (103) for supplying power for the delivery route (101); and a plurality of magnetic elements (104) provided around the gravity route (1021), wherein each magnetic element (104) is wound around with a coil (105) on the surface so that an electrical current is generated in the coil (105) to supply to the delivery route motor (103).

No. of Pages : 47 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/07/2011

(21) Application No.2013/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR LEADING MEDIA THROUGH A TREATMENT SYSTEM FOR A LIQUID PRODUCT

(51) International classification	:B23B
(31) Priority Document No	:102010038319.8
(32) Priority Date	:23/07/2010
(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

(71)Name of Applicant :

1)KRONES AG

Address of Applicant :BOHMERWALDSTRASSE 5, 93073
NEUTRAUBLING, GERMANY

(72)Name of Inventor :

1)RICKERT, LUDGER

2)RECKTENWALD, DIRK

3)ENZMANN, KATJA

(57) Abstract :

A method and a device for leading media in a thermal treatment system for a liquid product are described. By determining the led-in volume of the expelling medium while a medium is being expelled from the treatment system and by setting the determined volume of the expelling medium in a ratio to a nominal capacity of the treatment system, the shutting off of a product pipe on the outlet side following a medium change on the inlet side can be accomplished independent in time of the performance of the medium change on the inlet side. This reduces product losses and permits the treatment of residual amounts remaining in the treatment system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2061/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS

(51) International classification	:H01K	(71) Name of Applicant :
(31) Priority Document No	:P2010-170114	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:29/07/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SOICHI TANAKA 2)MASANORI AKIYAMA 3)MAMORU KATO 4)KOICHI HIROYOSHI
(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 :

Provided is an information processing apparatus includes an exterior plate and a sheet-like member. The exterior plate is formed of a plate-like member. The exterior plate has one of a transparent first area and a semi-transparent first area. The sheet-like member is arranged on a rear surface of the exterior plate.

No. of Pages : 59 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2062/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : NICOTINE ADSORBENT, QUINOLINE ADSORBENT, BENZOPYRENE ADSORBENT, TOLUIDINE ADSORBENT, AND CARCINOGEN ADSORBENT

(51) International classification	:G01L	(71) Name of Applicant :
(31) Priority Document No	:P2010-170713	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 1080075, JAPAN
(32) Priority Date	:29/07/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SEIICHIRO TABATA
(86) International Application No	:NA	2)HIRONORI IIDA
Filing Date	:NA	3)MACHIKO MINATOYA
(87) International Publication No	:NA	4)SHINICHIRO YAMADA
(61) Patent of Addition to Application Number	:NA	5)SHUN YAMANOI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A nicotine adsorbent includes a porous carbon material having a specific surface area of 10 m²/g or more according to the nitrogen BET method and a pore volume of 0.2 cm³/g or more according to the BJH method.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/01/2012

(21) Application No.2/DEL/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELEVATOR DEVICE

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2011-011509	1)HITACHI LTD.
(32) Priority Date	:24/01/2011	Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO, Japan.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)TAKAHARA YU
Filing Date	:NA	2)KAWAMURA YOSUKE
(87) International Publication No	:NA	3)OGASAWARA TSUYOSHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An elevator device according to the invention includes a pulley 5, a pulley shaft 13, which rotatably supports the pulley 5, and holding members 12, which hold the pulley shaft 13. Each of the holding members 12 is L-shaped in section to include a through-planar portion 12a, through which the pulley shaft 13 extends, and a projected portion 12b protruding laterally from the through-planar portion 12a. The projected portion is arranged so that the projected portion 12b is positioned in a direction, in which a load by the rope wound around the pulley to suspend the elevator body is applied to the pulley shaft. The pulley shaft 13 is held on the holding members 12 in a state, in which it extends through the through-planar portions 12a and the peripheral surface of the pulley shaft 13 is in contact with the projected portions 12b.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2025/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : VIRTUALIZED SHARED PROTECTION CAPACITY

(51) International classification

:H01R

(31) Priority Document No

:12/869,200

(32) Priority Date

:19/07/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

NA

(71)Name of Applicant :

1)CIENA LUXEMBOURG SARL

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GRAND DUCHY OF LUXEMBOURG.

(72)Name of Inventor :

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2)BLAIR, LOUDON

3)GAZIER, MICHAEL

4)THIAGARAJAN, SASHISEKARAN

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/07/2011

(21) Application No.2091/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : POLYSACCHARIDE DERIVATIVES HAVING AN ADJUSTED PARTICLE MORPHOLOGY FOR HYDROLYTICALLY SETTING COMPOSITIONS

(51) International classification	:G01K
(31) Priority Document No	:61/368,297
(32) Priority Date	:28/07/2010
(33) Name of priority country	:U.S.A.
(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

(71)**Name of Applicant :**

1)DOW GLOBAL TECHNOLOGIES, LLC.

Address of Applicant :2040 DOW CENTER, MIDLAND,
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(72)**Name of Inventor :**

1)ROBERT BAUMANN

2)YVONNE GOERLACH-DOHT

3)MARCO GROSSTUECK

4)JUERGEN HERMANNS

5)JOERG NEUBAUER

(57) Abstract :

The present invention relates to polysaccharide derivatives having an adjusted particle morphology for use in the preparation of a hydrolytically setting composition having an adjusted lump rating. The invention further relates to a method of adjusting the lump rating of a hydrolytically setting composition comprising adjusting the particle morphology of a particulate polysaccharide derivative. Furthermore, the invention is directed to a hydrolytically setting composition comprising a particulate polysaccharide derivative having an adjusted particle morphology. The invention is also directed to various uses of the particulate polysaccharide derivative having an adjusted particle morphology.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/07/2011

(21) Application No.2093/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CONCATENATED TRANSMISSION SYSTEM AND CONCATENATED TRANSMISSION METHOD'

(51) International classification	:G01R	(71) Name of Applicant :
(31) Priority Document No	:2010-181071	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO 105-8001, JAPAN
(32) Priority Date	:12/08/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)ONO HIDEKI
(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 :

According to one embodiment, an concatenated transmission system includes a plurality of multiplexing frame generation units configured to generate multiplexing frames of unit transmission waves of a plurality of systems each including at least one segment, a plurality of dummy data generation units each configured to generate dummy data that constructs at least part of a TS packet so as to make correlation between the unit transmission waves smaller, a data selection unit configured to select, for each unit transmission wave, data of the multiplexing frame in a normal operation state and the dummy data of the TS packet in a suspended operation state, and a plurality of OFDM frame generation units configured to generate orthogonal frequency division multiplexing (OFDM) frames of the plurality of systems based on the data selected by the data selection unit.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/07/2011

(21) Application No.2094/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MONOLITHIC COLD PLATE CONFIGURATION

(51) International classification

:H01K

(31) Priority Document No

:12/901,602

(32) Priority Date

:11/10/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)HAMILTON SUNDSTRAND SPACE SYSTEMS
INTERNATIONAL, INC.**

Address of Applicant :ONE HAMILTON ROAD, WINDSOR
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AMERICA

(72)Name of Inventor :

**1)MARK A. ZAFFETTI
2)MICHAEL B. LAURIN**

(57) Abstract :

A cold plate assembly includes a monolithic cold plate which defines a trough located to intersect a fluid path.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2138/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : RIM DRIVEN THRUSTER HAVING TRANSVERSE FLUX MOTOR

(51) International classification

:B64D

(31) Priority Document No

:12/906,825

(32) Priority Date

:18/10/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71) Abstract :

A rim driven thruster comprises an annular housing, a propulsor assembly, a magnetic rotor assembly and a transverse flux stator assembly. The annular housing defines a flow path extending along an axis. The propulsor assembly is supported within the housing and comprises propeller blades extending radially from the axis of the flow path. The propeller blades are configured to rotate about the axis. The magnetic rotor assembly is mounted to radially outer ends of the propeller blades. The transverse flux stator assembly is mounted to the annular housing and is configured to provide electromagnetic torque to the magnetic rotor assembly.

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

(71)Name of Applicant :

1)HAMILTON SUNDSTRAND CORPORATION

Address of Applicant :ONE HAMILTON ROAD, WINDSOR
LOCKS, CT 06096 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)GIERAS JACEK F.

2)ROZMAN GREGORY I.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2075/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DRAFTING UNIT FOR A STAPLE FIBRE STRAND AND TOP ROLLER AGGREGATE

(51) International classification	:H01R	(71) Name of Applicant :
(31) Priority Document No	:10 2010 032 341.1	1)MASCHINENFABRIK RIETER AG Address of Applicant :KLOSTERSTRASSE 20 8406
(32) Priority Date	:27/07/2010	WINTERTHUR, SWITZERLAND.
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)GERD STAHLCKER
Filing Date	:NA	2)KARLHEINZ HUBER
(87) International Publication 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 drafting unit for drafting a staple fibre strand comprises at least two driveable bottom rollers and top rollers, which are pressable on said bottom rollers, as well as a holding fixture for holding at least one of the top rollers. The top roller and the holding fixture can form a top roller aggregate. The top roller comprises an axle affixed to the holding fixture and at least one tube rotatable on said axle with a cover at a distance from the holding fixture. The outer circumference of the axle is surrounded by a dust guard along the entire length between the cover and the holding fixture, said dust guard being advantageously rotatable around the axle.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2078/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD OF INSTALLING A PRESSING BLOCK SUIT OF A SOLAR PANEL

(51) International classification

:H01R

(31) Priority Document No

:201110090144.7

(32) Priority Date

:11/04/2011

(33) Name of priority country

:China

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SHA, YAN

Address of Applicant :ROOM 1807, INTERNATIONAL TRADE CENTER, NO. 2201, WEST YANAN ROAD, SHANGHAI, 200336 (CN) China

2)SHA, XIAOLIN

(72)Name of Inventor :

1)SHA, YAN

2)SHA, XIAOLIN

(57) Abstract :

A method of installing a pressing block suit of a solar panel to a mounting body, in the method, a pressing block suit of the solar panel is adhered to the mounting body with an adhesive directly. The processes of the method is easy and convenient, the cost of installing is reduced.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2131/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINING VISCOSITY

(51) International classification	:B23B
(31) Priority Document No	:102010039031.3
(32) Priority Date	:06/08/2010
(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

(71)Name of Applicant :

1)KRONES AG

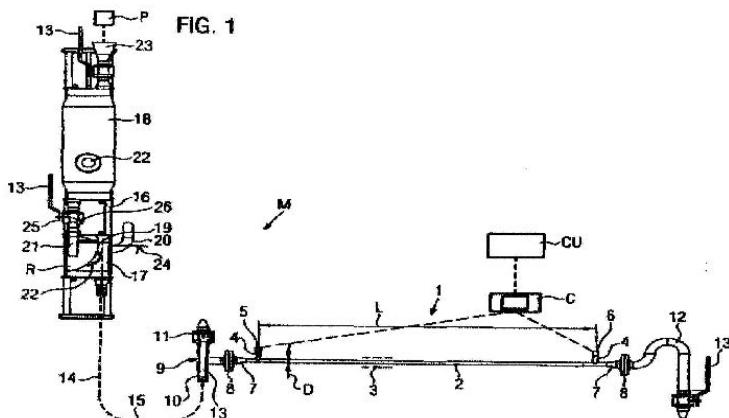
Address of Applicant :BOHMERWALDSTR. 5, 93073
NEUTRAUBLING, GERMANY

(72)Name of Inventor :

1)ZACHARIAS, JORG

(57) Abstract :

In a method of determining the viscosity of structurally viscous fluids or beverages containing solid ingredients by means of a rheometer, pressure losses (Δp) of a volume flow (V_1, V_2) are measured with a tube rheometer (1) with an at least essentially horizontal, straight meter tube (2), and viscosity (η) is determined by determining the flow index (m) and the consistency factor (K) of at least two different volume flows (V_1, V_2) adjusted exclusively under the influence of gravity to be at least largely constant. A device (M) for determining viscosity comprises a tube rheometer (1) which communicates with at least one dosing tank (17) arranged above the meter tube (2) for gravimetric adjustment of a respective volume flow (V_1, V_2). (Fig. 1)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.2145/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FILTER INTEGRITY MONITORING SYSTEM

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:12/855814	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:13/08/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)JARRIER ETIENNE RENE
Filing Date	:NA	2)DAVIES JOHN CARL
(87) International Publication 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 fluid filtration and for providing an indication of filtration operation. The system uses a filtration media for permitting flow of fluid there through and for filtering at least one material from the fluid. The filtration media has an upstream side and a downstream side. The system includes a member located adjacent to the downstream side of the filtration media and permitting flow of the fluid there through. The member retains at least some of the at least one material not filtered from the fluid by the filtration media. The member is contrast to the at least one material so that an indication of locality of reduced filtration of the at least one material is provided.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.2146/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHODS AND DEVICES USED FOR AUTOMATICALLY CONTROLLING SPEED OF AN EXPANDER

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:CO2010A000044	1)NUOVO PIGNONE S.P.A
(32) Priority Date	:11/08/2010	Address of Applicant :VIA FELICE MATTEUCCI, 2, 50127
(33) Name of priority country	:Italy	FLORENCE, ITALY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ROSSI DAVID
(87) International Publication 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 (1200) of controlling a transition time through a speed range that is unsafe for an integrity of a second expander (120) that receives a fluid flow from a first expander (110), by automatically biasing a speed of the second expander (120) when the current speed of the first expander is within a bias application range, is provided. The method (1200) includes setting the speed of the second expander to be smaller than a current speed of the first expander (S1210), when a current speed of the second expander increases and is smaller than a first speed value, or decreases and is smaller than a second speed value, and setting the speed of the second expander to be larger than the current speed of the first expander (81220), when the current speed of the second expander increases and is larger than the first speed value, or decreases and is larger than the second speed value.

No. of Pages : 60 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2074/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR LARGE DATA SET NAVIGATION ON A MOBILE DEVICE

(51) International classification	:H01R	(71) Name of Applicant :
(31) Priority Document No	:12/850,379	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:04/08/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)VERNON MEDHI
Filing Date	:NA	2)GILL SUKHDEEP
(87) International Publication No	:NA	3)JANICKI CHRISTOPHER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Example systems (500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800) and methods (400) provide navigation and review of images within a large data set (110) via a handheld or other mobile device (1740, 1750). A computer-implemented method (400) includes providing a clinical data set divided into a plurality of portions (120, 510, 620, 810, 820, 910, 1120, 1210, 1310). Each portion is associated with a graphical representation and includes a plurality of sub-portions (405). The graphical representation for each portion is displayed to a user such that the plurality of portions can be viewed on a user interface of the device (410). User navigation is facilitated at various levels of granularity among the plurality of portions via the user interface (415, 420, 425, 430). User access is allowed to one or more sub-portions within a portion to locate an item of clinical data within a sub-portion (430, 435). User selection of an item of clinical data within a sub-portion is enabled for viewing via the user interface (435, 440, 445, 455). A selected item of clinical data is loaded for viewing via the user interface (460).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2088/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : OPTIMAL POINT DENSITY USING CAMERA PROXIMITY FOR POINT-BASED GLOBAL ILLUMINATION

(51) International classification	:A23C	(71) Name of Applicant :
(31) Priority Document No	:12/842,986	1)PACIFIC DATA IMAGES LLC
(32) Priority Date	:23/07/2010	Address of Applicant :1800 SEAPORT BOULEVARD,
(33) Name of priority country	:U.S.A.	REDWOOD CITY, CALIFORNIA 94063, UNITED STATES OF
(86) International Application No	:NA	AMERICA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)TABELLION, ERIC
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer-animated scene is shaded using a point in a point cloud. The point represents a sample location on a surface primitive of an object in the scene. The surface primitive lies at least partially within a camera viewing frustum of a virtual camera, which has a focal point. A sample location distance, which is a near plane distance of the camera viewing frustum or the length of a line between the sample location on the surface primitive and the focal point of the virtual camera, is determined. A solid angle of the surface primitive subtended at the focal point of the virtual camera is obtained. A desired point area of the point in the point cloud is determined based on the sample location distance and the solid angle. The scene is shaded using the desired point area of the point in the point cloud.

No. of Pages : 34 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2121/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COLLISION FREE CONSTRUCTION OF ANIMATED FEATHERS

(51) International classification

:H01J

(31) Priority Document No

:12/844,822

(32) Priority Date

:27/07/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

To generate a skin-attached element on a skin surface of an animated character, a region of the skin surface within a predetermined distance from a skin-attached element root position is deformed to form a lofted skin according to one of a plurality of constraint surfaces, where each of the plurality of constraint surfaces does not intersect with each other. A sublamina mesh surface constrained to the lofted skin is created. A two-dimensional version of the skin-attached element is projected onto the sublamina mesh surface. The lofted skin is reverted back to a state of the skin surface prior to the deformation of the region of the skin surface.

No. of Pages : 43 No. of Claims : 22

(71)Name of Applicant :

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Address of Applicant :1000 FLOWER STREET,
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MAERICA

(72)Name of Inventor :

1)WEBER, ANDREW J

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.2150/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COALESCENT FOR AQUEOUS COMPOSITIONS

(51) International classification	:C23F	(71) Name of Applicant :
(31) Priority Document No	:61/402, 465	1)DOW GLOBAL TECHNOLOGIES, INC. Address of Applicant :2040 DOW CENTER, MIDLAND, MICHIGAN 48674, UNITED STATES OF AMERICA
(32) Priority Date	:30/08/2010	2)ROHM AND HAAS COMPANY
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)ANTONY KEITH VAN DYK 2)MICHAEL L. TULCHINSKY
(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 coalescent composition selected from 1,3-(C6-C12alkyloxy)-2-propanol, 1,1'-oxybis[3-(C6-C12alkyloxy)]-2-propanol, and mixtures thereof is provided. Preferred coalescents are 1,3-(decyloxy)-2-propanol and 1,1'-oxybis[3-(heptyloxy)]-2-propanol. A method for forming glycerol diethers and diglycerol diethers, an aqueous coating composition including the coalescent compositions and a method for forming a coating are also provided.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.2151/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : IMPROVED DISSOLUTION TEST EQUIPMENT

(51) International classification	:H02K	(71) Name of Applicant :
(31) Priority Document No	:61/400,889	1)ROHM AND HAAS COMPANY
(32) Priority Date	:04/08/2010	Address of Applicant :100 INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA, 19106, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)LYN HUGHES
Filing Date	:NA	2)DONALD FREDERICK WRIGHT
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus and method for dissolution testing of active substances in various dosage forms is provided. The apparatus has filtration cells equipped and configured to simulate bodily functions, operate continuously and facilitate testing various types of dosage forms including, but not limited to, tablets, capsules and those having non-disintegrating substrates.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.2162/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHODS AND DEVICES USED FOR AUTOMATICALLY CONTROLLING SPEED OF AN EXPANDER

(51) International classification	:F04D	(71) Name of Applicant :
(31) Priority Document No	:CO2010A000043	1)NUOVO PIGNONE S.p.A.
(32) Priority Date	:11/08/2010	Address of Applicant :VIA FELICE MATTEUCCI, 2, 50127
(33) Name of priority country	:Italy	FLORENCE, ITALY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ROSSI DAVID
(87) International Publication 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 (700) of decreasing a transition time through a speed range that is unsafe for an integrity of a first expander (110), by automatically biasing a speed of a second expander (120) that receives a fluid flow output from the first expander (110) when the current speed of the first expander is within a bias application range is provided. The method (700) includes setting the speed of the second expander to be larger than a current speed of the first expander (S710), when the current speed of the first expander increases and is smaller than a first speed value, or decreases and is smaller than a second speed value and setting the speed of the second expander to be smaller than the current speed of the first expander (S720), when the current speed of the first expander increases and is larger than the first speed value or decreases and is larger than the second speed value.

No. of Pages : 60 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.2163/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : THE FACILITY OF COME ALONGSIDE THE PIER THE USE OF WIND POWER GENERATION PLANT ON THE SEA

(51) International classification	:F04D	(71) Name of Applicant :
(31) Priority Document No	:10-2010-0074131	1)STEEL ALL GLOBAL CO., LTD Address of Applicant :209 PILJIDEALIM PLAZA, 596-3BUNJI, GEOMAM-DONG, SEO-GU, INCHEON-SI, Republic of Korea
(32) Priority Date	:30/07/2010	
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)BECK SI YOUNG 2)YANG HYEONGRYEOL 3)SEOK-JIN NAM
(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 dock structure for a sea wind power generator apparatus in a sea structure construction for installing a wind power generator on the sea, is disclosed, which comprises a dock support unit which is installed on the surface of the sea conning into contact with a sea structure when a sea structure is made using one circular pile; a frame unit which is installed at a slope between the sea structure and the dock unit; a reinforcement frame plate which is installed between the frame unit and the floating support unit; a guide unit for allowing a worker to come in and go out; an anchor for fixing a ship; a solar energy collection means in which a support unit is installed at one side of a sea structure coming into contact with the dock support unit; a distance detection sensor for measuring a distance when a ship comes closer to approach the dock support unit; a sailing way indication guide lamp installed at both sides of an upper portion of the dock support unit for guiding a ship to sail in safe, wherein the electric power generated by the solar energy collection means is supplied to the sailing way indication guide lamp and the distance detection sensor; and a weathercock installed at a side portion of the dock support unit for indicating the direction of wind.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.2164/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : LOW PRESSURE STEAM TURBINE AND METHOD FOR OPERATING THEREOF

(51) International classification

:F04D

(31) Priority Document No

:MI2010A001447

(32) Priority Date

:30/07/2010

(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

(71)Name of Applicant :

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND

(72)Name of Inventor :

1)BRIAN ROBERT HALLER

(57) Abstract :

The invention relates to a multi-stage low-pressure steam turbine (10) and a method for operating thereof. The steam turbine (10) comprises a last stage (18) in which the leading edge (20) of each vane (14) of the last stage (18) is skewed so as to form a W shaped K-distribution across the span (36) of the vanes (14). This shape enables efficient last stage (18) operation at low last stage exit velocities. The invention further includes a method for operating such a steam turbine (10) at a last stage exit velocity between 125 m/s and 150 m/s. Fig 2b

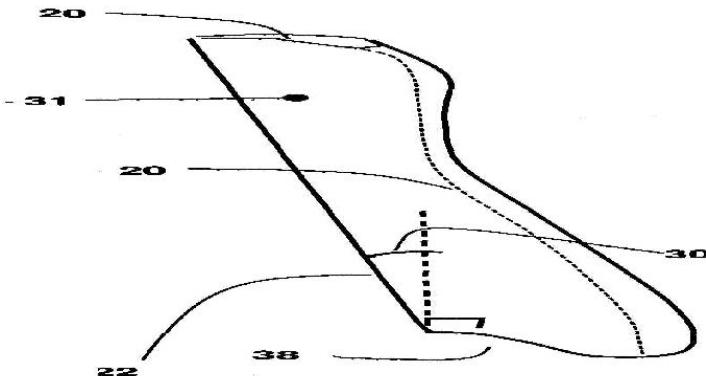


FIG. 2b

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2064/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:P2010-170113	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:29/07/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SOICHI TANAKA
(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 :

An information processing apparatus includes a display panel unit and a top plate. The display panel unit has a first surface with a display screen and a second surface opposed to the first surface. The top plate has a third surface in contact with the second surface, a fourth surface opposed to the third surface, and a fifth surface connecting an end portion of the third surface and an end portion of the fourth surface, the top plate containing a fluorescent dye to collect light toward the fifth surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2066/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF POLYISOCYANATES AND USE THEREOF

(51) International classification	:C08B	(71) Name of Applicant :
(31) Priority Document No	:10 2010 038 845.9	1)BAYER MATERIALSCIENCE AG Address of Applicant :51368 LEVERKUSEN, GERMANY
(32) Priority Date	:03/08/2010	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)FRANK RICHTER
(86) International Application No	:NA	2)MARTIN BRAHM
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the use of specific phosphonium salts as catalysts for isocyanate modification (oligomerisation or polymerisation), and to a process for the preparation of correspondingly modified isocyanates.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.2152/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD AND PROGRAM

(51) International classification	:H02K	(71) Name of Applicant :
(31) Priority Document No	:P2010-175636	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:04/08/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SHUNICHI KASAHARA
(86) International Application No Filing Date	:NA :NA	2)TOMOYA NARITA
(87) International Publication No	:NA	3)RITSUKO KANO
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present disclosure provides an electronic device, the device including, processor, a display, and an interface configured to, detect non-contact proximity of an operation member, determine whether the member is within a first selection region corresponding to a first selection object; and display a second selection object adjacent to the first selection object when it is determined that the member is within the first selection region.

No. of Pages : 62 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.2154/DEL/2011 A

(43) Publication Date : 04/01/2013

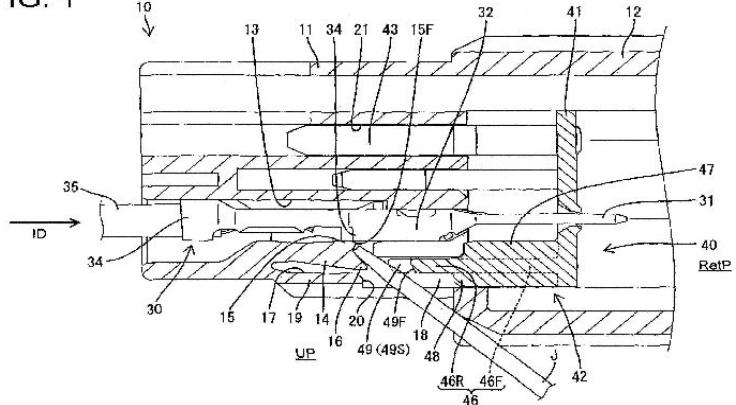
(54) Title of the invention : CONNECTOR

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:JP2010-177311	1)SUMITOMO WIRING SYSTEMS, LTD.
(32) Priority Date	:06/08/2010	Address of Applicant :1-14, NISHISUEHIRO-CHO, YOKKAICHI-CITY, MIE 510-8503, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KAZUAKI TAKEDA 2)KATSUYA UEZONO 3)TAKUMI HIRAISHI
(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 housing 10 is formed with jig insertion holes 20 penetrating through an outer wall portion 19 located at a side of deformation spaces 17 opposite to locking lances 14. Deformation restricting portions 42 of a front retainer 40 are formed with guide portions 49 which are so cut out as to allow an unlocking jig inserted through the jig insertion hole 20 to reach the locking lance 14 with the front retainer 40 located at a retracted position and position the unlocking jig in a width direction crossing both a resiliently deforming direction of the locking lances 14 and an inserting direction of terminal fittings 30 into cavities 13. FIG. 1

FIG. 1



No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.2155/DEL/2011 A

(43) Publication Date : 04/01/2013

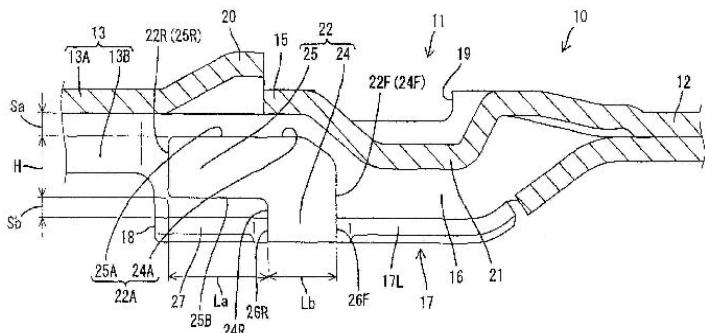
(54) Title of the invention : TERMINAL FITTING

(51) International classification	:H02K	(71)Name of Applicant :
(31) Priority Document No	:JP2010-177308	1)SUMITOMO WIRING SYSTEMS, LTD. Address of Applicant :1-14, NISHISUEHIRO-CHO, YOKKAICHI-CITY, MIE 510-8503, JAPAN
(32) Priority Date	:06/08/2010	
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)RYOTARO ISHIKAWA 2)KAZUAKI TAKEDA 3)YUTAKA NORO
(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 terminal fitting 10 is provided with a box-shaped portion 11 in the form of a rectangular tube with an open rear surface, a tab 12 extending forward from the box-shaped portion 11 and a crimping portion 14 arranged behind the box-shaped portion 11 and to be connected to a wire 30. The box-shaped portion 11 includes a base plate portion 15, a pair of side plate portions 16 extending substantially at right angles from the opposite left and right edges of the base plate portion 15, and a supporting plate portion 17 extending from the extending end edges of the side plate portions 16 substantially in parallel to the base plate portion 15, and the rear end edge of the supporting plate portion 17 serves as a locking portion 18 to be engaged with a locking lance 49 (retaining portion). Only one restricting plate portion 22 which extends from the extending end edge of the supporting plate portion 17 toward the base plate portion 15 substantially in parallel to the side plate portions 16 and a rear end 22R of which is located before the locking portion 18 is accommodated in the box-shaped portion 11. FIG. 6

FIG. 6



No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2011

(21) Application No.2139/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SUPERVISORY CONTROL METHOD AND EQUIPMENT FOR SMART GRIDS

(51) International classification	:G09D
(31) Priority Document No	:2010-170013
(32) Priority Date	:29/07/2010
(33) Name of priority country	:Japan
(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

(71)Name of Applicant :

1)HITACHI LTD.

Address of Applicant :6-6, MARUNOUCHI 1-CHOME,
CHIYODA-KU, TOKYO 100-8280, Japan.

(72)Name of Inventor :

1)MASAHIRO SEKOGUCHI

2)CHIHIRO FUKUI

3)TETSUO YAMADA

(57) Abstract :

Supervisory control equipment for smart grids (2B) provided with a plurality of generators (8) and loads (9) and operated in interconnection with a commercial power system (2A) through an interconnected circuit breaker (7), comprising a frequency control ability calculation part (1A) for calculating the frequency control ability of the interconnected system by using a total power demand and a bus bar frequency (21); and an islanding and interconnection detection part (1B) for calculating frequency control ability of the commercial power system (2A) according to the frequency control ability of the system of the frequency control ability calculation part (1 A) to discriminate between the interconnected and islanding operations according to the magnitude of the frequency control ability.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/08/2011

(21) Application No.2170/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HIGH VOLTAGE DC ELECTRIC POWER GENERATING SYSTEM WITH PERMANENT MAGNET GENERATOR PROTECTION

(51) International classification	:H02J
(31) Priority Document No	:12/906,824
(32) Priority Date	:18/10/2010
(33) Name of priority country	:U.S.A.
(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

(71)**Name of Applicant :**

1)HAMILTON SUNDSTRAND CORPORATION

Address of Applicant :ONE HAMILTON ROAD, WINDSOR
LOCKS, CT 06096 UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)ROZMAN GREGORY I.

2)MOSS STEVEN J.

(57) Abstract :

A permanent magnet generator system provides protection from fault conditions. The system includes a permanent magnet generator having a first, second, and third winding wherein each winding has a first end and a second end. During the normal mode of operation, the first ends of the windings are shorted to a first neutral point and alternating current (AC) voltage developed in the first, second and third windings is provided to a primary output associated with the second ends of the windings. In response to a fault condition on the primary output side of the system, the second ends of the windings are shorted together to a second neutral point and the first ends of the windings are disconnected from the first neutral point. During the backup mode, AC voltage developed in the windings is provided to a secondary output associated with the first ends of the windings.

No. of Pages : 18 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/08/2011

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

(43) Publication Date : 04/01/2013

(54) Title of the invention : OPERATION METHOD OF POWER TRANSMISSION AND DISTRIBUTION SYSTEM USING SECONDARY BATTERY

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:2010-174988	1) HITACHI, LTD. Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO JAPAN
(32) Priority Date	:04/08/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1) AIHARA TAKASHI 2) INAGE SHINICHI 3) WACHI ISAO 4) WATANABE MASAHIRO
(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 :

A battery-used power grid operation method for handling a home-use secondary battery (9) as a virtual battery of medium- to large-scale and for lessening a necessary cell capacity to thereby enable efficient absorption of an output variation of renewable energy-derived electric power is provided. In a power system including electrical household appliances (11) in a house having a renewable power generator (6), an individual house-installed rechargeable battery (9) or separately central-managed battery, and a control device (8) which measures and controls an output variation of the renewable power generator, those output variations of the renewable power generator occurring with time and due to changes of weather and seasons are absorbed as much as possible by preset-temperature control of the electric household appliances (11) in the house while absorbing the remaining variations by charge/discharge of the battery (9), thereby lessening an electricity storage capacity required for the variation absorption.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2011

(21) Application No.2184/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CLOSED CYCLE BRAYTON CYCLE SYSTEM AND METHOD

(51) International classification	:B60L
(31) Priority Document No	:12/855,291
(32) Priority Date	:12/08/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NUOVO PIGNONE S.P.A.

Address of Applicant :VIA FELICE MATTEUCCI 2, 50127
FLORENCE, ITALY

(72)Name of Inventor :

1)DIDDI PRADEEP

2)KOSAMANA BHASKARA

(57) Abstract :

Method and unit for generating energy with improved efficiency. A brayton cycle unit includes a multistage compressor configured to compress a flowing medium; a first heat exchanger fluidly connected to the multistage compressor and configured to transfer heat from a working medium passing the first heat exchanger to the compressed flowing medium; an expander fluidly connected to the first heat exchanger and configured to expand the heated compressed flowing medium for producing a rotation of a shaft of the expander; and a second heat exchanger fluidly connected between the expander and the compressor and configured to remove heat from the expanded flowing medium. A path of the flowing medium through the unit is closed. At least one inter-cooler mechanism between first and second stages of the multistage compressor is configured to cool the flowing medium to a predetermined temperature.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/08/2011

(21) Application No.2168/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TOWER WITH ADAPTER SECTION

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:12/858,716	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:18/08/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)BAGEPALLI BHARAT SAMPATHKUMARAN
Filing Date	:NA	
(87) International Publication 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 tower (210) is provided having a foundation (250), at least one concrete tower section (214) located above the foundation (250) and one or more upper tower sections (112). An adapter section (270) is located between the concrete tower section (214) and one of the upper tower sections (112). The adapter section (270) is connected to one of the upper tower sections (112) by a fastening system and to the foundation (250) by a plurality of tensioning cables (330), which are configured to induce a compressive force on the concrete tower section (214). The fastening system and the plurality of tensioning cables (330) are substantially vertically aligned so that tower loads are transmitted from the upper tower sections (112) to the plurality of tensioning cables (330).

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/08/2011

(21) Application No.2169/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : WATER RECOVERY USING THERMALLY LINKED SORBENT BEDS

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:12/912,237	1)HAMILTON SUNDSTRAND CORPORATION
(32) Priority Date	:26/10/2010	Address of Applicant :ONE HAMILTON ROAD, WINDSOR LOCKS, CT 06096 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)HODGSON EDWARD W.
Filing Date	:NA	2)PAPALE WILLIAM G. JR.
(87) International Publication 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 water recovery system includes a sorbing bed, a desorbing bed, a heat pump and a controller. The sorbing bed receives a first fluid stream and absorbs and/or adsorbs water from the first fluid stream. The desorbing bed is aligned with and thermally connected to the sorbing bed, and receives a second fluid stream and desorbs water to the second fluid stream. The heat pump is positioned between the sorbing bed and the desorbing bed and transfers heat from the sorbing bed to the desorbing bed. The controller distributes power to the heat pump to maintain an area near the outlet of the desorbing bed at a temperature greater than an area of the sorbing bed aligned with the area near the outlet of the desorbing bed. A method for recovering water from a fluid stream includes directing fluid streams through the described water recovery system.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2011

(21) Application No.2181/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : UPPER LEVEL KEY PARAMETER DEFINITION FOR SBS LOGICAL BIODIESEL SENSOR

(51) International classification	:B60L	(71) Name of Applicant :
(31) Priority Document No	:PI	1)MAGNETI MARELLI SISTEMAS AUTOMATIVOS INDUSTRIA E COMERCIO LTDA
(32) Priority Date	1004128-1	Address of Applicant :AV. EMANCIPACAO, 801, GALPAO 01, JARDIM SANTA RITA DE CASSIA,HORTOLANDIA - SP, 13184-654, BRAZIL
(33) Name of priority country	:Brazil	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GINO MONTANARI 2)MICHAEL PONTOPPIDAN
(87) International Publication 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 patent application refers to particular upper level key parameter definitions for a logical sensor for Internal Combustion engines (Compression Ignited or Spark Ignited working in Controlled Auto Ignition mode) named SBS (Software Biodiesel Sensor), which identifies a base-fuel/bio-fuel mixture present in a vehicle fuel tank, using software-based algorithms to identify the fraction of FAME (Fatty Acid Methyl Esters) vegetal-based oil or oil produced from organic waste blended into a crude oil based diesel fuel (average chemical formula C12H23) and thereafter adapts the engine control strategy as a function of this fraction. Furthermore, the defined upper level key parameter set can be used to detect or enhance the detection of a specific type of FAME vegetal-based oil or oil produced from organic waste used in the blend (e. g. soya bean, palm oil or other) used as baseline biofuel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.2466/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : STYRENE - BUTADIENE BASED REDISPERSIBLE POLMER POWDERS WITH IMPROVED STABILITY IN CEMENT APPLICATIONS

(51) International classification	:G08B	(71) Name of Applicant :
(31) Priority Document No	:61/386,681	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:27/09/2010	Address of Applicant :2040 DOW CENTER, MIDLAND, MICHIGAN 48674, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)HARTNUT KUEHN 2)GEROLD ADOLF LOHMULLER 3)JUERGEN DOMBROWSKI 4)MARGARITA PERELLO 5)ETIENNE LAZARUS 6)SONJA SCHARLEMANN
(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 water redispersible polymer powder is produced by drying an aqueous mixture of a carboxylated styrene butadiene polymer and a colloidal stabilizer which includes a polyvinyl alcohol modified with an alkyl end chain. The alkyl modified polyvinyl alcohol provides excellent redispersibility of the redispersible polymer powder without adversely affecting spray drying. Cement compositions such as mortars, which contain the redispersible polymer powder with the alkyl modified polyvinyl alcohol exhibit unexpectedly superior stability and an unexpectedly lower rate of mortar viscosity buildup which is advantageous for workability or troweling.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/07/2011

(21) Application No.2147/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SEMICONDUCTOR DEVICE AND DRIVING METHOD THEREOF

(51) International classification	:G01R
(31) Priority Document No	:2010-178140
(32) Priority Date	:06/08/2010
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SEMICONDUCTOR ENERGY LABORATORY., LTD.

Address of Applicant :398 HASE, ATSUGI-SHI,
KANAGAWA-KEN 243-0036 Japan.

(72)Name of Inventor :

1)TAKANORI MATSUZAKI

2)SHUHEI NAGATSUKA

3)HIROKI INOUE

(57) Abstract :

The semiconductor device is formed using a material which allows a sufficient reduction in off-state current of a transistor; for example, an oxide semiconductor material, which is a wide gap semiconductor, is used. When a semiconductor material which allows a sufficient reduction in off-state current of a transistor is used, the semiconductor device can hold data for a long period. In addition, the timing of potential change in a signal line is delayed relative to the timing of potential change in a write word line. This makes it possible to prevent a data writing error.

No. of Pages : 176 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/07/2011

(21) Application No.2160/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AIR-CONDITIONER WITH AN IMPROVED BLOWER FAN ARRANGEMENT

(51) International classification	:F04D	(71)Name of Applicant :
(31) Priority Document No	:PI	1)PANASONIC HA AIR-CONDITIONING R&D (M) SDN.
	2010005635	BHD.
(32) Priority Date	:29/11/2010	Address of Applicant :LOT 2, PERSIARAN TENGKU
(33) Name of priority country	:Malaysia	AMPUAN SEKSYEN 21, SHAH ALAM INDUSTRIAL SITE,
(86) International Application No	:NA	40300 SHAH ALAM SELANGOR, MALAYSIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)TEE KIAN CHIONG
(61) Patent of Addition to Application Number	:NA	2)KOH BOON KEE
Filing Date	:NA	3)PHUA ENG SENG
(62) Divisional to Application Number	:NA	4)LOOL MING WAI
Filing Date	:NA	5)CHAN HUA YIN

(57) Abstract :

There is disclosed an indoor unit (19) of an air-conditioning apparatus that comprises of:- an installation bracket (20) adapted for mounting to a wall, a chassis (21) mountable to the installation bracket (20), an axial flow fan assembly (22) provided with a driving motor, shaft and fan blades incorporated together and forming a single fan unit, an evaporator assembly (23) having a generally flat heat-exchange surface, the evaporator assembly (23) further provided with means to retain, a filter guide (24) for receiving an air filter (25), and a front panel (26) having grille opening (27) that covers the substantial portion of the heat-exchange surface of the evaporator assembly (23). Plurality air inlets (28,30) are arranged at the top and/or side panel of the indoor unit to let air to enter the indoor unit from the top and the sides, then to the axial fan and later to the evaporator before exiting through the front grille. (The most illustrative figure is Figure 2)

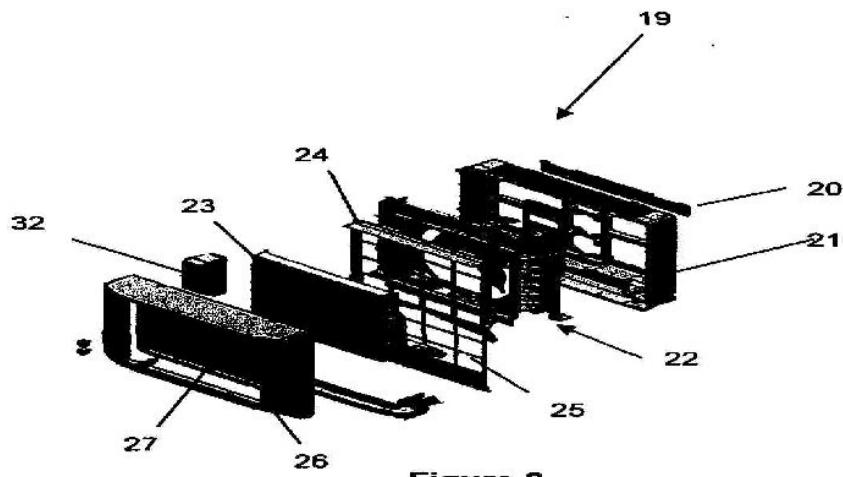


Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/10/2008

(21) Application No.2370/DEL/2008 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A DEVICE FOR EJECTING AND PROPELLING SPHERICAL/POINTED/FLAT-NOSE PROJECTILES

(51) International classification	:F41B11/00	(71) Name of Applicant : 1)AJAY JAURHY Address of Applicant :C2-B/24C Janakpuri New Delhi 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 convertible high powered one or more barreled pressurized gas/air actuated device for ejecting and propelling completely spherical/pointed/flat-nose projectiles of the same dimensions and same or different weights or of different dimensions and same or different weights or water stream, either separately or simultaneously through one or more barrels comprising a first main container (12), a firing valve (16), a second main container (53); a semi spherical device (109); a trigger (23) for submitting high pressure gas/air; a trigger system (99); gas/air receiver -1 (24) and gas/air receiver-2 (41); gas/air transfer pipes (04) with an air transfer seal (5) and air transfer angle (104) with threaded ends; one or more barrels (25) and (27) attached to the said first main container (12) and the second main container (53) and gas submitting valve (120) within the first main container (12); gas/air transfer pipe (35); projectile fill cap O ring (19) and projectile fill cap (20) attached to said main container (53); gas seal (22); magazine (57) and an optional external magazine (64); means for gas/air supply, gas manifold with two arms and a regulator. The device can perform separately or simultaneously by connecting the gas/air receivers (24) and (41) to a high pressure gas/air supply, pressing the triggers (23) and (71) separately to allow the device to perform separately or pressing the triggers (23) and (71) simultaneously to allow the device to perform simultaneously through more than one barrel or as water misting gun for propelling water.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.2474/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND AN APPARATUS FOR TRANSFERRING A VIDEO STREAM

(51) International classification	:A01J
(31) Priority Document No	:10176432.2
(32) Priority Date	:13/09/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NTT DOCOMO, INC.

Address of Applicant :11-1, NAGATA-CHO 2-CHOME,
CHIYODA-KU, TOKYO, JAPAN

(72)Name of Inventor :

1)THAKOLSRI, SRISAKUL

2)KELLERER, WOLFGANG

(57) Abstract :

A method for transferring a video stream having a first resolution from a first user equipment to a second user equipment having a larger screen and being capable of offering a plurality of second resolutions which are higher than said first resolution, wherein one or more third user equipments are also receiving video streams through the same network entity which has a limited bandwidth capacity, said method comprising: Performing an optimization operation to determine the second resolution to be selected among said plurality of second resolutions at said target user equipment for the video stream, wherein said optimization operation comprises: using utility functions as an input to said optimizing operation, said utility functions having been determined in advance and respectively indicating for each video stream the quality perceived by a user depending on the resolution of the video stream and the allocated data rate, wherein said optimizing operation calculates a combined quality measure based on the utility functions for said video streams, said combined quality measure being calculated such as to find among the plurality of possible resolutions and data rates which could be assigned to said second user equipment, and among the plurality of possible data rates which could be assigned to the video streams received by said third user equipments after the transfer of said video stream, the resolution and data rates to be assigned to the second and third user equipments after the transfer for which the combined quality measure reaches its optimum or extremum; and selecting the second resolution and the data rater for the streams received by said second and third user equipments after said transfer or said video stream in accordance with the result of the optimization procedure such that the combined quality measure reaches its extremum.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.2478/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BIDIRECTIONAL FAN HAVING SELF - ADJUSTING VANE

(51) International classification	:B27B	(71) Name of Applicant :
(31) Priority Document No	:12/881,308	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:14/09/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)NATARAJAN SUBBIAH
Filing Date	:NA	
(87) International Publication 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 bidirectional centrifugal fan (10) having a self-adjusting vane (30) is disclosed. In one embodiment, the fan (10) includes a driving disc (20) having a pivot pin (50) extending therefrom; a vane (30) pivotably attached to the pivot pin (50), the vane (30) including an aperture (60) extending at least partially therethrough; and a trailing disc (40) including a guide arm (70) for receiving the aperture (60) of the vane (30).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/08/2011

(21) Application No.2480/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR THE CONFIGURATION OF SUBSTATION REMOTE TERMINALS WITH A CENTRAL CONTROLLER

(51) International classification	:H01K	(71) Name of Applicant :
(31) Priority Document No	:12/881,579	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:14/09/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)VANGA VENU GOPALA REDDY 2)ACHANTA, ANJANI PRASAD V.V.S. 3)VURITI SUNEEL KUMAR
(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 :

Systems and methods for the configuration of substation remote terminals with a central controller (105) are provided. A message identifying a current status of a remote terminal unit (RTU) (110) associated with a remote power substation (115) may be received by a central controller (105) associated with a power system. Based upon an analysis of the received message, a request for configuration data associated with the RTU (110) may be communicated by the central controller (105) to the RTU (110). In response to the request, the configuration data may be received by the central controller (105) from the RTU (110). Based upon the received configuration data, the central controller (105) may update a configuration database (125) comprising information associated with the configuration of the RTU (110). In this regard, supervisory control and data acquisitions operations with the RTU (110) by the central controller (105) may be facilitated.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/04/2011

(21) Application No.2503/DEL/2010 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AN EFFICIENT ASH REMOVAL ASSEMBLY FOR THE GASIFICATION HEATING SYSTEMS AND METHOD OF WORKING FOR SAME

(51) International classification	:F01N5/02	(71) Name of Applicant : 1)THE ENERGY AND RESOURCES INSTITUTE (TERI) Address of Applicant :DARBARI SETH BLOCK, IHC COMPLEX, LODI ROAD, NEW DELHI-110003 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 : 1)PERUMAL RAMAN 2)NARASIMHAN KODANDA RAM
Filing Date	:NA	
(87) International Publication 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 new, novel and efficient ash removal assembly for gasification heating systems by means of a vibrating grate arrangement which is equipped to remove only the ash and not the charcoal, for use in the various types of gasification heating systems connoting use and application in the domestic and small scale sectors. The present invention thus contemplates in a gasification system, an efficient ash removal assembly functioning by means of a vibrating grate mechanism characterized by numerous novel attributes in terms of components and processes.

No. of Pages : 40 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/09/2011

(21) Application No.2504/DEL/2011 A

(43) Publication Date : 04/01/2013

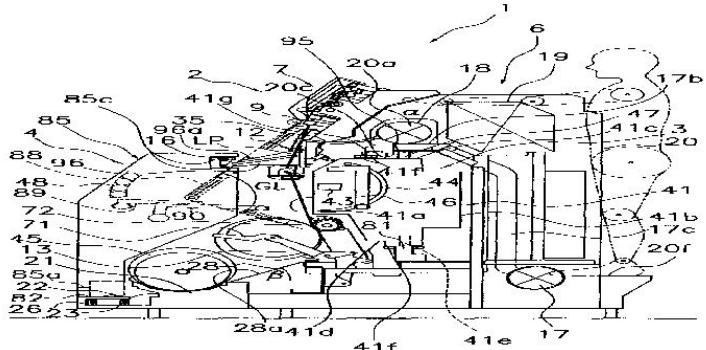
(54) Title of the invention : SPINNING MACHINE

(51) International classification	:F23G	(71)Name of Applicant :
(31) Priority Document No	:2010-202658	1)MURATA MACHINERY , LTD
(32) Priority Date	:10/09/2010	Address of Applicant :3 MINAMI OCHIAI-CHO, KISSSHINO, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326
(33) Name of priority country	:Japan	Japan.
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)YOKOTA ITARU 2)UEDA KENICHI
(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 fine spinning machine includes a plurality of spinning units, a yarn joining cart, and a first suction duct. A plurality of spinning units are arranged in a first direction, and are adapted to produce a spun yarn from a fiber bundle. The yarn joining cart is capable of travelling along the first direction, and is adapted to perform a yarn joining operation to any one of the plurality of spinning units. At least a portion of the first suction duct is arranged along the first direction and at least at a position located higher than an upper surface of the yarn joining cart or lower than a lower surface of the yarn joining cart in a height direction of the spinning units. The first suction duct is adapted to suck and transport fiber wastes that generate when the yarn joining cart performs the yarn joining operation. Most Illustrative Drawing: FIG. 2

FIG. 2



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2519/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR CONNECTING AN INDUCTIVE LOAD AND CONNECTING CIRCUIT FOR CARRYING OUT THE METHOD

(51) International classification	:F03G	(71)Name of Applicant :
(31) Priority Document No	:10 2010 0446 00.9	1)ALSTOM TECHNOLOGY LTD Address of Applicant :BROWN BOVERI STRASSE 7, CH - 5400 BADEN, SWITZERLAND
(32) Priority Date	:07/09/2010	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)ANDY RUDEL 2)CARSTEN MEINECKE 3)JOHANN REIS
(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 invention relates to a method for connecting an inductive load, especially a winding of a generator, for testing purposes to a predetermined alternating medium voltage, whereby the inductive load is connected to the medium voltage by means of a breaker (17). To reduce the inrush current, the connection is timed to come into effect when the medium voltage has a predetermined phase.

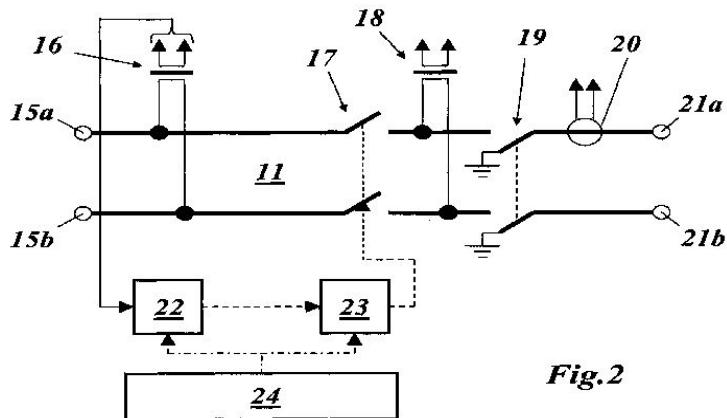


Fig.2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.24/DEL/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TOUCH SCREEN BASED INTERACTIVE MEDIA SHARING

(51) International classification	:G09D	(71) Name of Applicant :
(31) Priority Document No	:61/430,553	1)VISWANATHAN, SUBRAMANIAN
(32) Priority Date	:07/01/2011	Address of Applicant :164, 5TH AVENUE, 3RD MAIN
(33) Name of priority country	:U.S.A.	ROAD, SEASHORE TOWN, PANAYUR, CHENNAI 600119,
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	
(87) International Publication No	:NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VISWANATHAN, SUBRAMANIAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for interactive media sharing are described. In one implementation, a method for interactive media sharing includes facilitating participation in a session where the session is conducted among a plurality of touch screen user devices (TSUDs) connected to each other. The method may further include sending primary media content to one or more of the plurality of the TSUDs in real time. The method may further include receiving edited media content from at least one of the plurality of the TSUDs in real time, wherein the edited media content comprises secondary media content overlaid on the primary media content and where the secondary media content comprises first handwritten content provided through a touch screen and first multimedia data.

No. of Pages : 53 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2522/DEL/2011 A

(43) Publication Date : 04/01/2013

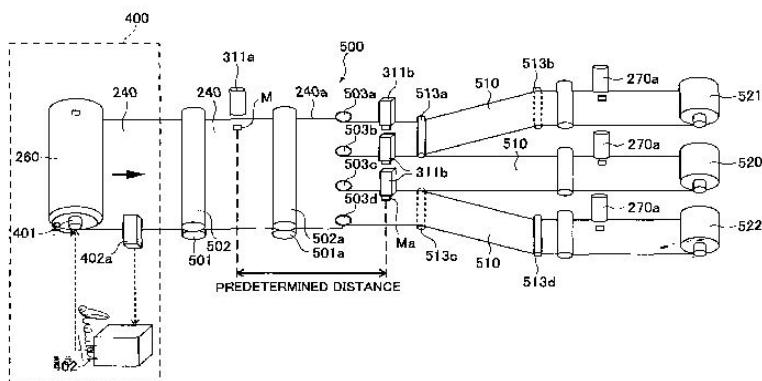
(54) Title of the invention : METHOD OF PRODUCING ROLL OF LAMINATE STRIP WITH POLARIZING FILM

(51) International classification	:F03G	(71)Name of Applicant :
(31) Priority Document No	:2010-197413	1)NITTO DENKO CORPORATION
(32) Priority Date	:03/09/2010	Address of Applicant :1 - 1 - 2, SHIMOHOZUMI, IBARAKI -
(33) Name of priority country	:Japan	SHI, OSAKA, 5678680 JAPAN
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)KITAGAWA TAKEHARU
(61) Patent of Addition to Application Number Filing Date	:NA :NA	2)NAKAZONO TAKUYA
(62) Divisional to Application Number Filing Date	:NA :NA	3)GOTO SHUSAKU
		4)MIYATAKE MINORU
		5)MORI TOMOHIRO
		6)KAMIJO TAKASHI

(57) Abstract :

Provided is a method of producing a roll of an optical film laminate strip. The method comprises the steps of: forming an optical film laminate which comprises an optical film having a continuous web of polarizing film, and a resin film bonded to the optical film; creating a reference mark to extend across the optical film laminate in a width direction thereof, in a line pattern or a dot pattern consisting of a plurality of dots, while feeding the optical film laminate in a length direction thereof; performing a defect inspection for detecting a defect existing in the optical film, while feeding the optical film laminate in the length direction, and, when a defect is detected, recording a position of the defect in the form of a laminate widthwise position and a laminate lengthwise position as measured from the reference mark; cutting the optical film laminate along a direction parallel to the length direction to form a plurality of continuous webs of laminate strips each having a given width; based on the widthwise position of the defect detected by the defect inspection, determining which of the cut laminate strips has the defect, and, with respect to a specific laminate strip which is determined to have the defect, storing information about the defect together with identification information for identifying the specific laminate strip; and winding each of the laminate strips into a roll.

FIG.33



No. of Pages : 146 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2523/DEL/2011 A

(43) Publication Date : 04/01/2013

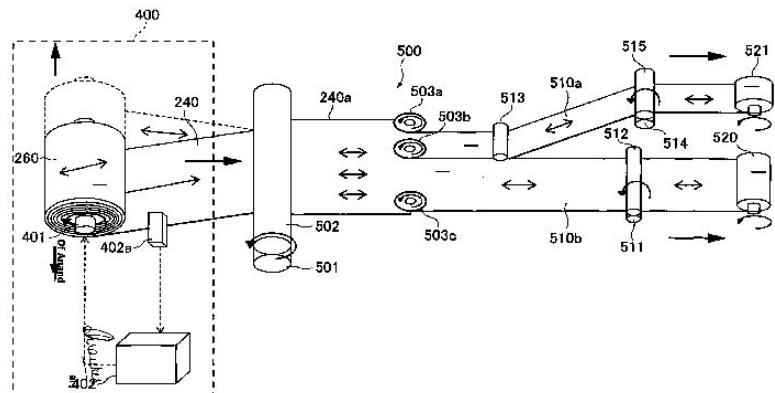
(54) Title of the invention : METHOD OF PRODUCING ROLL OF LAMINATE STRIP WITH POLARIZING FILM

(51) International classification	:F03G	(71) Name of Applicant :
(31) Priority Document No	:2010-197413	1)NITTO DENKO CORPORATION
(32) Priority Date	:03/09/2010	Address of Applicant :1 - 1 - 2, SHIMOHOZUMI, IBARAKI - SHI, OSAKA, 5678680 Japan.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)KITAGAWA TAKEHARU
Filing Date	:NA	2)NAKAZONO TAKUYA
(87) International Publication No	:NA	3)GOTO SHUSAKU
(61) Patent of Addition to Application Number	:NA	4)MIYATAKE MINORU
Filing Date	:NA	5)MORI TOMOHIRO
(62) Divisional to Application Number	:NA	6)KAMIJO TAKASHI
Filing Date	:NA	

(57) Abstract :

Disclosed is a method of producing a roll of an optical film laminate strip including a polarizing film which has a thickness of 10 µm or less. The method comprises the steps of: forming a continuous web of optical film laminate including a polarizing film which consists of a polyvinyl alcohol type resin layer and has a thickness of 10 µm or less, wherein the polarizing film is formed by performing an stretching sub-step of subjecting a laminate comprising a continuous web of thermoplastic resin substrate and a polyvinyl alcohol type resin layer formed on the substrate, to a uniaxial stretching in a lengthwise direction of the laminate based on 2-stage stretching consisting of preliminary in-air stretching and in-boric-acid-solution stretching, to attain a stretching ratio of 5 to 8.5 to thereby reduce a thickness of the polyvinyl alcohol type resin layer to 10 µm or less, and an absorption sub-step of causing a dichroic material to be absorbed in the polyvinyl alcohol type resin layer; cutting the continuous web of optical film laminate along a direction parallel to the length direction to form at least one continuous web of laminate strip having a given width; and winding the continuous web of laminate strip having the given width into a roll.

FIG.32



No. of Pages : 133 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/08/2011

(21) Application No.2187/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM, VOICE CABLE ASSEMBLY, AND METHOD FOR VOICE COMMUNICATION.

(51) International classification	:G09D	(71) Name of Applicant :
(31) Priority Document No	:61/370,581	1)BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
(32) Priority Date	:04/08/2010	Address of Applicant :P.O. BOX 868, NHQ1-719, NASHUA, NH 03061-0868, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)CHRISTOPHER O'BARA
Filing Date	:NA	2)DONALD R. KERNS
(87) International Publication No	:NA	3)MATTHEW TERRANOVA
(61) Patent of Addition to Application Number	:NA	4)CHRISTOPHER DEVOY
Filing Date	:NA	5)MICHAEL T. ZIMMER
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a system for voice communication that includes a power supply assembly, at least one handset configured to transmit voice signals, a voice cable assembly communicably coupled with the power supply assembly and the at least one handset, and a main terminal communicably coupled with the voice cable assembly. The voice cable assembly includes a cable harness configured to receive a predetermined power from the power supply assembly and to receive voice signals from the at least one handset. Also, the voice cable assembly includes a voice cable circuit card assembly communicably coupled with the cable harness to receive the predetermined power and the voice signals from the cable harness. The voice cable circuit card assembly is configured to adapt the voice signals by utilizing the predetermined power in order to match a predefined voice requirement. Further disclosed are a voice cable assembly and a method for voice communication.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/08/2011

(21) Application No.2454/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SUTURE ANCHOR AND THREADER

(51) International classification	:F21S	(71)Name of Applicant :
(31) Priority Document No	:61/378,190	1)DEPUY MITEK, INC.
(32) Priority Date	:30/08/2010	Address of Applicant :325 PARAMOUNT DRIVE, RAYNHAM, MA 02767, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)ERIK SEBASTIAN SOJKA 2)ARTHUR G. STEPHEN 3)ANDRE FRANCISCO-GUILHERME 4)MARK W. WOLFSON 5)BRIAN HENRI ORTRANDO 6)DANIEL PAUL GAMACHE 7)JUSTIN M. PICCIRILLO 8)CHRISTOPHER WEINERT
(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 suture anchor assembly includes a suture anchor having a body, the body having a path for threading a suture therethrough. It also includes a suture threader received within the body through the path. The suture threader is an elongated tube having an expanded first end outside of the body adapted to receive suture therein and a closure mechanism for closing the expanded end about the suture whereby to allow the suture to be held by the tube and pulled through the path the load the suture into the body.

No. of Pages : 46 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.25/DEL/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : OPTICAL SYSTEM, OPTICAL APPARATUS AND METHOD FOR ARRANGING DIFFRACTIVE OPTICAL ELEMENT

(51) International classification	:G01J
(31) Priority Document No	:2011-004542
(32) Priority Date	:13/01/2011
(33) Name of priority country	:Japan
(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)NIKON CORPORATION

Address of Applicant :12-1, YURAKUCHO 1-CHOME
CHIYODA-KU, TOKYO 100-8331 JAPAN

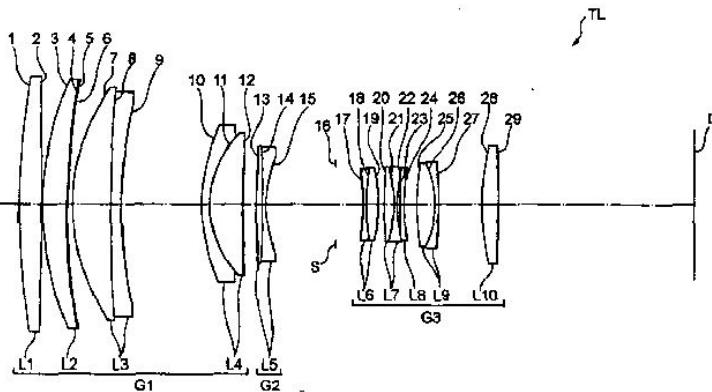
(72)Name of Inventor :

1)FUJIMOTO, MAKOTO

(57) Abstract :

A telephoto lens TL having, in order from an object, a plurality of lenses L1, L2, ... and a diffractive optical element DOE which has a diffraction grating having a rotationally symmetric shape with respect to the optical axis, wherein the diffractive optical element DOE is disposed on any one of lens surfaces of the plurality of lenses L1, L2, ..., and conditional expression $0.50 < fa/Rd < 0.90$ or $1.10 < fa/Rd < 2.00$ is satisfied, where fa denotes a combined focal length of each lens from the lens L1, which is closest to the object, of the plurality of lenses L1, L2, ... to the lens L2, on which the diffractive optical element DOE is disposed, and Rd is a radius of curvature of the lens surface on which the diffractive optical element DOE is disposed. FIG.1

FIG.1



No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2516/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : 3 - D IMAGE PICKUP APPARATUS

(51) International classification	:G06C	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	201942	Address of Applicant :1 - 7 - 1 KONAN, MINATO - KU,
(32) Priority Date	:09/09/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)AIICHIRO KAWASAKI
Filing Date	:NA	2)TETSURO MIYAZAKI
(87) International Publication 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 3-D image pickup apparatus includes a lens portion that includes a lens system; and an adjustment ring portion that includes plural coaxially rotatable rings. Each ring adjusts a respective one of plural optical parameters of the lens system.

No. of Pages : 48 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2531/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CONTROL DEVICE OF VEHICLE POWER TRANSMISSION MECHANISM

(51) International classification	:F21S	(71) Name of Applicant :
(31) Priority Document No	:2010-207824	1)SUZUKI MOTOR CORPORATION Address of Applicant :300, TAKATSUKA - CHO, MINAMI - KU, HAMAMATSU - SHI, SHIZUOKA 432 - 8611 (JP) Japan
(32) Priority Date	:16/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)ENOMOTO, KAZUYA 2)SUZUKI, KAZUHIKO
(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 :

A control device provided with a first map capable of performing coast down control of altering a transmission ratio of a continuously variable transmission at a time of deceleration of a vehicle has a second map which is set by making a lock-up release vehicle speed for releasing a lock-up clutch and an engine rotation frequency correspond to each other, wherein, when cost down control is performed, the second map is used to set a lock-up release vehicle speed for releasing the lock-up clutch.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/09/2011

(21) Application No.2495/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : Waste Incinerator of Two-Section

(51) International classification

:F17C

(31) Priority Document No

:201010268376.2

(32) Priority Date

:01/09/2010

(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)Chongqing University of Science & Technology

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(72)Name of Inventor :

1)LIN Shun-Hong

2)XU Ming

3)LI Xiang

4)HU Gui-Chuan

5)ZHU Xin-Cai

6)TANG Yi-Ke

7)XIAO Da-Zhi

8)DING You-Qing

(57) Abstract :

It is disclosed a waste incinerator of two-section wherein secondary air supplying holes are provided on a front arch and a back arch of an incinerator body and an ignition combustion-supporting hole is provided on the back arch of the incinerator body. Grate inside the incinerator body is divided into two sections from a high point to a low point. is. an upper section and a lower section the upper section is a pushes section and the lower section is a reverse section and an independent primary air chamber is provided under each section. All heads of the grate-pieces on the pusher section fBce toward a low point of the grate and all heads of the grate-pieces on the reverser section face toward a high point of the grate.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/09/2011

(21) Application No.2510/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TUYERE FOR IRON MAKING FURNACE

(51) International classification	:B23P15/02	(71)Name of Applicant :
(31) Priority Document No	:10-2011-0006630	1)SEOUL ENGINEERING CO. LTD. Address of Applicant :1381-1 Juan-dong Nam-ku Incheon 402-825 Republic of Korea.
(32) Priority Date	:24/01/2011	
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:NA	1)LEE Hae-Yang
Filing Date	:NA	
(87) International Publication 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 tuyere for an iron making furnace including a body unit having a blast passage passing through a central axis thereof wherein the body unit includes: a frusto-conical body having a main body cooling passage; and a protruding part protruding from the body wherein the tuyere further includes: a cover unit combined with the protruding part and defining a tip body cooling passage between the cover unit and the outer circumferential surface of the protruding part; and an outer unit combined with the cover unit while surrounding the cover unit and defining an outer cooling passage therein. When the outer unit is partially damaged

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2526/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELEVATOR POWER - SAVING SYSTEM

(51) International classification	:F03G	(71) Name of Applicant :
(31) Priority Document No	:2010-201454	1)TOSHIBA ELEVATOR KABUSHIKI KAISHA Address of Applicant :5-27, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, TOKYO, JAPAN
(32) Priority Date	:08/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KINUGASA MITSUYO 2)KATO SHUNICHIRO
(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 :

According to one embodiment there is provided an elevator power-saving system. The elevator power-saving system includes a power-saving mode setting unit that shuts off power supplies of individual devices according to elevator operation demand and sets a power-saving mode, a user detector that detects a user who has reached a platform during the power-saving mode set by the power-saving mode setting unit, and a restoration controller that turns on power supplies of the individual devices when the user detector has detected a user and performs control to return to a normal operation mode.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2528/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FUNCTION EXPANSION METHOD USING PRINT DATA, FUNCTION EXPANSION DEVICE, AND RECORDING MEDIUM

(51) International classification	:F03G	(71) Name of Applicant :
(31) Priority Document No	:2010-198643	1)SEIKO EPSON CORPORATION Address of Applicant :OF 4 - 1, NISHISHINJUKU 2 - CHOME, SHINJUKU - KU, TOKYO 163 - 0811, JAPAN
(32) Priority Date	:06/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)FURUHATA, TADASHI
(86) International Application No	:NA	2)TAKAMOTO, AKIO
Filing Date	:NA	3)OYAMA, HITOSHI
(87) International Publication No	:NA	4)KODAMA, TOMOHIRO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various functions can be easily added using print data output from an existing application without modifying the existing application program. A function expansion method for executing a process that expands the functions of an application runs on a computer that operates according to an operating system on the operating system kernel layer, executes a specific process according to an application on an application layer, and has one or more communication ports, includes a step of acquiring print data output from the application on the operating system kernel layer, and a step of performing at the application layer a process expanding the function of the acquired print data, and outputs the print data after processing to a suitable communication port.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2540/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : Method and Apparatus for Sequentially Laminating Optical Film Including Polarizing Film to Rectangular-Shaped Panel

(51) International classification	:G02B	(71) Name of Applicant :
(31) Priority Document No	:2010-197413	1)Nitto Denko Corporation Address of Applicant :1-1-2 Shimohozumi Ibaraki-shi Osaka 5678680 Japan.
(32) Priority Date	:03/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KITAGAWA Takeharu
(86) International Application No	:NA	2)NAKAZONO Takuya
Filing Date	:NA	3)GOTO Shusaku
(87) International Publication No	: NA	4)MIYATAKE Minoru
(61) Patent of Addition to Application Number	:NA	5)MORI Tomohiro
Filing Date	:NA	6)KAMIJO Takashi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of sequentially laminating a carrier film-attached optical film laminate to a rectangular-shaped panel having a long side and a short side is provided. The optical film laminate comprises an optical film including a thin polarizing film and a carrier film

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No. of Pages : 145 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2520/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INSPECTION VEHICLE FOR THE INSPECTION OF SUBSTANTIALLY CYLINDRICAL OBJECTS

(51) International classification	:F03G	(71)Name of Applicant :
(31) Priority Document No	:01450/10	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:09/09/2010	Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND
(33) Name of priority country	:Switzerland	(72)Name of Inventor :
(86) International Application No	:NA	1)IGOR THOMMEN-STAMENKOV
Filing Date	:NA	2)WOLFGANG ZESCH
(87) International Publication No	:NA	3)STEPHANE LABORDE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An inspection vehicle (20) for the inspection of substantially cylindrical objects composed of a material which can be magnetized, in particular rotors (10) of steam turbines or other turbines, has a chassis (21) and a plurality of wheels (22) which are arranged on the chassis (21) such that they can rotate and at least some of which can be driven by a motor or motors, such that the chassis (21) can be moved on the wheels (22) along the external circumference of the cylindrical object (10) to be inspected, wherein magnetic means are arranged on the chassis (21) and hold the inspection vehicle (20) on the surface of the cylindrical object (10). The inspection process is simplified in that the inspection vehicle (20) has adequate chassis clearance which allows it to move without any problems over obstructions which are located on the external circumference of the cylindrical object (10) to be inspected, in particular one or more annular sealing strips (16) which project radially from the cylinder surface.

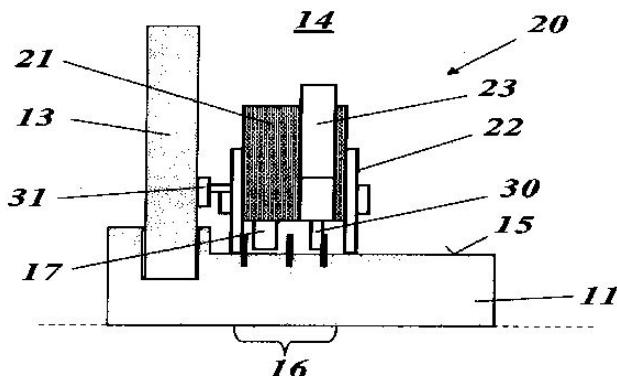


Fig.4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2521/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD OF PRODUCING ROLL OF OPTICAL FILM LAMINATE WITH POLARIZING FILM

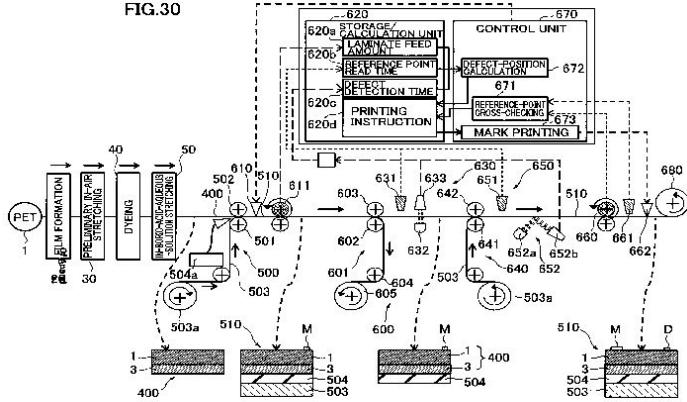
(51) International classification	:F03G
(31) Priority Document No	:2010-197413
(32) Priority Date	:03/09/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :
1)NITTO DENKO CORPORATION
Address of Applicant :1-1-2, SHIMOHOZUMI, IBARAKI-SHI, OSAKA, 5678680 Japan.
(72)Name of Inventor :
1)KITAGAWA TAKEHARU
2)NAKAZONO TAKUYA
3)GOTO SHUSAKU
4)MIYATAKE MINORU
5)MORI TOMOHIRO
6)KAMIJO TAKASHI

(57) Abstract :

A method of producing a roll of an optical film laminate including a polarizing film which has a thickness of 10 µm or less, is disclosed. The method comprises providing a roll of a separator film-attached optical film laminate which comprises the steps of: a continuous web of an optical film laminate including a polarizing film which consists of a polyvinyl alcohol type resin layer and has a thickness of 10 µm or less, and a separator film attached to the optical film laminate through an adhesive layer, wherein the polarizing film is formed by performing an stretching sub-step of subjecting a laminate comprising a continuous web of a thermoplastic resin substrate and a polyvinyl alcohol type resin layer formed on the substrate, to a uniaxial stretching, preferably a 2-stage stretching consisting of a preliminary in-air stretching and an in-boric-acid-solution stretching, in a lengthwise direction of the laminate, to reduce a thickness of the polyvinyl alcohol type resin layer to 10 µm or less, and an absorption sub-step of causing a dichroic material to be absorbed in the polyvinyl alcohol type resin layer; in a state after the separator film is peeled, detecting a defect existing in the optical film laminate and the adhesive layer; upon detection of a defect in the continuous web of optical film laminate, recording a position of the defect; and winding into a roll a separator film-attached optical film laminate formed by attaching a separator film to the adhesive layer.

FIG.30



No. of Pages : 127 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.2550/DEL/2011 A

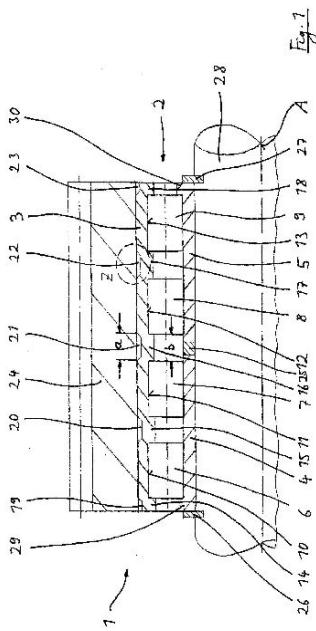
(43) Publication Date : 04/01/2013

(54) Title of the invention : BEARING ARRANGEMENT

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:10 2010	1)AKTIEBOLAGET SKF
	041 186.8	Address of Applicant :415 50 GOTEBORG, SWEDEN
(32) Priority Date	:22/09/2010	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)ARMIN OLSCHEWSKI
(86) International Application No	:NA	2)ARNO STUBENRAUCH
Filing Date	:NA	
(87) International Publication 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 bearing assembly (1) comprising an at least two-rowed roller bearing (2) having at least one outer ring (3), at least one inner ring (4, 5) and at least two rows of roller bearings (6, 7, 8, 9), which are disposed between the inner- and outer rings (3, 4, 5), wherein at least one of the bearing rings (3) has at least two adjacently-disposed tracks (10, 11, 12, 13) for the roller bodies (6, 7, 8, 9) and wherein a radially-extending flange (14, 15, 16, 17, 18) for the axial abutment of roller bodies (6, 7, 8, 9) is disposed at least between two tracks. In order to improve the running of the roller bearing, the invention provides that the bearing ring (3) carrying the at least one flange (14, 15, 16, 17, 18) has at least one recess (19, 20, 21, 22, 23) in the area of the axial extension of at least one flange (14, 15, 16, 17, 18), wherein the recess (19, 20, 21, 22, 23) is disposed on the radially outer- or inner-lying side of the bearing ring (3) that is opposite of the flange (14, 15, 16, 17, 18). (Fig. 1)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2524/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : POWER DISTRIBUTION SYSTEM

(51) International classification	:F03G
(31) Priority Document No	:1015562.0
(32) Priority Date	:17/09/2010
(33) Name of priority country	:U.K.
(86) International Application No	:NA
Filing Date	:NA
(87) 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)GE AVIATION SYSTEMS LIMITED

Address of Applicant :BISHOPS CLEEVE CHEL滕HAM,
GLOUCESTERSHIRE GL52 8SF, GREAT BRITAIN U.K.

(72)Name of Inventor :

1)SHIPLEY ADRIAN

2)CURWEN STEPHEN

(57) Abstract :

A power distribution system which may be provided in an aircraft for example is described. The power distribution system has a power distribution bus 110 and a plurality of localised voltage converters 120, each supplied by the power distribution bus 110. By providing a plurality of localised voltage converters 120, the power distribution system may use fewer, or just a single power distribution bus 110 at a particular voltage and convert to the desired voltage at or near to each of a plurality of pieces of electrical equipment being supplied.

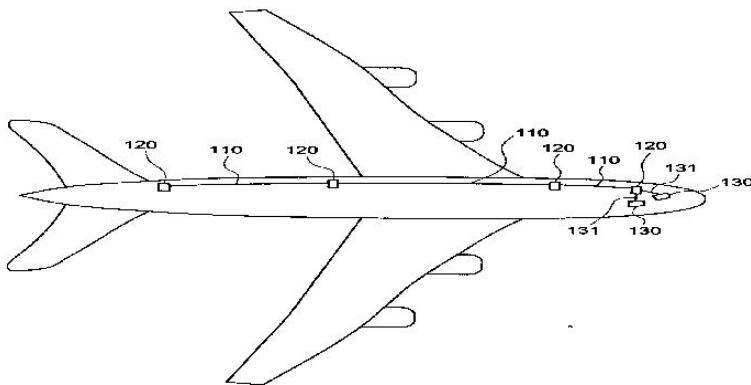


FIG. 2

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2537/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : Roll of Continuous Web of Optical Film Laminate and Production Method Therefor

(51) International classification	:E05F	(71) Name of Applicant :
(31) Priority Document No	:2010-197413	1)Nitto Denko Corporation Address of Applicant :1-1-2 Shimohozumi Ibaraki-shi Osaka 5678680 Japan.
(32) Priority Date	:03/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KITAGAWA Takeharu 2)NAKAZONO Takuya 3)GOTO Shusaku 4)MIYATAKE Minoru 5)MORI Tomohiro 6)KAMIJO Takashi
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of producing a roll of a continuous web of an optical film laminate usable in a process of laminating an optical film sheet including a polarizing film and formed to a size corresponding to that of an optical panel to a surface of the optical panel being fed to a lamination position is disclosed. The polarizing film is prepared by subjecting a laminate comprising a thermoplastic resin substrate and a PVA type resin layer formed on the substrate to uniaxial 2-stage stretching to reduce a thickness of the PVA type resin layer to

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No. of Pages : 151 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2011

(21) Application No.2539/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : Method and Apparatus for Continuously Producing Optical Panel Assemblies

(51) International classification	:G02B
(31) Priority Document No	:2010-197413
(32) Priority Date	:03/09/2010
(33) Name of priority country	:Japan
(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

(71)Name of Applicant :

1)Nitto Denko Corporation

Address of Applicant :1-1-2 Shimohozumi Ibaraki-shi
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(72)Name of Inventor :

1)KITAGAWA Takeharu

2)NAKAZONO Takuya

3)GOTO Shusaku

4)MIYATAKE Minoru

5)MORI Tomohiro

6)KAMIJO Takashi

(57) Abstract :

A method of producing an optical panel assembly including the polarizing film in a continuous manner by laminating a polarizing film to a surface of a rectangular-shaped optical panel is disclosed. The polarizing film is formed by performing a step of subjecting a laminate comprising a continuous web of a thermoplastic resin substrate and a PVA type resin layer formed on the substrate to a 2-stage stretching consisting of a preliminary in-air stretching and an in-boric-acid-solution stretching to reduce a thickness of the IVA type resin layer to 10 pm or less and a step of causing a dichroic material to be

No. of Pages : 149 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.2551/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : STEERING COLUMN ASSEMBLY

(51) International classification	:G06F
(31) Priority Document No	:10181058.8
(32) Priority Date	:28/09/2010
(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)KONGSBERG POWER PRODUCTS SYSTEMS AB

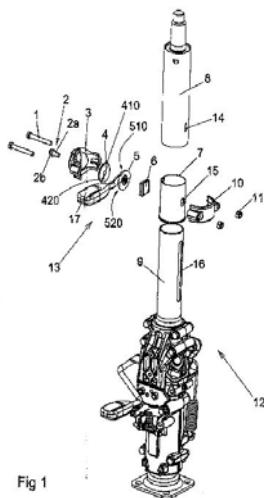
Address of Applicant :HESTRAVAGEN 1, 514 55
LJUNGSARP, SWEDEN

(72)Name of Inventor :

1)TOBIAS OLSSON

(57) Abstract :

Steering column assembly (12) with steering shafts axially movable but rotation prevented in relation to each other and disposed in a column jacket (8, 9) which column jacket comprises an outer jacket (8) and an inner jacket (9), the inner jacket (9) being axially slidably disposed in the outer jacket (8) which is provided with a first through aperture extending through the outer jacket (8) in which aperture a frictional plate (6) is located and provided with radially force transmitting means (2, 4, 5) arranged for applying a radial directed force on the frictional plate (6) resulting in that the frictional plate being pressed against the inner jacket (9) while manoeuvring the force transmitting means (2, 4, 5). The force transmitting means (2, 4, 5) comprises a first cam member (4) and a second cam member (5) each of which includes a number of inclined surfaces (510, 520, 410, 420) facing each other and in that one of the cam members (4) is rotationally fixed in relation to the frictional plate (6) while the other cam member (5) is rotationally mounted in relation to said plate (6) by a lever (17) in order to provide an axial displacement force between the two cam members (4, 5) by said surfaces which displacement force provides a radial motion acting upon the frictional plate (6) and directed towards the inner jacket (9). (Figure 1)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2543/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FLANGE FOR MOUNTING A TOOL ON A SPINDLE

(51) International classification	:H01K	(71) Name of Applicant :
(31) Priority Document No	:10175474.5	1)WENDT GMBH
(32) Priority Date	:06/09/2010	Address of Applicant :FRITZ - WENDT - STRASSE 1, D -
(33) Name of priority country	:EUROPEAN UNION	40670 MEERBUSCH, GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KLAUS VOIGT
(87) International Publication 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 flange for mounting a tool, on a spindle, the flange, when in the mounted state, with one end acting together with a spindle and, in the region of the other, opposite end, having a receiving surface that is aligned orthogonally in relation to the rotational axis of the flange and on which the tool bears when in the mounted state. In order to specify a flange that allows even thin objects, composed of a brittle material, to be machined by a rotating tool, in particular a grinding disc, for the purpose of vibration damping the flange is to have at least one partial region that extends over the entire cross-sectional area of the flange and that is composed of a vibration-damping material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.2555/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM FOR THERMALLY CONTROLLING A SOLID FEED PUMP

(51) International classification

:H01C

(31) Priority Document No

:12/887,335

(32) Priority Date

:21/09/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)FREY GEORGE FREDERICK

2)RUSSELL STEVEN CRAIG

(57) Abstract :

According to various embodiments, a system includes a solid feed pump (10). The solid feed pump (10) includes a housing (166), a rotor (216) disposed in the housing (166), a curved passage (220) disposed between the rotor (216) and the housing (166), an inlet (160) coupled to the curved passage (220), an outlet (162) coupled to the curved passage (220), a solid feed guide (222) extending across the curved passage (220), and a thermal control path (214) through a portion of the solid feed pump (10).

No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.2556/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MEMORY DEVICE AND SEMICONDUCTOR DEVICE

(51) International classification	:H01C	(71) Name of Applicant :
(31) Priority Document No	:2010-205253	1)SEMICONDUCTOR ENERGY LABORATORY CO., LTD.
(32) Priority Date	:14/09/2010	Address of Applicant :398 HASE, ATSUGI - SHI, KANAGAWA - KEN 243 - 0036 Japan.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)KOYAMA JUN
Filing Date	:NA	2)YAMAZAKI SHUNPEI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of one embodiment of the present invention is to propose a memory device in which a period in which data is held is ensured and memory capacity per unit area can be increased. In the memory device of one embodiment of the present invention, bit lines are divided into groups, and word lines are also divided into groups. The word lines assigned to one group are connected to the memory cell connected to the bit lines assigned to the one group. Further, the driving of each group of bit lines is controlled by a dedicated bit line driver circuit of a plurality of bit line driver circuits. In addition, cell arrays are formed on a driver circuit including the above plurality of bit line driver circuits and a word line driver circuit. The driver circuit and the cell arrays overlap each other.

No. of Pages : 110 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.2557/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CAMERA ACCESSORY

(51) International classification	:G01K	(71) Name of Applicant :
(31) Priority Document No	:2010-198864	1)NIKON CORPORATION
(32) Priority Date	:06/09/2010	Address of Applicant :12 - 1, YURAKUCHO 1 - CHOME CHIYODA - KU, TOKYO 100 - 8331 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)HASUDA, MASANORI
Filing Date	:NA	2)KOTANI, NORIYASU
(87) International Publication No	:NA	3)HOSHIKAWA, HIDEAKI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An accessory mount can be inserted through the camera body mount without any of the first through third tabs being hindered by any of three camera body-side tabs at the camera body mount, as long as the accessory mount is inserted into the camera body mount at a correct interlock phase. The first tab, the second tab and the third tab extend over varying lengths along the circumferential direction. The first tab extends over a greatest length along the circumferential direction among the first through third tabs. The third tab extends over a smallest length along the circumferential direction among the first through third tabs. The accessory mount includes a restricting member disposed near the third tab, a fitting portion used to align an optical axis of the accessory mount with an optical axis of the camera body, and a lock pin hole through which a lock pin, retractably disposed at the camera body, is inserted so as to lock the camera accessory in a fully mounted state. The restricting member is disposed at a position assumed on a side substantially opposite from the lock pin hole across the fitting portion.

No. of Pages : 93 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.2563/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR MANUFACTURING ARTIFICIAL PAVING THAT HELP IMPROVING GLOBAL WARMING

(51) International classification	:G01S
(31) Priority Document No	:099130440
(32) Priority Date	:09/09/2010
(33) Name of priority country	:Taiwan
(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

(71)Name of Applicant :

1)JUI - WEN CHEN

Address of Applicant :NO. 288 - 48, ZHONGZHENG RD., SHULIN DIST., NEW TAIPEI CITY 238, R.O.C. Taiwan

2)TING - HAO CHEN

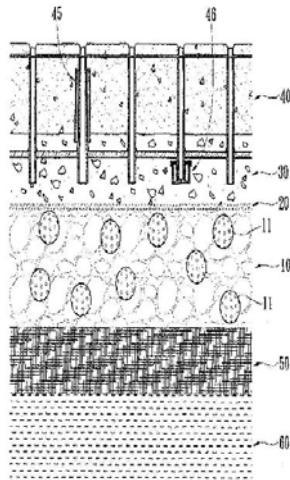
(72)Name of Inventor :

1)JUI - WEN CHEN

2)TING - HAO CHEN

(57) Abstract :

Provided is a method for manufacturing artificial paving that helps improving global warming. A water permeable paving layer is provided under which a drain layer, which includes gravels or sand, is selectively formed, and an interfacing layer is formed under the drain layer. An ecological gradation layer is set and rammed. The underside ecological gradation layer provides an effect of supporting and, due to the ecological gradation layer containing therein hollow bodies, which can be embodied as disaster-prevention water-storage hollow bodies or earth-improvement hollow bodies or microorganism-culture hollow bodies or water-keeping hollow bodies as desired, allows rainwater falling on ground surface to quickly penetrate down into the underground location, makes the ecological gradation layer effectively preserve water in high water content, and prompt breeding of microorganisms, whereby when the atmosphere is of a high temperature, underground humidity can be released through drainpipes that constitute the water permeable paving.



No. of Pages : 40 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.2564/DEL/2011 A

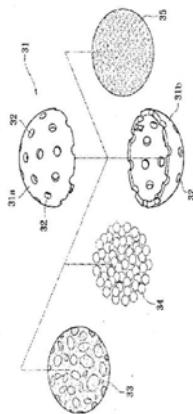
(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR MANUFACTURING GEOLOGICAL GRADATION FEATURING DISASTER PREVENTION AND ECOLOGIC FUNCTION

(51) International classification	:B31C	(71) Name of Applicant :
(31) Priority Document No	:099130439	1)JUI - WEN CHEN
(32) Priority Date	:09/09/2010	Address of Applicant :NO. 288 - 48, ZHONGZHENG RD., SHULIN DIST., NEW TAIPEI CITY 238, R.O.C. Taiwan
(33) Name of priority country	:Taiwan	2)TING - HAO CHEN
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)JUI - WEN CHEN
(87) International Publication No	:NA	2)TING - HAO CHEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is a method for manufacturing geological gradation layer featuring disaster prevention arid ecologic function, which uses on-site earth or gradation materials commonly adopted in road construction, including aggregates, soils, gravels, or a mixture of water permeable concrete, and most importantly, added with uniquely arranged hollow bodies, all constituents being mixed and laid on soil stratum, and subjected to ramming, to form an ecological gradation layer. The ecological gradation layer provides an effect of supporting and also provides the functions of water storage, water preservation, and improving earth, whereby earth microorganisms and earth protozoa may establish a beneficial survival environment in earth, making the gradation layer exhibiting the characteristics of 10 high water content and prompting breeding of microorganisms. When the atmosphere gets hot, water is released from the soil as vapor to alleviate the heat island effect and when rainwater precipitates, the rainwater can be stored for use in draughts.



No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.2565/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SHAFT JOINT OF STEERING SYSTEM FOR VEHICLES AND METHOD OF MANUFACTURING THE SAME□

(51) International classification	:B61C	(71) Name of Applicant :
(31) Priority Document No	:10-2010-0127181	1)DREAMTEC. INC. Address of Applicant :134-11 Namseong-ri Sinchang-myeon Asan-si Chungcheongnam-do 336-882 Republic of Korea
(32) Priority Date	:13/12/2010	
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor :
(86) International Application No	:NA	1)KIM HONG-KEUN
Filing Date	:NA	
(87) International Publication 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 shaft joint of a steering system for vehicles and a method of manufacturing the same having high abrasion resistance while preventing deformation of a spline are provided. The method of manufacturing a shaft joint to be used for a steering system for vehicles includes: forming a shaft joint including a shaft and a yoke with a material; forming a spline in the shaft; and performing a heat treatment in the spline to have high abrasion resistance while preventing the spline from being deformed. Further a shaft joint of a steering system for vehicles including a yoke that is formed to be connected to a steering column constituting the vehicle steering system and a shaft having a spline in an external circumferential surface wherein a surface hardening layer that is generated through a heat treatment is provided in a surface of the spline.....

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2011

(21) Application No.2579/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHODS AND DEVICES FOR LOW SPEED LOW TORQUE TESTING OF A ROTOR IN A TURBOMACHINERY

(51) International classification	:H02P	(71) Name of Applicant :
(31) Priority Document No	:MI2010A001638	1)NUOVO PIGNONE S.P.A.
(32) Priority Date	:09/09/2010	Address of Applicant :VIA FELICE MATTEUCCI, 2, 50127 FLORENCE, ITALY
(33) Name of priority country	:Italy	(72) Name of Inventor :
(86) International Application No	:NA	1)BEI SIMONE
Filing Date	:NA	2)CASONI ANDREA
(87) International Publication No	:NA	3)BAGNI GIANNI
(61) Patent of Addition to Application Number	:NA	4)BENERICETTI DANIELE
Filing Date	:NA	5)D'ALESSANDRO GIUSEPPE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and devices for performing a low torque low speed test to determine whether a rotor of a turbomachinery is free to rotate are provided. A method includes automatically applying a torque to the rotor, the torque gradually increasing up to a predetermined torque value. The method further includes monitoring the speed of the rotor while the torque is gradually increased. The method also includes outputting an indication that the rotor is free to rotate after the speed of the rotor becomes positive, or outputting an indication that the rotor is locked when the speed of the rotor remains zero and the applied torque has reached the predetermined torque value.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.2558/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CAMERA ACCESSORY, CAMERA ACCESSORY MOUNT, CAMERA BODY AND CAMERA BODY MOUNT

(51) International classification	:G01K	(71) Name of Applicant :
(31) Priority Document No	:2010-198864	1)NIKON CORPORATION Address of Applicant :12 - 1, YURAKUCHO 1 - CHOME CHIYODA - KU, TOKYO 100 - 8331 JAPAN
(32) Priority Date	:06/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)HASUDA, MASANORI 2)KOTANI, NORIYASU 3)HOSHIKAWA, HIDEAKI
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication 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 camera accessory can be detachably engaged with a camera body that includes a camera body mount, and is equipped with an accessory mount assuming a bayonet structure with a first tab, a second tab and a third tab set over intervals in a circumferential direction running along a circumference of a circle with a predetermined diameter and projecting from the circumference along a radial direction. The accessory mount can be inserted through the camera body mount without any of the first through third tabs being hindered by any of three camera body-side tabs at the camera body mount, as long as the accessory mount is inserted into the camera body mount at a correct interlock phase. The first tab, the second tab and the third tab extend over varying lengths along the circumferential direction. The first tab extends over a greatest length along the circumferential direction among the first through third tabs. The third tab extends over a smallest length along the circumferential direction among the first through third tabs. The accessory mount includes a restricting member disposed near the third tab.

No. of Pages : 94 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2011

(21) Application No.2572/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CONNECTION BOX FOR A DUCT SYSTEM IN A VENTILATION OR AIR-CONDITIONING INSTALLATION

(51) International classification	:B27M	(71) Name of Applicant :
(31) Priority Document No	:10176242.5	1)TROX GMBH
(32) Priority Date	:10/09/2010	Address of Applicant :HEINRICH-TROX-PLATZ 1, 47506 NEUKIRCHEN-VLUYN GERMANY
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)LUKAS ZWIERNIK
Filing Date	:NA	2)THOMAS WOLTERS
(87) International Publication 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 connection box for an air line in a ventilation or air-conditioning installation, having a housing which comprises a housing wall consisting in particular of a plurality of housing-wall regions, said housing having at least one inlet and at least one outlet. In order to specify a connection box which allows easier mounting, it is intended that the housing of the connection box can be collapsed, pushed together and/or folded in order to reduce the volume taken up by the housing, in particular for transporting, and that in the region of the inlet there is provided a flap which is mounted in the inlet such that it can pivot about a shaft or axle, which is arranged in particular centrally with respect to the opening, between an open position and a closed position and extends in its closed position at least over a substantial part of the flow cross section of the inlet, in particular completely closes the flow cross section of the inlet.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2011

(21) Application No.2573/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FLAP, IN PARTICULAR THROTTLE FLAP, FOR INFLUENCING A VOLUMETRIC FLOW FLOWING IN A VENTILATION AND AIR-CONDITIONING SYSTEM

(51) International classification	:B27M	(71) Name of Applicant :
(31) Priority Document No	:10176225.0	1)TROX GMBH
(32) Priority Date	:10/09/2010	Address of Applicant :HEINRICH-TROX-PLATZ 1, 47506 NEUKIRCHEN-VLUYN,GERMANY
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)LUKAS ZWIERNIK
Filing Date	:NA	2)DANIEL LEITNER
(87) International Publication 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 flap, in particular a throttle flap, for influencing a volumetric flow flowing in a ventilation and air-conditioning system. In order to specify a flap which has a simpler design and can additionally be produced and also mounted more easily, the intention is for the flap to be arranged in an installation frame having an opening and for the flap and the installation frame to form a mounting unit, wherein the flap is mounted in the opening such that it can pivot about a shaft or axle arranged centrally, in particular, with respect to the opening, and for the installation frame and the flap to each be produced from plastic.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2011

(21) Application No.2582/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CENTRIFUGAL FAN, AIR CONDITIONER USING THE FAN AND MOLD OF THE FAN

(51) International classification	:H02P	(71) Name of Applicant :
(31) Priority Document No	:2010-216338	1) HITACHI APPLIANCES, INC.
(32) Priority Date	:28/09/2010	Address of Applicant :16-1, KAIGAN 1-CHOME, MINATO-KU, TOKYO JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1) IWASE TAKU
Filing Date	:NA	2) ARAKANE NOBUAKI
(87) International Publication No	:NA	3) OBARA HIDESHI
(61) Patent of Addition to Application Number	:NA	4) YONEYAMA HIROYASU
Filing Date	:NA	5) KISHITANI TETSUSHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a centrifugal fan, to solve an increase in manufacturing costs accompanied by complicated three-dimensional profiling of blades for the high efficiency thereof, the centrifugal fan includes a hub rotationally driven, a shroud having a suction port of air, and a plurality of blades arranged between the hub and the shroud. The blade inlet angle s_1 on the shroud side of the blade is smaller than the blade inlet angle h_1 on the hub side. The trailing edge end portion on the shroud side is arranged behind in a rotating direction with respect to the trailing edge end portion on the hub side. The hub and the blades are integrally molded. The leading edge end portion on the shroud side is arranged behind in the rotating direction with respect to a pressure surface in a joined projection surface on the hub side as seen from the direction of the rotating axis, and the plurality of blades are arranged on the hub such that molds molding one blade of the plurality of blades and the other blade adjacent to the one blade are pulled out in an outlet direction of air.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/09/2011

(21) Application No.2561/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : OPTICAL FIBER, OPTICAL FIBER PREFORM AND METHOD OF FABRICATING SAME

(51) International classification	:G01S	(71) Name of Applicant :
(31) Priority Document No	:2010-198673	1)SHIN - ETSU CHEMICAL CO., LTD. Address of Applicant :6 - 1, OHTE - MACHI 2 - CHOME, CHIYODA - KU, TOKYO 1000004, JAPAN
(32) Priority Date	:06/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)HIROSHI OYAMADA 2)TETSUYA OTOSAKA
(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 :

An optical fiber capable of suppressing an increase of a transmission loss after exposure of the optical fiber to hydrogen or deuterium is provided. The optical fiber has a core region, an inner cladding region surrounding the core region, a trench region surrounding the inner cladding region, an outer cladding region surrounding the trench region, and a refractive index varying region arranged between the inner cladding region and the trench region, the refractive index varying region having a refractive index gradually increasing from the trench region to the inner cladding region.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/09/2011

(21) Application No.2574/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CONNECTOR AND METHOD OF PRODUCING IT

(51) International classification	:B27M	(71) Name of Applicant :
(31) Priority Document No	:2010-206115	1)SUMITOMO WIRING SYSTEMS, LTD.
(32) Priority Date	:14/09/2010	Address of Applicant :1-14, NISHISUEHIRO-CHO, YOKKAICHI-CITY, MIE 510-8503, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)MITSUNORI KITAJIMA
(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 connector A is provided with a housing 10 made of synthetic resin, press-fit holes 13 formed through the housing 10 and each having a substantially rectangular cross-sectional shape, and terminal fittings 20 to be inserted into the press-fit holes 13. Each terminal fitting 20 is formed with a first press-fit portion 25 which has a substantially rectangular cross-sectional shape and brings two flat areas 26 substantially parallel to each other out of four outer surfaces into surface contact with the inner wall of the press-fit hole 13 in a fluid- or liquid-tight manner. The first press-fit portion 25 is formed with first and second bulging portions 27A, 27B which locally bulge in forward and backward directions parallel to the two flat areas over the entire areas in a width direction connecting the two flat areas 26 and press the inner wall of the press-fit hole 13 in a fluid- or liquid-tight manner.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.2586/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRIC STAPLER

(51) International classification	:H02K	(71) Name of Applicant :
(31) Priority Document No	:2010-211161	1)MAX CO., LTD.
(32) Priority Date	:21/09/2010	Address of Applicant :6-6, NIHONBASHI HAKOZAKI-CHO, CHUO-KU, TOKYO 103-8502, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)HIROAKI TAKAHASHI
Filing Date	:NA	2)OSAMU YATABE
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

On an electric stapler (20), a manual handy stapler (1) including a clincher arm (4) and an arm member (11) for driving a driver (11a) for striking a staple (7) is mounted. The electric stapler (20) is provided with: a mounting recess portion (23) to which the clincher arm (4) is mounted; a pressure lever (41) for pressing the arm member (11) of the manual handy stapler (1) mounted on the mounting recess portion (23); a drive portion (51) for driving the pressure lever (41); a detection portion (30) for detecting that the manual handy stapler (1) is mounted on the mounting recess portion (23); and a control portion (91) for driving the drive portion (51) when the detection portion (30) detects the mounted manual handy stapler (1).

No. of Pages : 102 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.2587/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CHILPROOF CLOSURE FOR A DISPENSING APPARATUS

(51) International classification	:H02K
(31) Priority Document No	:10176212.8
(32) Priority Date	:10/09/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SULZER MIXPAC AG

Address of Applicant :RUTISTRASSE 7, 9469 HAAG,
SWITZERLAND

(72)Name of Inventor :

1)SASAN HABIBI-NAINI

(57) Abstract :

A childproof closure for a dispensing apparatus (5) having first bayonet fastening means (20), wherein the closure (40, 50, 80, 100) has second bayonet fastening means (21). One of the two bayonet fastening means (20, 21) has bayonet lugs (30, 32) which can be introduced into corresponding socket elements (25, 27) of the other bayonet fastening means (20, 21). Both bayonet fastening means (20, 21) moreover have coding elements (13, 23, 35, 38) for a preset alignment of the closure (40, 50, 80, 100) and of the dispensing apparatus (5). The closure (40, 50, 80, 100) has a closure element (40, 50) having first engagement elements (43, 70) and a securing cap (80, 100) which at least partly covers the closure element (40, 50) and has second engagement elements (75, 130). The securing cap (80, 100) and the closure element (40, 50) are connected cohesively strongly, but rotatably with respect to one another, by means of shape-matched elements (58, 60, 90, 120). The securing cap (80, 100) is configured at least partly elastically deformably such that the first and second engagement elements (43, 70, 75, 130) can be brought into engagement with one another by pressing the securing cap (80, 100) toward the closure element (40, 50). (Fig. 4)

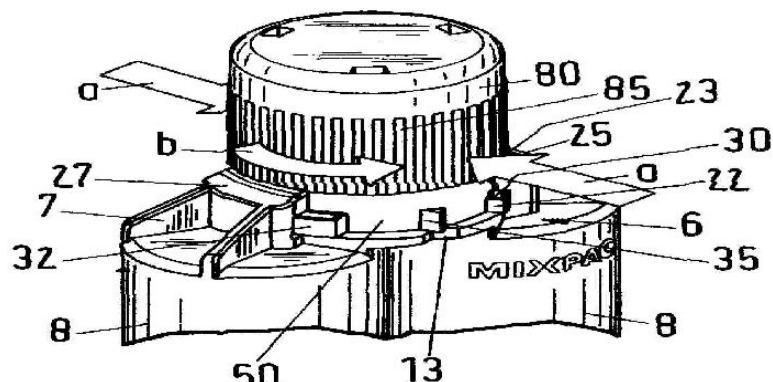


Fig.4

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.2598/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INFANT WARMER

(51) International classification	:H01L	(71) Name of Applicant :
(31) Priority Document No	:12/890,053	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:24/09/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)FALK STEVEN MITCHELL
Filing Date	:NA	2)TEN EYCK LAWRENCE GUY
(87) International Publication 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 an infant compartment (24), and a heating system (20) pneumatically coupled with the infant compartment (24). The heating system (20) includes a heater (50) configured to selectively transfer heat to the infant compartment (24), and a thermal storage device (52) configured to store heat from the heater (50) and to selectively transfer said stored heat to the infant compartment (24). A controller (21) is operatively connected to the heating system (20). The controller (21) is configured to regulate the transfer of heat from the thermal storage device (52) such that a target temperature is maintained within the infant compartment (24).

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.2599/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : UPGRADE KIT AND POWER MANAGEMENT DEVICE FOR AN UPGRADE KIT

(51) International classification

:H01L

(31) Priority Document No

:201010294397.1

(32) Priority Date

:25/09/2010

(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)GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC

Address of Applicant :3000 NORTH GRANDVIEW BOULEVARD WAUKESHA, WI 53188-1696, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)XU JINBO

2)LIU MING

(57) Abstract :

The present invention discloses a power management device for an upgrade kit and an upgrade kit. The power management device for an upgrade kit of the present invention comprises: a sensor for sensing the power status of the target system; a power distribution unit, for powering on or off all the subsystems of the upgrade kit according to the power status of the target system. The upgrade kit of the present invention for upgrading the target system to a digital system comprises a power management device for an upgrade kit of the present invention. Because the present invention can power on or off all the subsystems of the upgrade unit according to the power status of the target system, it may avoid X-ray overdose to a patient owing to forgetting to power on the subsystem of the upgrade kit, thus the safety for the patient is enhanced.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.2610/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUS FOR FABRICATING A GLASS ROD AND METHOD OF SAME

(51) International classification	:B62D	(71) Name of Applicant :
(31) Priority Document No	:2011-194105	1)SHIN-ETSU CHEMICAL CO., LTD.
(32) Priority Date	:06/09/2010	Address of Applicant :6-1, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-0004, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)TETSUYA OTOSAKA
(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 provides a apparatus and a method for fabricating a glass rod capable of suppressing a diameter fluctuation of a drawn glass rod even in case of a relatively large diameter reduction ratio between a glass preform and a glass rod, such as 60 to 95%. A feed speed V1 of the glass preform is set to a constant value, a diameter D of the glass preform is acquired for determining the drawing speed V2 from a measured diameter data of the glass preform before being drawn at a diameter acquisition position defined with respect to a reference position of the furnace, and a distance from the reference position to the diameter acquisition position is defined so as to vary depending on a diameter fluctuation of the glass preform before being drawn in a longitudinal direction thereof.

No. of Pages : 40 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2613/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, PROGRAM AND INFORMATION PROCESSING METHOD

(51) International classification	:B60Q
(31) Priority Document No	:P2010/209833
(32) Priority Date	:17/09/2010
(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

(71)**Name of Applicant :**

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO, JAPAN

(72)**Name of Inventor :**

1)TSUYOSHI ISHIKAWA

(57) Abstract :

An apparatus and method provide logic for processing information. In one implementation, an apparatus includes a display unit configured to display a first stereoscopic image. The first stereoscopic image includes a first and a second content, which may be disposed at corresponding display positions in a depth direction, and at least a portion of the first content appears to overlap at least a portion of the second content. A position-changing unit is configured to modify the display positions of the first and second content, in response to the apparent overlap. A control unit is configured to generate a signal to display, a second stereoscopic image that includes the first and second content disposed at the modified display positions. The display unit is further configured to display the second stereoscopic image such that the second stereoscopic image reduces the apparent overlap between the first and second content.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.2595/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SIDEBAND ENERGY RATIO METHOD FOR GEAR MESH FAULT DETECTION

(51) International classification

:H01L

(31) Priority Document No

:12/888,842

(32) Priority Date

:23/09/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)HATCH CHARLES TERRANCE

2)HESS DUSTIN DELANY

3)WEISS ADAM ANTHONY

4)WOODSON SUMMER

5)KALB MATTHEW BENJAMIN

(57) Abstract :

Disclosed is a method (500) for assessing deterioration in a gearbox. Data is obtained (502, 504) from an operating gearbox regarding harmonic frequency amplitudes (508) and their related sidebands (510) generated as a consequence of the gearbox operation. In a first embodiment, a Sideband Energy Ratio (SER) is calculated by dividing the amplitude of the sum of sideband signals (512) associated with a harmonic to the amplitude of the harmonic (508). In a second embodiment, a SER is calculated based on sideband amplitudes (614) associated with adjacent harmonics. The ratio may be monitored over time or compared (618) to one or more values to provide an indication of deterioration.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.2596/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR THE AUTOMATED DELIVERY AND LAYUP OF RESIN INFUSED FIBERS

(51) International classification	:H01L	(71) Name of Applicant :
(31) Priority Document No	:12/889,745	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:24/09/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)VAN NIEUWENHOVE STEFAAN GUIDO 2)OSTOJIC MILE
(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 :

An automated in-line feed-through system integrating the delivery, application and infusion of a resin to one or more fiber tows and layup of the one or more infused fiber tows to form a composite structure. The system includes an automated resin delivery, deposition and infusion system configured to deposit the resin on one or more fiber tows and form the infused fiber tows. The system integrates an automated layup system including a compaction roller, a guide roller coupled to an extending cylinder, and an auxiliary roller configured to adhere the one or more infused fiber tows to a substrate. The system further includes a controller configured to control system parameters, including the control of tension of the one or more infused fiber tows within the automated layup system. Other aspects of the automated in-line manufacturing system are also provided.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2618/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PIGMENT DISPERSION PASTE FOR ELECTRODEPOSITION COATING, AND CATIONIC ELECTRODEPOSITION COATING COMPOSITION

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:2010-218106	1)KANSAI PAINT CO., LTD. Address of Applicant :33-1, KANZAKICHO, AMAGASAKI-SHI, HYOGO, JAPAN
(32) Priority Date	:29/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)KATAOKA, HARUHIKO
(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 :

To provide an electrodeposition coating with excellent storage stability, that is resistant to cissing and spitting when used after stirring, circulation, etc. have been suspended for prolonged periods. [SOLUTION MEANS] A pigment dispersion paste for an electrodeposition coating comprising a pigment dispersion resin (A), cellulose (B), an extender pigment (C) and water, wherein the extender pigment (C) has a zeta potential in the range of -10 mV to +50 mV, and the pigment dispersion paste comprises the cellulose (B) and the extender pigment (C) in proportions of 0.1-25 parts by mass and 80-800 parts by mass, respectively, with respect to 100 parts by mass of the pigment dispersion resin (A) in terms of solid content.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2619/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FASTENING ELEMENT

(51) International classification	:H01B	(71) Name of Applicant :
(31) Priority Document No	:10 2010	1)ILLINOIS TOOL WORKS INC.
(32) Priority Date	046 110.5	Address of Applicant :3600 WEST LAKE AVENUE,
(33) Name of priority country	:15/09/2010	GLENVIEW, ILLINOIS 60026, UNITED STATES OF
(86) International Application No	:Germany	AMERICA
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)SBONGK, ALBERT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Fastening element for mounting on a fastening bolt, comprising an insertion opening for the fastening bolt, wherein the insertion opening comprises at least one guidance and at least one holding device for the fastening bolt, characterized in that the insertion opening comprises at least one first section with at least one holding element for the fastening bolt and at least one second section which forms the guidance for the fastening bolt, wherein the second section is offset in the axial direction of the insertion opening with regard to the first section.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.2588/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRIC STAPLER

(51) International classification	:H02K	(71) Name of Applicant :
(31) Priority Document No	:2010-211159	1)MAX CO., LTD.
(32) Priority Date	:21/09/2010	Address of Applicant :6-6, NIHONBASHI HAKOZAKI-CHO, CHUO-KU, TOKYO 103-8502, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)HIROAKI TAKAHASHI
Filing Date	:NA	2)OSAMU YATABE
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

On an electric stapler (20), a manual handy stapler (1) is mounted. The electric stapler (20) is provided with: a pressure lever (41) including, at one end side thereof, a pressure portion (45) for pressing an arm member (11) of the manual handy stapler (1); a motor (52) for driving the pressure lever (41); and a rotation control mechanism (61) for rotating and controlling the pressure lever (41). The rotation control mechanism (61) is provided with: an eccentric cam (62, 71) rotatable by the motor (52); and a rotation control shaft (66) connected to the eccentric cam (62, 71) on the other end side of the pressure lever (41). A rotation drive member (63, 72) is rotatably provided on the eccentric cam (62, 71). The rotation control shaft (66) is inserted into the rotation drive member (63, 72) through an insertion hole (65, 74). The rotation control shaft (66) inserted through the insertion hole (65, 74) is in contact with an outer peripheral portion of the eccentric cam (62, 71).

No. of Pages : 73 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2614/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : POWER SUPPLY DEVICE

(51) International classification

:B60Q

(31) Priority Document No

:P2010-

207713

(32) Priority Date

:16/09/2010

(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

(71)Name of Applicant :

1)SONY CORPORATION

Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO, JAPAN

(72)Name of Inventor :

1)SHIHO MORIAI

2)TSUYOSHI MASATO

3)SHINICHI UESAKA

4)ATSUSHI OZAWA

5)MASANOBU KATAGI

6)TOMOYUKI ONO

7)KAZUHITO TSUCHIDA

8)SHIN HOTTA

9)KAZUO NAKAMURA

10)KENTARO MARUTANI

(57) Abstract :

A power supply device including: (a) a power supply unit group composed of a plurality of power supply units and connected with a power consuming appliance; and (b) a control device configured to control the power supply unit group, wherein the control device and each of the power supply units are connected to each other by a communicating circuit.

No. of Pages : 127 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2630/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR FLEET OPERATIONS DATA MANAGEMENT

(51) International classification	:B23B
(31) Priority Document No	:12/892,231
(32) Priority Date	:28/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GE AVIATION SYSTEMS LLC

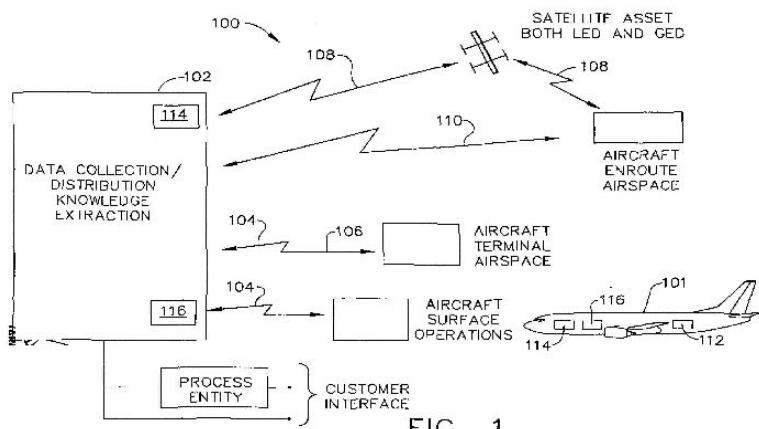
Address of Applicant :3290 PATTERSON AVENUE, NE
GRAND RAPIDS, MICHIGAN 49512, UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)RAWLE WALTER DOUGLAS

(57) Abstract :

A fleet operations data management system (100) includes a data collection and distribution network (102) configured to distribute operations data to vehicles in a fleet of vehicles and collect vehicle performance data from the vehicles in the fleet of vehicles, the distributed operations data including at least one of travel plans, navigational databases, vehicle operator business data, and passenger information, the collected aircraft performance data including at least one of vehicle body integrity parameters, FADEC performance, CNS/ATM interoperability, and air computing infrastructure characteristics, a plurality of wireless communications channels (104,106,108,110) configured to transfer of data between a vehicle fleet operator and a fleet of vehicles, an adaptive, reconfigurable embedded instrument set (112) configured to monitor variable aspects of individual aircraft performance, and a distributed control function (114) configured to identify an appropriate communications channel for data transfer. (Fig: 1)



No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2642/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FUEL CELL SYSTEM AND FUEL-CELL VEHICLE

(51) International classification	:F02H	(71) Name of Applicant :
(31) Priority Document No	:2010-205743	1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-ken JAPAN
(32) Priority Date	:14/09/2010	2)SHOWA WATER INDUSTRIES CO. LTD.
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)SATO Katsuhiko
Filing Date	:NA	2)YASUKAWA Mikio
(87) International Publication No	: NA	3)SAGASAKI Akihiro
(61) Patent of Addition to Application Number	:NA	4)WADA Tokio
Filing Date	:NA	5)KATO Yoshito
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel cell system includes fuel cells a circulation channel of a coolant to cool the fuel cells and an ion exchange resin provided on the circulation channel to maintain electrical conductivity of the coolant. The coolant contains an additive. The ion exchange resin is prepared so that adsorption of the additive on the ion exchange resin is in a saturated state. A fuel-cell vehicle includes the fuel cell system.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2011

(21) Application No.2644/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DISK HOLDING DEVICE

(51) International classification	:F02H	(71) Name of Applicant :
(31) Priority Document No	:13/052,311	1)E. PAK INTERNATIONAL, INC.
(32) Priority Date	:21/03/2011	Address of Applicant :4926 SPICEWOOD SPRINGS, SUITE 100, AUSTIN, TEXAS 78759 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)HAGGARD CLIFTON C.
Filing Date	:NA	
(87) International Publication 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 disk holding device for packaging hard drive disks includes a base, a cassette that is received against the base and a cover that is received over the cassette. The base includes a first locking surface. The cover includes a latch arm near an end of the cover. The latch arm has a second locking surface against which the first locking surface is received to secure the base and the cover together. At least one of the first locking surface or the second locking surface is moveable in an inward direction toward an interior of the cassette to unlock the locking surfaces so that the base and cover can be separated to open the disk holding device.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/09/2011

(21) Application No.2604/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DISPENSER PRODUCING BEVERAGES FROM POWDER

(51) International classification	:H01L
(31) Priority Document No	:10178021.1
(32) Priority Date	:21/09/2010
(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)NESTEC S.A.

Address of Applicant :AVENUE NESTLE 55, CH-1800
VEVEY, SWITZERLAND

(72)Name of Inventor :

1)BRUNNER YANN

2)WUERGLER HANS

(57) Abstract :

The invention concerns a dispensing machine for producing beverages from a beverage ingredient powder comprising: - diluent supply means (11,12,13), - powder storing means (3), - dosing means (4) for metering a dose of powder from the powder storing means, - guiding means (5) for delivering the dose of powder from the dosing means to a container (2), wherein it further comprises valve means (6) able to close or open the bottom extremity of the guiding means (5).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2622/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MEMBER INTEGRITY MONITORING SYSTEM AND METHOD

(51) International classification

:H01B

(31) Priority Document No

:12/884,814

(32) Priority Date

:17/09/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)JARRIER ETIENNE RENE

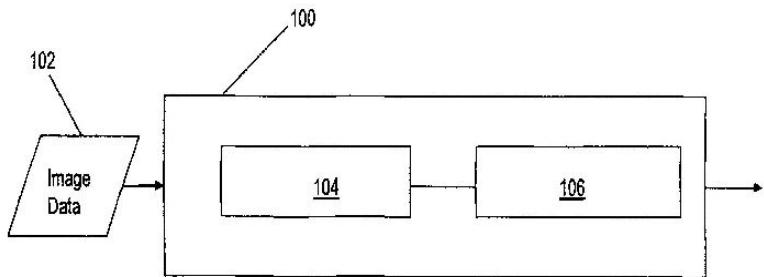
2)HINER STEVE DAVID

3)LARCOMBE SIMON CHARLES

(57) Abstract :

A monitoring system (100) for monitoring the integrity of a member (202) disposed within a machine includes an image analyzer (104) configured to receive image data (102) from an imaging device (206) and to determine an amount of radiation incident on one or more of one or more pixels of the imaging device. The monitoring system also includes a monitor (106) coupled to the image analyzer and configured to generate an alarm in the event an amount of radiation on one or more of the one or more pixels exceeds a limit.

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2623/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DATA BLOCK MIGRATION

(51) International classification	:H01B	(71) Name of Applicant :
(31) Priority Document No	:13/158,289	1)DELL PRODUCTS L.P.
(32) Priority Date	:04/10/2010	Address of Applicant :ONE DELL WAY, ROUND ROCK, TEXAS, 78682 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)JAYARAMAN VINOD
Filing Date	:NA	2)DINKAR ABHIJIT
(87) International Publication No	:NA	3)TAYLOR MARK
(61) Patent of Addition to Application Number	:NA	4)RAO GOUTHAM
Filing Date	:NA	5)ROOT MICHAEL E.
(62) Divisional to Application Number	:NA	6)BASHYAM MURALI
Filing Date	:NA	

(57) Abstract :

Techniques and mechanisms are provided for migrating data blocks around a cluster during node addition and node deletion. Migration requires no downtime, as a newly added node is immediately operational while the data blocks are being moved. Blockmap files and deduplication dictionaries need not be updated.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2624/DEL/2011 A

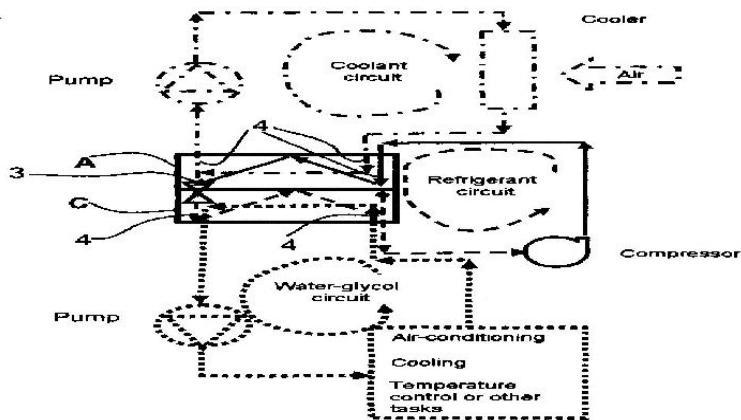
(43) Publication Date : 04/01/2013

(54) Title of the invention : INTEGRATED REFRIGERANT SYSTEM

(51) International classification	:H01S	(71) Name of Applicant :
(31) Priority Document No	:10 2010	1)MODINE MANUFACTURING COMPANY
	048 015.0	Address of Applicant :1500 DEKOVEN AVENUE RACINE, WI 53403-2552 UNITED STATES OF AMERICA
(32) Priority Date	:10/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)MANN, MARTIN
(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 invention relates to a system having a heat exchanger which is composed of stacked plates (1) and has first and second flow ducts (2) formed from said plates and has inflow and outflow ducts, formed by means of apertures (10) in the stacked plates (1), for at least three fluids, wherein the first and second flow ducts are arranged in heat exchanger sections (A, B, C), wherein one of the fluids is in heat-exchanging contact, in one heat exchanger section, firstly with the second fluid and, in another heat exchanger section, with the third fluid. According to the invention, it is provided that one heat exchanger section (A) is constructed as a condenser, through the first flow ducts of which a refrigerant as a first fluid flows, that another heat exchanger section (C) is constructed as an evaporator, through the first flow ducts of which the first fluid flows, and that an expansion element (3) for the first fluid is arranged at least so as to be operatively connected to the heat exchanger. The invention leads to further installation space reductions and to cost savings. It may be used for example in motor vehicles, in particular motor vehicles with an electric drive or with a hybrid drive, and also for static applications.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.2648/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BLADE OF A WIND TURBINE

(51) International classification	:F23Q	(71)Name of Applicant :
(31) Priority Document No	:EP10188346	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:21/10/2010	Address of Applicant :WITTELSBACHERPLATZ 2, 80333
(33) Name of priority country	:EPO	MUNCHEN, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KRISTENSEN; JENS JORGEN OSTERGAARD
(87) International Publication No	:NA	2)THRUE; CARSTEN
(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 blade of a wind turbine. The blade contains at least one vortex-generator, which is positioned at the blade-surface. The vortex-generator is constructed and arranged in a way that it contributes to the aerodynamic characteristics of the blade. The vortex-generator contains a platform and an extension-part. The blade contains a recess, which is constructed and arranged to receive at least a part of the platform of the vortex-generator. The platform is fixed at least partly within the recess.

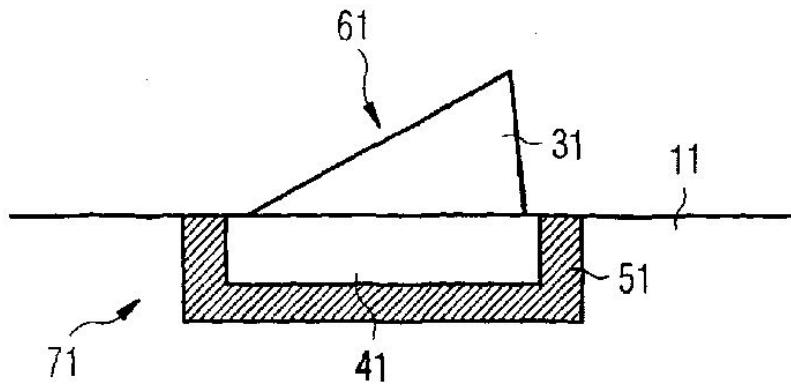


FIG-1

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/09/2011

(21) Application No.2645/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRONIC MODULE AND METHOD USED FOR FITTING A LIGHT BEACON ON THE BLADE TIP

(51) International classification	:F02H	(71) Name of Applicant :
(31) Priority Document No	:P201001185	1)GAMESA INNOVATION & TECHNOLOGY, S.L.
(32) Priority Date	:14/09/2010	Address of Applicant :AVENIDA CIUDAD DE LA
(33) Name of priority country	:Spain	INNOVACION, 9 - 11, 31621 SARRIGUREN (NAVARRA),
(86) International Application No	:NA	SPAIN
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:NA	1)AROCENA DE LA RUA, ION
(61) Patent of Addition to Application Number	:NA	2)CANDELA GAROLERA, ANNA
Filing Date	:NA	3)SANZ PASCUAL, ENEKO
(62) Divisional to Application Number	:NA	4)SANCHIS GURPIDE, PABLO
Filing Date	:NA	

(57) Abstract :

The electronic module (7) for the light beacon on the blade tip is integrated into a lighting system consisting of a power supply (3) located in the rotor (2), a fiber optic transmission system (4) that extends along the length of the blade (1), a converter (5) and a light emitting module (6). The electronic module comprises a power circuit and a control circuit, located at the blade tip (1) and encapsulated for protection against lightning strikes. The operating method of the electronic module (7) selects the blade (1) lighting during the ON interval corresponding to the 120° of the top rotation area, and keeps it switched off and receiving energy during the OFF interval corresponding to the bottom rotation area.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.2657/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FEED VESSELS AND SYSTEMS FOR PNEUMATICALLY CONVEYING SOLID PARTICLES

(51) International classification	:C07D
(31) Priority Document No	:201010508025.4
(32) Priority Date	:30/09/2010
(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

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(72)Name of Inventor :

1)HU LISHUN

2)CHEN WEI

(57) Abstract :

A feed vessel for pneumatically conveying solid particles includes a cylindrical portion, a first conical portion and a second conical portion. The first conical portion extends downward from the cylindrical portion and is configured to be in fluid communication with the cylindrical portion. The second conical portion extends downward from the first conical portion and is configured to be in fluid communication with the first conical portion. The second conical portion is configured to form a mass flow of solid particles therein and defines at least one outlet thereon for discharging the solid particles. A method for pneumatically conveying solid particles is also presented. (Fig: 1)

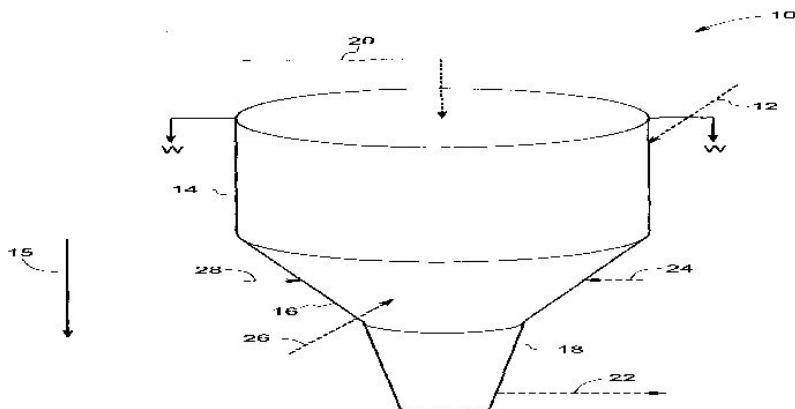


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.2658/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRIC MACHINE SYSTEM INCLUDING AN ELECTRIC MACHINE HAVING SWITCHED STATOR WINDINGS

(51) International classification	:H01B	(71) Name of Applicant :
(31) Priority Document No	:12/886,003	1)REMY TECHNOLOGIES, L.L.C.
(32) Priority Date	:20/09/2010	Address of Applicant :600 CORPORATION DRIVE, 2ND FLOOR, PENDLETON, INDIANA 46064, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)FULTON, DAVID A.
Filing Date	:NA	2)GUAN, RUI
(87) International Publication No	:NA	3)CHAMBERLIN, BRADLEY D.
(61) Patent of Addition to Application Number	:NA	4)BURTON, STEVEN C.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric machine system includes an electric motor. The electric motor includes a stator having a plurality of windings that define a number of phases. A plurality of switch members are operatively coupled to the plurality of windings. The plurality of switch members are no more than one less than three times the number of phases. A controller is operatively coupled to the plurality of switch members. The controller selectively changes a state of the plurality of switch members to establish one of a first electrical connection configuration of the plurality of windings and a second electrical connection configuration of the plurality of windings.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.2659/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SWITCH MODULE FOR AN ELECTRIC MACHINE HAVING SWITCHABLE STATOR WINDINGS

(51) International classification

:B23D

(31) Priority Document No

:12/886,021

(32) Priority Date

:20/09/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

An electric machine including a housing and a stator arranged within the housing. The stator includes a plurality of stator windings that define a number of phases. A switch module is mounted at the housing. The switch module includes a plurality of switch members that are operatively connected to the plurality of stator windings. The plurality of switch members are configured and disposed to selectively establish one of a first electrical connection configuration and a second electrical connection configuration of the plurality of stator windings.

No. of Pages : 13 No. of Claims : 20

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1)FULTON, DAVID A.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/09/2011

(21) Application No.2674/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : VEHICLE DETECTION APPARATUS

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:2010-208539	1)KABUSHIKI KAISHA TOSHIBA Address of Applicant :1 - 1, SHIBAURA 1 - CHOME, MINATO - KU, TOKYO 105 - 8001, JAPAN
(32) Priority Date	:16/09/2010	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)AOKI YASUHIRO 2)SATO TOSHIO 3)TAKAHASHI YUSUKE
(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 :

According to one embodiment, a vehicle detection apparatus includes a line segment extraction unit, candidate creation unit, evaluation unit, and specific part detection unit, and the line segment extraction unit extracts a plurality of line-segment components constituting an image of a vehicle from the image formed by photographing the vehicle. The candidate creation unit carries out polygonal approximation configured to create a closed loop by using a plurality of line-segment components to create a plurality of candidates for an area of a specific part of the vehicle. The evaluation unit carries out a plurality of different evaluations for each of the plurality of candidates. Further, the specific part detection unit detects one of the plurality of candidates as the specific part based on evaluation results of the evaluation unit.

No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2640/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TRACKLAYING GEAR

(51) International classification	:F02H	(71) Name of Applicant :
(31) Priority Document No	:10009566.0	1)Joseph Vgele AG
(32) Priority Date	:14/09/2010	Address of Applicant :Joseph-Vgele-Strasse 1 67067 Ludwigshafen/Rhein GERMANY
(33) Name of priority country	:EPO	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Arthur BRAUN
(87) International Publication 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 tracklaying gear (R) with a frame (1) comprising an idler wheel linear guide (L1) in which at least one guide piece (4) holding the idler wheel axle (3) is movable and on which a tensioning means (20) of a tensioning device (V) supported in the frame (1) can act in the guidance direction (F) at least one mechanically guided and centered elastomer spring body (25) is installed to bulge under axial compression such that it can be readjusted the elastomer spring body consisting of an elastomer material largely incompressible as a spring.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2641/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TRACKLAYING GEAR

(51) International classification	:F02H	(71) Name of Applicant :
(31) Priority Document No	:10009566.0	1)Joseph Vgele AG
(32) Priority Date	:14/09/2010	Address of Applicant :Joseph-Vgele-Strasse 1 67067
(33) Name of priority country	:EPO	Ludwigshafen/Rhein GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Arthur BRAUN
(87) International Publication 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 tracklaying gear (R) with a frame (1) comprising an idler wheel linear guide (L1) in which at least one guide piece (4) holding the idler wheel axle (3) is movable and on which a tensioning means (20) of a tensioning device (V) supported in the frame (1) can act in the guidance direction (F) between the guide piece (4) and the tensioning device (V) a further linear guide (L2) for a slider (12) movable in the same guidance direction (F) and rigidly coupled to the guide piece (4) is provided at which slider (12) the tensioning means (20) acts or at least one elastomer spring body (25) is provided as a tensioning means (20) which is formed of an elastomer material largely incompressible as a spring but bulging under axial compression such that it can be readjusted and which is mechanically guided and centered.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.2656/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FILTRATION SYSTEM AND METHOD OF DESIGN

(51) International classification

:B23B

(31) Priority Document No

:1016441.6

(32) Priority Date

:30/09/2010

(33) Name of priority country

:U.K.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)HINER STEVE DAVID

2)RICHARDSON PAUL

3)BRYANT PAUL

(57) Abstract :

A filtration system comprises at least one filter element; at least a first and a second filter media that are different to one another and are arranged in a parallel relationship whereby fluid flow through the system comprises a first fluid flow portion that flows through the first media and a second fluid flow portion that flows through the second media. (Figure 1)

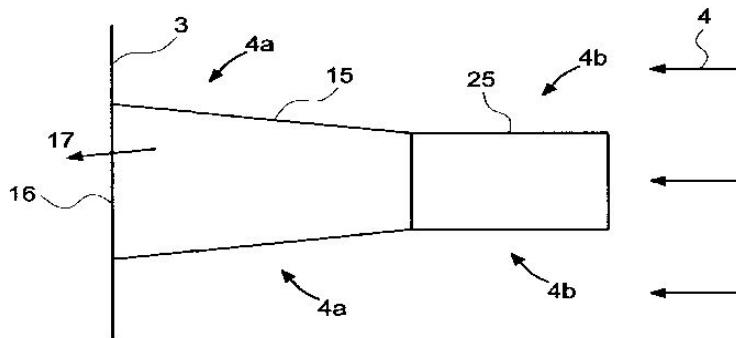


FIG. 1

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/09/2011

(21) Application No.2665/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR THE VIBRATION CONTROL OF A RISING PIPE OF A VERTICAL PUMP

(51) International classification	:B64F1/30
(31) Priority Document No	:10177472.7
(32) Priority Date	:17/09/2010
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SULZER PUMPEN AG

Address of Applicant :ZURCHERSTRASSE 12, 8401 WINTERTHUR, SWITZERLAND

(72)Name of Inventor :

1)TOMAS PESEK

(57) Abstract :

An apparatus (10) for the vibration control of a rising pipe (3) of a vertical pump is presented which riser pump is excited to vibrations in operation and which has a longitudinal direction. The apparatus (10) is outwardly positionable at the rising pipe and includes a vibration element (7.1, 7.2), one or more spring elements (8.1- 8.4) and a guide, wherein the vibration element has an opening to surround the rising pipe (3) and is movably and elastically held by the spring element or elements (8.1 - 8.4), and wherein the vibration element (7.1, 7.2) is guided by guide such that the movements of the vibration element in operation are restricted to movements in a plane perpendicular to the longitudinal direction of the rising pipe. Fig. 3

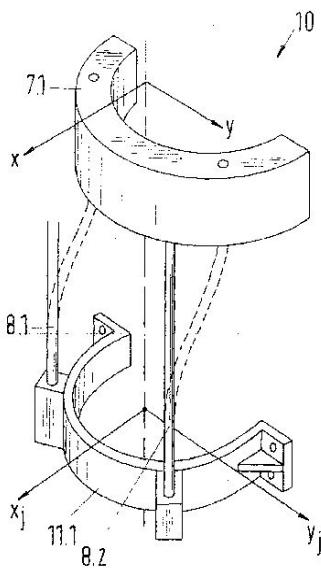


Fig.2A

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/09/2011

(21) Application No.2679/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AIR-COOLED MOTOR- GENERATOR AND METHOD FOR OPERATING SUCH A MOTOR-GENERATOR

(51) International classification	:F02B
(31) Priority Document No	:01525/10
(32) Priority Date	:21/09/2010
(33) Name of priority country	:Switzerland
(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

(71)Name of Applicant :

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1)ALEXANDER SCHWERY

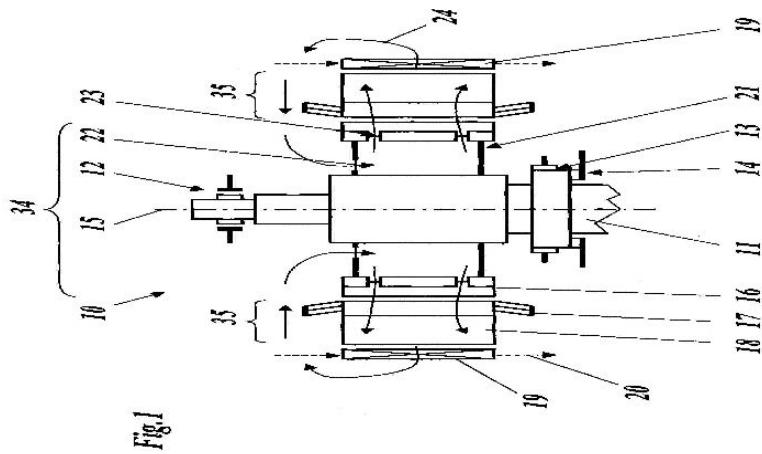
2)STEFAN BAUMEISTER

3)BENJAMIN JORDAN

4)SIMON ANDREAS FRUTIGER

(57) Abstract :

An air-cooled motor-generator (10) comprises a rotor (34) with a rotor shaft (11), which is arranged rotatably about a machine axis (15) and on which a rotor winding (16) is arranged, and a stator (35) with a stator laminate stack (18) and a stator winding (17) arranged therein, which surrounds the rotor winding (16) concentrically, a closed cooling circuit operating with cooling air (24) being provided, with the cooling air in said cooling circuit flowing through the rotor winding (16) and the stator winding (17) radially from the inside outwards, said cooling air being cooled in coolers (19) arranged outside the stator (35) and being fed back to the rotor (34). Cooling which can be changed before or during operation is achieved in a simple manner by virtue of the fact that adjustable throttle devices are provided for adjusting the volume flow of the cooling air in the cooling circuit at the coolers (19). (Figure 1)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2621/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ROTOR, GENERATOR AND WIND TURBINE

(51) International classification	:H04L
(31) Priority Document No	:EP10183634
(32) Priority Date	:30/09/2010
(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 :

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(72)Name of Inventor :

1)ERIKSEN; UFFE

2)STIESDAL; HENRIK

(57) Abstract :

A rotor (9) for a generator (7) of e.g. a wind turbine (1) includes an axis of rotation (5), a circular rotor body (10) and a circular stabilisation structure (12) arranged at a face side (11) of the rotor body (10), wherein the stabilisation structure (12) comprises a brake disc (14).

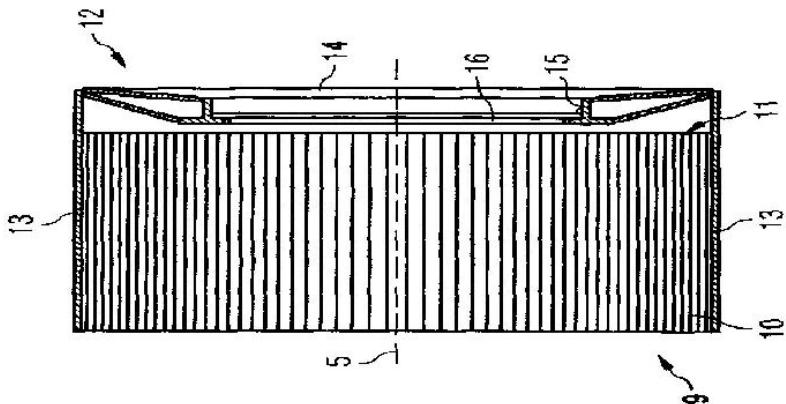


FIG-2

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.2650/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TIRE PROFILE GENERATING MACHINE AND RELATED METHODS

(51) International classification

:F02D

(31) Priority Document No

:12/894,462

(32) Priority Date

:30/09/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AKRON SPECIAL MACHINERY, INC.

Address of Applicant :2740 CORY AVE., AKRON OHIO
44314, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)DAVID POLING, SR.

2)JAMES R. SHIVELY

3)BRIAN D. MITCHELL

4)MATTHEW C. BLUBAUGH

5)DAVID L. POLING, JR.

6)RICHARD DELMORO

7)DAVID KRAUSE

(57) Abstract :

A grinding assembly contacts a tire supported by a frame relative to the tire. The grinding assembly includes at least one section, and an axial positioning assembly supporting the at least one section. The axial positioning assembly enables the at least one section to be axially repositioned relative to the tire. The at least one section includes a grinding head, where the grinding head includes a grindstone rotatably supported thereon, the grindstone having rounded shoulders at its axial extremities. The grinding assembly further includes a radial positioning assembly supporting the grinding head for radial movement with respect to the tire.

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.2651/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ENGINE CONTROL DEVICE

(51) International classification	:F02D
(31) Priority Document No	:2010-222842
(32) Priority Date	:30/09/2010
(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

(71)Name of Applicant :

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(72)Name of Inventor :

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2)MASAHIKO TAKENAKA

3)KATSUMI YAMAMOTO

4)KOJI INOSE

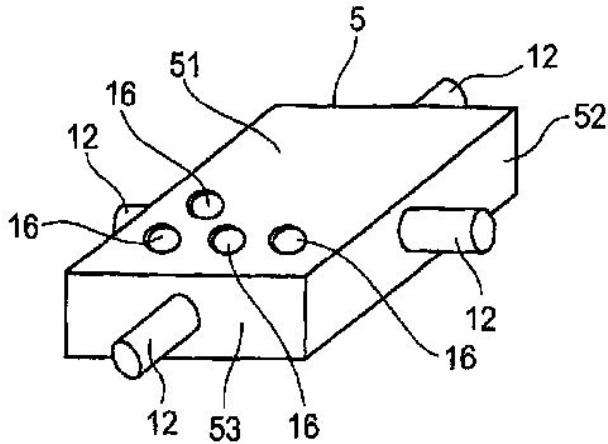
5)DAISUKE SUGIO

6)KENICHI TAKEDA

(57) Abstract :

To provide an ECU which exhibits favorable waterproof property and favorable vibration proof property. [Means for Resolution] An ECU 30 is constituted of a printed circuit board 5 and a case 18. The printed circuit board 5 is supported in a floating state where the printed circuit board 5 is not in contact with the case 18. A support member is formed of an elastic member 12 such as rubber or a coil spring. The elastic member 12 is formed on a side surface of the printed circuit board 5 in an outwardly-projecting manner, and is supported on an inner wall surface of the case 18. A harness through hole 32 is formed in the case 18, and a seal 33 is provided between the harness through hole 32 and a harness 29 which is wired through the harness through hole 32. An electrode 16 for external connection to which the harness 29 is connected is mounted on the printed circuit board 5, and a resin mold is applied to portions of a surface of the printed circuit board except for a portion where the electrode 16 is mounted and a portion where the elastic member 12 is formed. [Selected drawing] Fig. 1

[Fig. 1]



No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/09/2011

(21) Application No.2672/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING WIND TURBINE BLADES

(51) International classification

:B23B

(31) Priority Document No

:12/894453

(32) Priority Date

:30/09/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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1)LOGANATHAN JAIKUMAR

2)DEY SUBHRAJIT

3)KOEGLER KLAUS ULRICH

4)SANTHANAKRISHNAN, MANISEKARAN

(57) Abstract :

A wind turbine system 100 is presented. The wind turbine 100 includes a blade 104, 106 comprising an airfoil 300 and a sensing device 110, 112, 114, 116, 118 disposed on a surface of the airfoil 300, wherein the sensing device 110, 112, 114, 116, 118 generates signals 122 that are representative of pressure deflection 204 on the surface of the airfoil 300. Furthermore, the wind turbine system 100 further includes a processing subsystem 124 that receives location details 126 of the sensing device 110, 112, 114, 116, 118 and a transfer function corresponding to the airfoil 300, determines a location of a stagnation point 212 on the surface of the airfoil 300 based upon the signals 122 and the location details 126, and determines an angle of attack (AOA) on the surface of the airfoil 300 based upon the location of the stagnation point 212 and the transfer function 130.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/09/2011

(21) Application No.2680/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SAFETY NET, PREFERABLY FOR SECURING AN EMBANKMENT

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:01667/10	1)GEOBRUGG AG
(32) Priority Date	:12/10/2010	Address of Applicant :AACHSTRASSE 11, CH-8590
(33) Name of priority country	:Switzerland	ROMANSHORN, SWITZERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STEPHAN WARTMANN
(87) International Publication 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 safety net, in particular for protection against falling rocks or for securing an embankment, with a diagonal netting (20) is formed by a three-dimensional mattress-type structure. It is woven here from individual wire strands, wire bundles, wire ropes (11, 12, 13, 14) or similar woven in coil shapes, which comprise two or more wires (22) or wire strands made of steel. It is very advantageous if the wire strands, wire ropes or wire bundles or similar are produced at least partially from a high-strength steel, and the safety nets can in this way be constructed with very high strength. (Fig. 1)

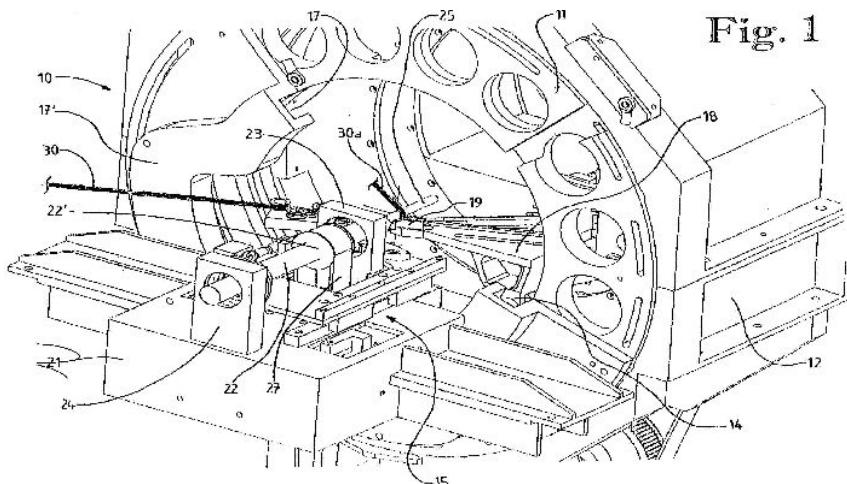


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/09/2011

(21) Application No.2682/DEL/2011 A

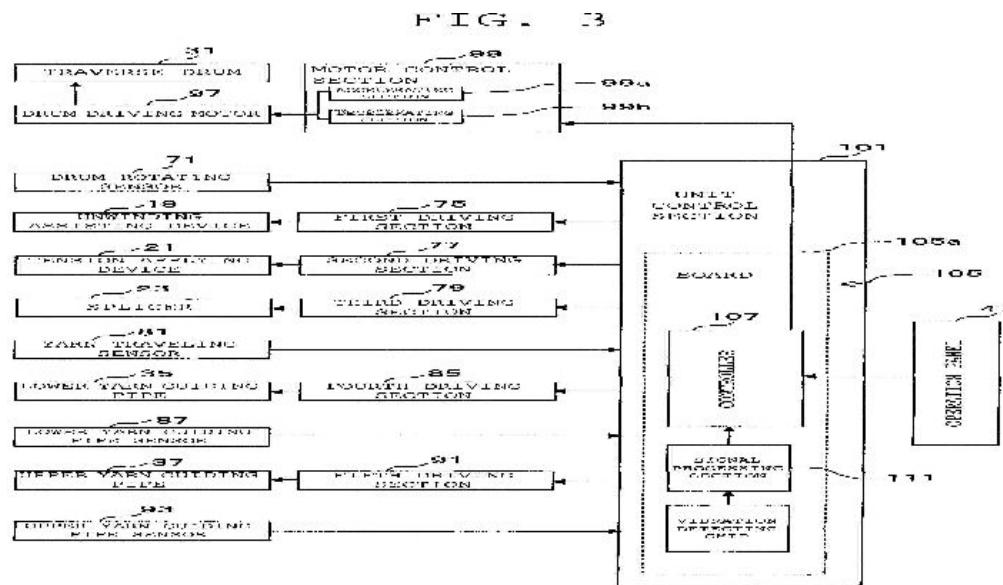
(43) Publication Date : 04/01/2013

(54) Title of the invention : CIRCUIT BOARD FOR YARN WINDING DEVICE AND YARN WINDING DEVICE

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:2010-223815	1)MURATA MACHINERY LTD.
(32) Priority Date	:01/10/2010	Address of Applicant :3 MINAMI OCHIAI-CHO, KISSSHON, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326, JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)MASAI TETSUJI
(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 :

[Problems to be Solved] To accurately detect an abnormal vibration of a winding section in the yarn winding device. [Means for Solving the Problems] A circuit board 105 for a yarn winding unit 1 includes a circuit board body 105a and a vibration detecting chip 109 provided on the circuit board body 105a. [Selected Drawing] FIG. 3



No. of Pages : 40 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2700/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ATTENUATING THE NOISE OF AIRFOILS

(51) International classification

:B24D

(31) Priority Document No

:12/893,728

(32) Priority Date

:29/09/2010

(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

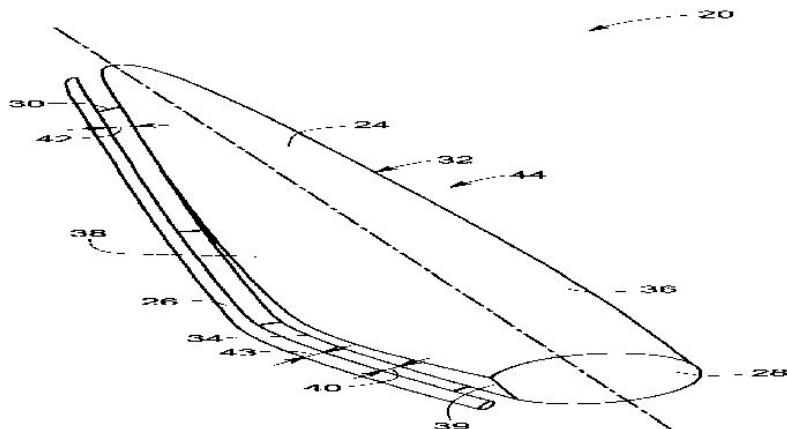
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Filing Date

:NA

(57) Abstract :

A system and method for reducing the noise of an airfoil is provided. The airfoil includes a main portion including a leading edge and a trailing edge. The airfoil further comprises a noise attenuator coupled to the main portion and disposed proximate to at least a portion of the trailing edge. The noise attenuator has a chord length in the range of about 0.5 to about 5 times a trailing edge thickness and is fixed relative to the trailing edge. The airfoil can be a rotating blade deployed on a wind turbine. The airfoil can also be deployed on an aircraft as a fixed wing. (Fig: 4)



No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2710/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM AND METHOD OF SUBSTITUTE NATURAL GAS PRODUCTION

(51) International classification	:B23D
(31) Priority Document No	:12/907932
(32) Priority Date	:19/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)THACKER, PRADEEP STANLEY

(57) Abstract :

A system includes a radiant syngas cooler (RSC). The RSC includes cooling tubing configured to transmit a fluid. The RSC is configured to have a heat transfer area such that the RSC generates a pressure and a temperature of the fluid exiting the RSC to a level allowing for superheating of the fluid to between approximately 750° Fahrenheit and approximately 850° Fahrenheit. Additionally, the heat transfer area is determined based on an amount of heat to be transferred to the fluid as the fluid passes through a heat exchanger in a first path external to the RSC.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2711/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND PRODUCTION PLANT FOR PRODUCING STERILE WATER

(51) International classification	:B23D	(71)Name of Applicant :
(31) Priority Document No	:10 2010	1)KRONES AG
(32) Priority Date	041 827.7	Address of Applicant :BOHMERWALDSTRASSE 5, 93073
(33) Name of priority country	:30/09/2010	NEUTRAUBLING, GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)ZACHARIAS, DR. JORG
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a method of producing sterile water from raw water during a production cycle in a production plant P, a disinfectant D is added to the produced sterile water during the production cycle to permanently monitor the condition of the sterile water and/or the production plant, and a reduction of concentration of the disinfectant is determined and evaluated directly in the production stream 15. In a production plant P suited for carrying out the method, a sterile sensor 7 is provided directly in the production stream 15 by means of which the reduction of concentration of the disinfectant D added to the produced sterile water can be permanently measured and evaluated to provide a sterility evidence. (Fig. 1)

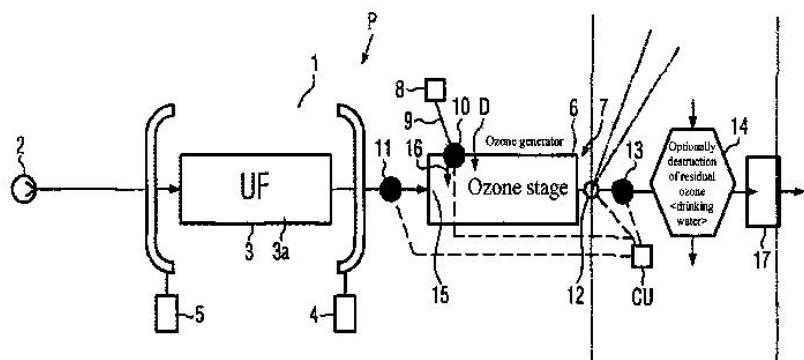


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2712/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : Method for manufacturing a wind turbine rotor blade

(51) International classification	:B64D	(71) Name of Applicant :
(31) Priority Document No	:EP10187414	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:13/10/2010	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:EPO	MNCHEN GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SCHIBSBYE; KARSTEN
(87) International Publication 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 forming a pro-file for a hollow component made of composite fibre in par-ticular a hollow blade for a wind turbine. A first composite fibre layer (101) is laid out on a first mould surface of a first mould element (110) wherein the first mould surface corresponds to a first profile section of the hollow compo-nent to be manufactured. A second composite fibre layer (102) is laid out in a second mould surface of a second mould ele-ment (120) wherein the second mould surface corresponds to a second profile section of the hollow component to be manufac-tured. A bag (201) is laid out in a collapsed state onto the first composite fibre layer (101). The bag (201) and the first composite fibre layer (101) are fixed to the first (Contd.)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2707/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRIC POWER TRANSMISSION SYSTEM FOR WIND TURBINE AND WIND TURBINE FARM AND METHOD FOR OPERATING SAME

(51) International classification	:H01J
(31) Priority Document No	:12/911328
(32) Priority Date	:25/10/2010
(33) Name of priority country	:U.S.A.
(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

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)LARSEN, EINAR VAUGHN

(57) Abstract :

An electric power transmission system (200) for an electric power generator (120) includes a high voltage direct current (HVDC) conductor (108). The system also includes a power conversion assembly (205) coupled to said HVDC conductor, said power conversion assembly configured to modulate direct current (DC) power to generate a DC component and an alternating current (AC) component. The system further includes an electrical device (210) coupled to said power conversion assembly, said electrical device configured to separate the DC component from the AC component.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2708/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : LOW-INDUCTANCE, HIGH EFFICIENCY INDUCTION MACHINE AND METHOD OF MAKING SAME

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:12/949882	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:19/11/2010	Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)EL-REFAIE, AYMAN MOHAMED FAWZI 2)KING, ROBERT DEAN
(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 :

An electric drive system includes an induction machine (60) and a power converter (58) electrically coupled to the induction machine (60) to drive the induction machine (60). The power converter (58) comprising a plurality of silicon carbide (SiC) switching devices (72-82). The electric drive system further includes a controller (114) that is electrically coupled to the power converter (58) and that is programmed to transmit switching signals to the plurality of SiC switching devices (72-82) at a given switching frequency such that a peak-to-peak current ripple is less than approximately five percent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2709/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : REPLICATION AND FORMATTING METHOD AND SYSTEM FOR BIT-WISE HOLOGRAPHIC STORAGE

(51) International classification

:B23D

(31) Priority Document No

:12/907824

(32) Priority Date

:19/10/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)OSTROVERKHOV, VICTOR PETROVICH

2)BONANNI, PIERINO GIANNI

3)SHI, XIAOLEI

4)REN, ZHIYUAN

5)XIA,HUA

6)WANG, XUEFENG

7)WANG, XINGHUA

(57) Abstract :

The present techniques provide methods and systems for recording micro-holograms (68) on a holographic disk (10) using a plurality of counter-propagating light beams (30, 34) in parallel. The parallel counter-propagating light beams (30, 34) overlap to form interference patterns on a data layer and over multiple data tracks (12) in the holographic disk (10). Rotating the disk (10) enables the parallel recording of micro-holograms (68) over multiple data tracks (12), thus reducing recording time. Further, the illumination pattern may include illuminated spots and non-illuminated regions, such that each illumination spot may cover a relatively small fraction of the data layer plane, possibly controlling the depth spread of the recorded micro-hologram (12). In some embodiments, data in the parallel signal beams (60) may be retrieved from a master holographic disk (46) or may be modulated (24) into the parallel signal beams (60).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.2720/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : LIQUID CHROMATOGRAPHY SYSTEM AND METHOD FOR PROTEIN SEPARATION AND PURIFICATION

(51) International classification	:A01J
(31) Priority Document No	:61/403,741
(32) Priority Date	:20/09/2010
(33) Name of priority country	:U.S.A.
(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

(71)**Name of Applicant :**

1)ASAHI KASEI BIOPROCESS, INC.

Address of Applicant :1855 ELMDALE AVENUE,
GLENVIEW, IL 60026 UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)MICHAEL LI

2)HIROYUKI YABE

3)TOMOYUKI MIYABAYASHI

(57) Abstract :

A system and method for protein separation and purification includes a mixing loop, a primary pump having an inlet in communication with a supply of an acid or an alkali and an outlet in communication with the mixing loop. A concentrate pump has an inlet in communication with a supply of an acid or an alkali and an outlet in communication with the mixing loop. A liquid chromatography column is in communication with the mixing loop and is packed with an ion exchange resin and loaded with a protein solution containing a first protein having a first isoelectric point and a second protein having a second isoelectric point. A process control feedback loop in communication with the mixing loop includes an inline process pH analyzer so that a pH of a titration solution in the mixing loop may be detected and adjusted based on the detected pH. The titration solution is provided in the mixing loop by the primary and concentrate pumps and the pH of the titration solution in the mixing loop is adjusted by the feedback loop based on the pH detected by the inline process pH analyzer to provide a generally linear pH gradient to the chromatography column so that the first and second proteins are separately eluted from the liquid chromatography column.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/09/2011

(21) Application No.2690/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PROCESS FOR TREATMENT OF POROUS SUBSTRATES

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:12/883,323	1)BHA GROUP, INC.
(32) Priority Date	:16/09/2010	Address of Applicant :8800 EAST 63RD STREET, KANSAS CITY, MISSOURI 64133 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)HATFIELD MARTIN GREGORY
Filing Date	:NA	
(87) International Publication 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 and an associated assembly for supporting a porous media during a treatment which exposes the media to a fluid that modifies at least one property of the media. The assembly includes a supporting core. The media is wrapped in a plurality of layers about the core to form a first roll of the media. The assembly includes first securement mechanisms exerting diametrical pressure on the ends of the first roll to prevent fluid flow axially out of the ends of the first roll. An additional amount of the media is being wrapped in a plurality of layers about the first roll to form a second roll of the media. The assembly includes second securement mechanisms exerting diametrical pressure on the ends of the second roll to prevent fluid flow axially out of the ends of the second roll. The assembly may be part of equipment.

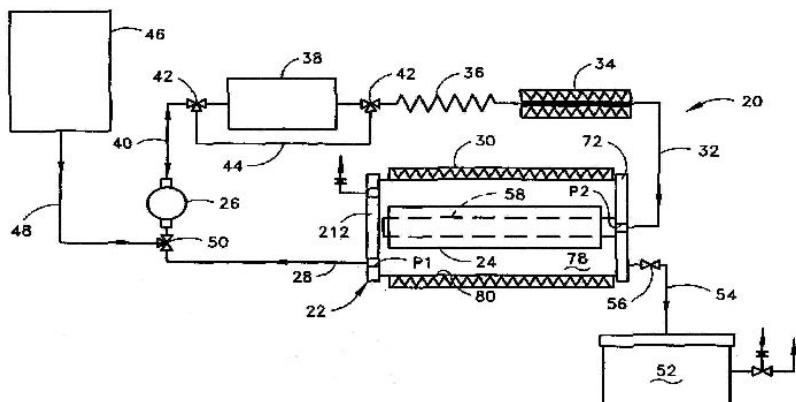


Fig.1

No. of Pages : 18 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/09/2011

(21) Application No.2692/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYRINGE ASSEMBLY CARRIER

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:12/894,487	1)TYCO HEALTHCARE GROUP LP
(32) Priority Date	:30/09/2010	Address of Applicant :15 Hampshire Street Mansfield MA
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)FINKE Melvin
(87) International Publication 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 syringe assembly carrier includes a syringe-well holding fixture a plurality of openings defined in the syringe-well holding fixture and a plurality of syringe wells. Each of the syringe wells is configured to removeably receive a syringe assembly. The syringe-well holding fixture includes an upper surface and a plurality of mounting flanges coupled to the upper surface. Each of the plurality of mounting flanges is individually associated with a different opening in the syringe-well holding fixture and configured to receive a syringe well.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2705/DEL/2011 A

(43) Publication Date : 04/01/2013

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

(51) International classification

:C07C

(31) Priority Document No

:12/903908

(32) Priority Date

:13/10/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)LEWIS, LARRY NEIL

2)COLBORN, ROBERT EDGAR

3)MHADESHWAR, ASHISH BALKRISHNA

4)HANCU, DAN

(57) Abstract :

A catalyst composition includes a catalytic metal secured to a porous substrate. The substrate has pores that are templated. The catalyst composition is prepared by a process that includes the steps of mixing (98) a catalytic metal salt, a templating agent, and water to form a mixture, adding (100) a substrate precursor to the mixture to form a slurry, and calcining (110) the slurry to form a substrate having a porous template that is capable of supporting the catalyst composition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2706/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ONSHORE WIND TURBINE WITH TOWER SUPPORT SYSTEM

(51) International classification	:B23B
(31) Priority Document No	:12/911090
(32) Priority Date	:25/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)GEVERS, WILLIAM FRANCIS

(57) Abstract :

A wind turbine (10) includes a nacelle (14) with any manner of associated power generation equipment. The nacelle (14) is mounted atop a tower (12) having a base end (20) configured for support on a ground level foundation (22). A tower support system (24) provides support to the tower and includes an axially extending circumferential sleeve (26) mounted around the tower at a location between the base end and the nacelle. A plurality of support legs (28) are disposed around the sleeve, with each support leg having a first end (30) rigidly affixed to the sleeve and an opposite foot end (32) configured for mounting to a ground level footing (34). The support legs extend from the sleeve with a length and at an acute extension angle (36) relative to a longitudinal axis (42) of the tower so as to provide a designed degree of vertical and lateral support around the circumference of the tower.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.2719/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : EXHAUST SYSTEM FOR BATTERY IN VEHICLE

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:2010-210967	1)SUZUKI MOTOR CORPORATION
(32) Priority Date	:21/09/2010	Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN 432-8611 JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)MIYAZAKI SHOGO 2)KAWASHIMA HIROYUKI 3)MORIKAWA TOMOAKI
(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 vehicle generally includes a motor that drives wheels of the vehicle, a high voltage battery that supplies electric power to the motor, and an exhaust system that exhausts a gas generated by the high voltage battery from the vehicle. The exhaust system for a battery includes an exhaust fan that exhausts the gas generated by the high voltage battery, a control unit that controls operation of the exhaust fan, and a collision detection unit that detects a collision of the vehicle. The control unit has a structure that operates the exhaust fan when the collision detection unit detects a collision of a vehicle.

No. of Pages : 34 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2011

(21) Application No.2649/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SADDLE AIR FLOW SYSTEM

(51) International classification	:F02D	(71) Name of Applicant : 1)RONALD EFRAIN ZABALA- GOETSCHEL Address of Applicant :AV. REPUBLICA 539, QUITO, ECUADOR
(31) Priority Document No	:13/016,058	
(32) Priority Date	:28/01/2011	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) Name of Inventor : 1)RONALD EFRAIN ZABALA- GOETSCHEL
Filing Date	:NA	
(87) International Publication 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 equestrian saddle that facilitates air flow includes a seat having at least one seat channel that extends through the seat, at least one air channel disposed in one or more panels, or one or more flap apertures. When used in combination, the seat channel, air channels, and flap apertures form a saddle air flow system. This system provides for air flow within and under the saddle, particularly during inhalation and exhalation of a horse, certain atmospheric conditions, and movement of a horse. The system thus provides for ventilation and cooling of rider and horse.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/01/2012

(21) Application No.27/DEL/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A SINGLE PHASE AC-MOTOR

(51) International classification	:F21K	(71) Name of Applicant :
(31) Priority Document No	:PA 2011 00004	1)SECOP GMBH Address of Applicant :MADS-CLAUSEN-STRASSE 7, D-24939 FLENSBURG, GERMANY
(32) Priority Date	:04/01/2011	(72) Name of Inventor :
(33) Name of priority country	:Denmark	1)WEIHRAUCH, NIELS CHRISTIAN 2)BRODERSEN, HENNING
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication 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 single phase AC-motor comprising a stator with teeth forming slots for a main winding and slots for an auxiliary winding, the windings creating a main and an auxiliary magnetic field. The motor comprises a group of the teeth which are located at the auxiliary magnetic axis and which have a larger magnetic conductivity than the other teeth.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2714/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROLLING AN ELECTRIC DEVICE OF A WIND TURBINE

(51) International classification	:B23D	(71) Name of Applicant :
(31) Priority Document No	:EP10192749	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:26/11/2010	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:EPO	MNCHEN GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Bager; Troels
(87) International Publication No	: NA	2)Nielsen; Kaj Skov
(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 controlling an electric device of a wind turbine It is described a method for controlling an electric device (117 121 123 125 127 129) of a wind turbine (100) the method comprising: receiving a state signal (f) of a utility grid (115) electrically connected to the electric device; and controlling an operation of the electric device based on the state signal. Further a system for controlling an electric device of a wind turbine and a wind turbine is provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.2717/DEL/2011 A

(43) Publication Date : 04/01/2013

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

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:P2010-214656	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:27/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)TOMOTAKA OGURA 2)KATSUMI IKUTA
(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 :

An image pickup apparatus includes an image capturing unit, a projection unit, a reproduction processing unit configured to perform processing for reproducing image data, and a control unit configured to switch between operation modes at least including an image capturing mode in which the image capturing unit performs image capturing and a reproduction mode in which the reproduction processing unit performs reproduction processing. When the operation mode is switched to the reproduction mode, the control unit starts activation processing for activating the projection unit.

No. of Pages : 48 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.2726/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : OBSERVATION OPTICAL SYSTEM, VIEWFINDER EQUIPPED WITH OBSERVATION OPTICAL SYSTEM AND METHOD FOR MANUFACTURING OBSERVATION OPTICAL SYSTEM

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:2010-210763	1)NIKON CORPORATION Address of Applicant :12-1, YURAKUCHO 1-CHOME CHIYODA-KU TOKYO 100-8331 JAPAN
(32) Priority Date	:21/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)MATSUO, TAKU
(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 :

An observation optical system for observing an object includes, in order from the object side: a first lens having positive refractive power; a second lens having negative refractive power and a concave surface facing the object side; and a third lens having positive refractive power and a convex surface facing an eyepoint side. An aspherical surface is included on at least one lens surface, and given conditional expressions are satisfied, thereby providing a compact observation optical system having excellent optical performance, a viewfinder equipped with the observation optical system, and a method for manufacturing the observation optical system.

No. of Pages : 65 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2011

(21) Application No.2736/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRICAL CONTACT ASSEMBLIES AND CONNECTORS INCLUDING RETENTION CLIPS

(51) International classification

:H01L

(31) Priority Document No

:12/891,118

(32) Priority Date

:27/09/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Abstract :

An electrical connector (100) that includes a plug insert (118) having a dielectric body (119) and having a pair of contact channels. The contact channels have central axes that extend parallel to each other in a common direction. The contact channels are defined by respective channel walls and are separated by an inter-channel portion of the dielectric body (119). The channel walls have wall perimeters that extend around the corresponding central axes. The electrical connector (100) also has a contact sub-assembly that includes mating contacts (120) that are received in the contact channels and retention clips that are positioned within the contact channels between the mating contacts (120) and the channel walls. Each of the retention clips has a concave body with an open side. The concave body extends partially about the wall perimeter with the open side positioned along a portion of the wall perimeter. The retention clips are oriented to face one another.

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

(71)Name of Applicant :

1)TYCO ELECTRONICS CORPORATION

Address of Applicant :1050 WESTLAKES DRIVE,
BERWYN, PENNSYLVANIA 19312, UNITED STATES OF
AMERICA

(72)Name of Inventor :

1)OH, LAWRENCE SE-JUN

2)SMITH, GRAHAM HARRY JR.

3)LUCENTE, RICHARD VINCENT

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2011

(21) Application No.2732/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : IMPROVED METHOD OF STRIPPING HOT MELT ETCH RESISTS FROM SEMICONDUCTORS

(51) International classification	:H01J	(71) Name of Applicant :
(31) Priority Document No	:61/385,071	1)ROHM AND HAAS ELECTRONIC MATERIALS LLC
(32) Priority Date	:21/09/2010	Address of Applicant :455 FOREST STREET, MARLBOROUGH, MASSACHUSETTS 01752, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)HUA DONG
Filing Date	:NA	2)ROBERT K. BARR
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Hot melt etch resist is selectively applied to an anti-reflective coating or a selective emitter on a semiconductor wafer. The exposed portions of the anti-reflective coating or selective emitter are etched away using an inorganic acid containing etch to expose the semiconductor surface. The hot melt etch resist is then stripped from the semiconductor with an alkaline stripper which does not compromise the electrical integrity of the semiconductor. The exposed semiconductor is then metalized to form current tracks.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2754/DEL/2011 A

(43) Publication Date : 04/01/2013

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

(51) International classification	:H01L	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	219865	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:29/09/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)YUSUKE SAKAI
Filing Date	:NA	2)MASAO KONDO
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for selective content sharing with a communication target apparatus are provided. In various aspects, communication with a communication target apparatus may be established, and content indicated by content data may be reproduced, where the reproduced content may represent audio or audio and image content. A determination may be made whether or not to share the reproduced content indicated by the content data with the communication target apparatus and a process to share or not share the reproduced content indicated by the content data with the communication target apparatus may be selectively performed. When the reproduced content is determined not to be shared with the communication target apparatus, a generated speech audio signal may be shared with the communication target apparatus while the reproduced content indicated by the content data may not be shared with the communication target apparatus.

No. of Pages : 81 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2755/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BRAKE ASSEMBLY

(51) International classification

:H01L

(31) Priority Document No

:1016013.3

(32) Priority Date

:24/09/2010

(33) Name of priority country

:U.K.

(86) International Application No

:NA

Filing Date

:NA

(87) 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)MERITOR HEAVY VEHICLE BRAKING SYSTEMS
(UK) LIMITED**

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(72)Name of Inventor :

**1)JASON MORRIS
2)PAUL ROBERTS
3)NORMAN BREAKWELL
4)PETER K GIBBENS
5)MARTIN P TAYLOR
6)ARVINASH ULLAGADDI
7)DARSHAN PATEEL
8)SANJEEV KULKARNI
9)KISHAN KUMAR UDUPI**

(57) Abstract :

A disc brake assembly including a brake pad having a first pad abutment spaced from a second pad abutment and a third pad abutment positioned between the first pad abutment and the second pad abutment, an actuator operable to apply a force to the brake pad to apply the brake, the disc brake assembly having a first reaction abutment facing the first pad abutment, a second reaction abutment facing the second pad abutment and a third reaction abutment facing the third pad abutment, said first, second and third pad abutments being operable to transfer brake pad drag torque to the first, second and third reaction abutments respectively, the disc brake being configured such that under no load conditions with third pad abutment engaging the third reaction abutment, the first pad abutment is spaced from the first reaction abutment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2756/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ANTIFRICTION BEARING PROTECTION DEVICE

(51) International classification	:B29D	(71) Name of Applicant :
(31) Priority Document No	:1057988	1)ALSTOM TRANSPORT SA
(32) Priority Date	:01/10/2010	Address of Applicant :3, AVENUE ANDRE MALRAUX, 92309 LEVALLOIS - PERRET, FRANCE
(33) Name of priority country	:France	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CLAUDE LAITEM
(87) International Publication No	:NA	2)GERARD TRIPOT
(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 protection device providing thermal protection and protection against leakage electric currents, for a antifriction bearing (P) intended to be mounted on a shaft (A) of an electric motor. Said protection device comprises a ring (B) which is interposed between the shaft and the antifriction bearing and which is insulated from the shaft.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2757/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BIPHENYL BENZYL ETHER MARKER COMPOUNDS FOR LIQUID HYDROCARBONS AND OTHER FUELS AND OILS

(51) International classification	:C07D	(71) Name of Applicant :
(31) Priority Document No	:61/393,018	1)ANGUS CHEMICAL COMPANY
(32) Priority Date	:14/10/2010	Address of Applicant :1500 E. LAKE COOK ROAD, BUFFALO GROVE, ILLINOIS 60089, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)GEORGE DAVID GREEN
Filing Date	:NA	2)RAYMOND JOHN SWEDO
(87) International Publication 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 compound having formula (I) wherein G represents at least one substituent selected from the group consisting of C1-C12 alkyl and C1-C12 alkoxy.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.2722/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR SHARING RIGHTS OBJECTS BETWEEN USERS□

(51) International classification	:H01J
(31) Priority Document No	:10-2003-0057901
(32) Priority Date	:21/08/2003
(33) Name of priority co□ntry	□Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1519/DEL/2004
Filed on	:16/08/2004

(71)**Name of Applicant :**

1)SAMSUNG ELECTRONICS CO. LTD.

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Suwon-si Gyeonggi-do 442-742 Republic of Korea

(72)**Name of Inventor :**

1)Kyung-ah CHANG

2)Byung-rae LEE

(57) Abstract :

Provided is a method for delivering all or parts of a rights object (RO) of a user associated with the content to other users. The method includes creating a rights object to be transmitted to a second user within a limit of the rights object held by the first user and forwarding the created rights object to the second user. The method allows each user to share its own RO with other users within the limit of the RO without server authentication.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/09/2011

(21) Application No.2723/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SECTIONAL MAGNETIC ENCODING OF A SHAFT AND FOR MEASURING ROTATIONAL ANGLE, ROTATIONAL SPEED AND TORQUE

(51) International classification	:H01J
(31) Priority Document No	:12/914322
(32) Priority Date	:28/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)**Name of Inventor :**

1)BALLER, MARKO

2)SIHLER, CHRISTOF

(57) Abstract :

Magnetically encoded shafts for use in detecting forces exerted on the shaft (271) during operation, magnetically encoded regions (272) arranged in tracks (272) or bands, encircle the shaft (271) and are formed within or affixed to the shaft (271). The magnetically encoded regions (272) define force-sensitive regions (272) therebetween. Magnetic fields surround the force-sensitive regions (272) and are altered by force vectors passing through the force sensitive region (509). These magnetic fields are sensed by magnetic field sensors (352) to determine various shaft (271) parameters including, for example: shaft (271) rotational speed, shaft (271) rotational position, and forces exerted on the shaft (271), e.g., torque, bending forces, stress forces and strain forces. To provide continuous detection of shaft (271) operational parameters and forces, dead zones between magnetically encoded regions (272) are aligned with force sensitive regions (509) associated with magnetically encoded regions (272) in other bands.

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.2776/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : 3D IMAGE DISPLAY DEVICE

(51) International classification	:G01K	(71) Name of Applicant :
(31) Priority Document No	:P2010-223813	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:01/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)HIDEMASA YAMAGUCHI 2)SHIGEKI MIYAZAKI
(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 :

A 3D image display device includes: a display unit displaying left-eye and right-eye images alternately in a time-sharing manner; a display-side polarizing plate arranged on the side of a display surface of the display unit; and shutter glasses having left-eye and right-eye shutters, opening and closing the left-eye and right-eye shutters in accordance with display states of images on the display unit. Each of the left-eye and right-eye shutters includes a liquid crystal cell, a retardation plate arranged at the liquid crystal cell on the side of the display unit, and a first glasses-side polarizing plate arranged at the liquid crystal cell on the side opposite to the retardation plate. Polarization axes of the display-side polarizing plate and the first glasses-side polarizing plate are orthogonal to each other and the polarization axis of the display-side polarizing plate and a retardation axis of the retardation plate are parallel or orthogonal to each other.

No. of Pages : 52 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.2777/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND COMPUTER-READABLE STORAGE MEDIUM

(51) International classification	:G01K	(71) Name of Applicant :
(31) Priority Document No	:P2010-224347	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:01/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)YUICHIRO TAKEUCHI
(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 :

A method is provided for displaying physical objects. The method comprises capturing an input image of physical objects, and matching a three-dimensional model to the physical objects. The method further comprises producing a modified partial image by at least one of modifying a portion of the matched three-dimensional model, or modifying a partial image extracted from the input image using the matched three-dimensional model. The method also comprises displaying an output image including the modified partial image superimposed over the input image.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2011

(21) Application No.2713/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MAGNET FOR A GENERATOR

(51) International classification	:B23D	(71) Name of Applicant :
(31) Priority Document No	:EP10192739	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:26/11/2010	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:EPO	MNCHEN GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Kimiabeigi; Mohammad
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Magnet for a generator A magnet (10) for a generator (1) comprises a base magnet (11) with a main surface (12) having a length (L) and a width (wPM) and a skewed magnet module (13 15 17) arranged at the main surface (12).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2011

(21) Application No.2745/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM AND METHOD OF DISTRIBUTING AIR WITHIN A WIND TURBINE

(51) International classification

:B23B

(31) Priority Document No

:12/899324

(32) Priority Date

:06/10/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, U.S.A.

(72)Name of Inventor :

1)NANUKUTTAN, BIJU

2)BOSE, SUMIT

3)NEOGI, GANESH

4)ASARIKANDY, SHALU

5)WANG, JING

(57) Abstract :

An air distribution system (30) for use with a wind turbine (10), the wind turbine including a nacelle (16) coupled to a tower (12) and a rotor (22) rotatably coupled to the nacelle with a rotor shaft (24), and the rotor including at least one rotor blade (28) coupled to a hub (26) is provided. The air distribution system includes a conduit (93) defined within the rotor shaft, the conduit providing flow communication between the nacelle and the rotor, and an air-flow control assembly (40) coupled in flow communication with the conduit, the air-flow control assembly configured to selectively channel air from the nacelle to the rotor and from the nacelle to ambient air (56).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.2780/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : QUARTZ GLASS BURNER

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:2010-213648	1)SHIN-ETSU CHEMICAL CO., LTD.
(32) Priority Date	:24/09/2010	Address of Applicant :6-1, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO100-0004, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)MAKOTO YOSHIDA
(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 provides a quartz glass burner that can enhance the heating power of flame working without unnecessarily increasing the flow of combustion gas and improve the deposition efficiency on depositing glass particles onto a porous glass preform. The quartz glass burner has a large diameter outer tube, and a plurality of small diameter inner tubes enclosed in the outer tube, and a tip of the outer tube has a port defining member defining the outer shape of a combustion gas ejecting port that ejects combustion gas, and the port defining member protrudes from the inner circumference of the outer tube towards the center axis so as to block the outermost area including areas between the outer circumferences of a plurality of inner tubes forming the inner tube row and the inner circumference of the outer tube of the combustion gas flow path.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.2781/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : RECORDING DEVICE, IMAGING AND RECORDING DEVICE, RECORDING METHOD, AND PROGRAM

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:P2010-224216	1)SONY CORPORATION Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
(32) Priority Date	:01/10/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)MASASHI KISHIKAWA 2)MASAYUKI TAMURA 3)TSUTOMU SHIMOSATO 4)HISAO TANAKA
(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	

(57) Abstract :

A recording device includes: an input portion to which data to be recorded is input; and a recording control portion which transfers the data input to the input portion to a recording medium to record the data in the recording medium by using a certain file system, and specifies a partial region or some files in the data recorded in the recording medium to set the partial region or the files as recording information of an additional information region prepared in the file system,

No. of Pages : 68 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.8002/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DEVICE FOR PRODUCING A FIBRE MAT BY WEAVING

(51) International classification	:D03D 39/24
(31) Priority Document No	:1036870
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2010/050194
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/120174
(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)HENDRIKUS BERNARDUS FRENKEN

2)JAN HENDRIK NIJENHUIS

3)JOHANNES HILBINK

(57) Abstract :

The invention relates to a device for producing a fibre mat by weaving, which fibre mat is built up of a substrate on which fibres are provided and which device is provided at least with means for forming a shed of warp yarns forming the substrate of the fibre mat, a lay as well as means disposed on one or both sides of the shed for inserting one or more weft yarns into the shed. The invention further relates to a fibre mat obtained by means of a device according to the invention.

No. of Pages : 21 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.8003/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : QUALITY CONTROL BIOASSAYS FOR NUTRICEUTICAL AND MEDICINAL PRODUCTS

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/170,330
(32) Priority Date	:17/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031393
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/121131
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE

Address of Applicant :17 QUINCY STREET, CAMBRIDGE, MA 02138 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)HALPERIN JOSE A.

2)AKTAS HUSEYIN

(57) Abstract :

Bioassays for detecting the ability of one sample of a food substance, nutritional supplement, therapeutic agent and/or disease preventive agent relative to that of a second sample of such a substance, supplement and/or agent to inhibit, upregulate or otherwise modulate translation initiation, and thereby demonstrate a disease curative and/or preventive effect in a human and/or animal that consumes a such substance, supplement and/or agent or to whom a such substance, supplement and/or agent is administered are provided.

No. of Pages : 42 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2771/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CONTROLLER WITH PUNCTUATED SWITCHING CONTROL CIRCUIT

(51) International classification	:H01L
(31) Priority Document No	:12/904,061
(32) Priority Date	:13/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)POWER INTEGRATIONS, INC.

Address of Applicant :5245 HELLYER AVENUE, SAN JOSE, CA 95138 UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)ORR RAYMOND K.

(57) Abstract :

An example controller for use in a power supply includes a zero crossing detection (ZCD) circuit and a punctuated switching control circuit. The ZCD circuit is coupled to generate a ZCD signal in response to a zero-crossing of an ac input voltage of the power supply. The punctuated switching control circuit is coupled to the ZCD circuit to generate a switching signal to control a switch to regulate an output of the power supply. The punctuated switching control circuit generates the switching signal having an interval of switching and an interval of no switching in response to the ZCD signal, where the interval of switching has a beginning that is synchronized with the zero crossing of the ac input voltage and where the interval of no switching has a beginning that is synchronized with another zero crossing of the ac input voltage.

No. of Pages : 43 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2774/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRONIC MODULE FOR VEHICLE

(51) International classification

:G11C

(31) Priority Document No

:1057648

(32) Priority Date

:23/09/2010

(33) Name of priority country

:France

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Valeo Systemes De Controle Moteur

Address of Applicant :14 avenue des Bguines BP 68532
95892 Cergy Pontoise Cedex France.

(72)Name of Inventor :

1)MORENO Jean-Yves

2)GOVINDASSAMY Valery

3)SILVESTRE Bndicte

(57) Abstract :

An electronic module (10) designed to be installed in a vehicle comprises a casing (11) containing at least two circuit boards (12 13) connected together by at least one electrical conductor (141 the conductor having one of its ends bonded to one of the circuit boards and the other of its ends bonded to the other circuit board the ends of the conductor being bonded by a wedge bonding technique the casing also containing a protective resin (17) coating at least one of the bonded ends of the electrical conductor. This resin is a polyurethane resin.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8016/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : GUIDE CONDUIT

(51) International classification	:H02G 11/00
(31) Priority Document No	:20 2009 005 547.7
(32) Priority Date	:16/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/054984
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/119106
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)IGUS GMBH

Address of Applicant :SPICHER STR. LA, 51147 KOLN,
GERMANY

(72)Name of Inventor :

1)THILO-ALEXANDER JAEKER

2)HARALD NEHRING

(57) Abstract :

The invention relates to a guide conduit (1) for a cable receptacle (2) with a support device (10) for the upper strand (6), and is designed so that the support device has an essentially flat running surface on the top side of a body which is movable solely by gravity and/or by the elastic force thereof from one position, in which the support device (10) does not protrude significantly over the inner lateral surface of the guide conduit, to a position in which the body opposite the lateral wall protrudes into the interior of the guide conduit, and to the final position, in which the support device extends through an opening in the respective lateral wall of the guide conduit.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8017/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ANCHORING HARPOON, FOR EXAMPLE FOR AN AIRCRAFT, AND ANCHORING SYSTEM INCLUDING ONE SUCH HARPOON

(51) International classification	:B64F 1/12	(71) Name of Applicant :
(31) Priority Document No	:0952175	1)DCNS
(32) Priority Date	:03/04/2009	Address of Applicant :40-42 RUE DU DOCTEUR FINLAY
(33) Name of priority country	:France	75015 PARIS, FRANCE
(86) International Application No	:PCT/FR2010/050625	(72) Name of Inventor :
Filing Date	:01/04/2010	1)RONAN AFFRE DE SAINT ROME
(87) International Publication No	:WO 2010/112780	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An anchoring harpoon notably of an aircraft, capable of cooperating with an anchoring grate (2) of a platform, including jack means (3) comprising cylinder means (4) in which move piston means (5) provided with a rod (6) extending beyond the cylinder means and the free end of which includes a harpoon head (7) for anchoring the harpoon in the grate (2), provided with retaining fingers (8, 13, 14) for retention therein, which are movable between a retracted position and an active position by control means (9), characterized in that the jack means are connected to a pressurized fluid source (30) through control means (31), and in that this source of pressurized fluid includes a consumable gas cartridge (30).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8019/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : THERAPEUTIC AGENTS 713

(51) International classification	:C07D 491/10
(31) Priority Document No	:61/174,630
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/GB2010/050698
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/125390
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ASTRAZENECA AB

Address of Applicant :SE-151 85 SODERTALJE, SWEDEN

(72)Name of Inventor :

1)LARS ANDERS MIKAEL JOHANSSON

2)ROBERT ANDREW JUDKINS

3)LANNA LI

4)BJORN CHRISTIAN INGVAR LOFBERG

5)JOACHIM PERSSON

(57) Abstract :

Disclosed herein are compounds of formula I in which R1, R2, R3, R4, R5, A, X, Y are as described in the specification, their use in pharmaceutical compositions and in methods of treatment or prophylaxis of a melanin-concentrating hormone related disease or condition.

No. of Pages : 59 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.2778/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUS FOR FABRICATION POROUS GLASS PREFORM

(51) International classification	:G01K	(71) Name of Applicant :
(31) Priority Document No	:2010-213678	1)SHIN-ETSU CHEMICAL CO., LTD. Address of Applicant :6-1, OHTEMACHI 2-CHOME, CHIYODA-KU, TOKYO 100-0004, JAPAN
(32) Priority Date	:24/09/2010	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)MAKOTO YOSHIDA
(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 provides an apparatus for fabricating porous glass preforms, in which any damages of a reaction vessel due to the increase in thermal load to the reaction vessel' can be controlled without enlarging the reaction vessel. A wall of the reaction vessel includes a plurality of rectangular inner wall metal plates that defines at least a part of inner side walls of the reaction vessel, adjacent inner wall metal plates of a plurality of inner wall metal plates of which being weld bonded at their edges, and a plurality of metal frame members having higher stiffness than that of the inner wall metal plates and being arranged along each edge region of the opposite surface of the inner side walls of each of the plurality of inner wall metal plates and fixed to the edge region by a tightening or welding means.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/09/2011

(21) Application No.2779/DEL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR THE PRODUCTION OF TOOLS MADE OF ALLOYED STEEL AND TOOLS IN PARTICULAR FOR THE CHIP-REMOVING MACHINING OF METALS

(51) International classification	:B23B	(71) Name of Applicant :
(31) Priority Document No	:A	1)BOHLER EDELSTAHL GMBH & CO KG
	1732/2010	Address of Applicant :MARIAZELLERSTR. 25, A-8605
(32) Priority Date	:18/10/2010	KAPFENBERG, AUSTRIA
(33) Name of priority country	:Austria	(72) Name of Inventor :
(86) International Application No	:NA	1)GERT KELLEZI
Filing Date	:NA	2)DEVRIM CALISKANOGLU
(87) International Publication No	:NA	3)ANDREAS BARNTHALER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for the production of tools for a chip-removing machining of metallic materials and to a tool. In order to create a tool of the above type with improved wear resistance and/or high toughness, according to the invention it is provided that an alloyed steel with a chemical composition in % by weight of as well as aluminum, nitrogen, iron and impurity elements as remainder, is melted and heated to a temperature of 80°C to 250°C above the liquidus temperature, deoxidized and the melt surface is covered with a metallurgically active oxides-dissolving and nitrides-dissolving slag, after which an addition into the melt as well as a homogeneous distribution in the latter of 0.4 to 1.4% by weight aluminum take place, and aluminum nitrides in the steel are adjusted to a maximum diameter of 38 µm, and the nitrogen content thereof is reduced to below 0.02% by weight, wherein magnesium is introduced into the melt and allowed to react in the melt, an adjustment to a desired casting temperature and a casting of the melt to produce ingots take place, after which a customary machining of the ingot material is carried out to produce objects in a desired tool shape and a thermal hardening and tempering of the tools to a hardness of greater than 66 HRC takes place.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8021/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR RELIABLE COMMUNICATIONS IN UNDERGROUND AND HAZARDOUS AREAS

(51) International classification	:H04L 12/28	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INNOVATIVE WIRELESS TECHNOLOGIES, INC.
(32) Priority Date	:NA	Address of Applicant :1047 VISTA PARK DRIVE, SUITE A,
(33) Name of priority country	:NA	FOREST, VA 24551, UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2009/037753	(72) Name of Inventor :
Filing Date	:20/03/2009	1)PAUL E. SCHMIDT
(87) International Publication No	:WO 2010/107440	2)JAMES EDWARD SILVERSTRIM
(61) Patent of Addition to Application Number	:NA	3)LUKE KOLESZAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automatically self-configuring, scalable, redundant combined wireless and wired emergency communications system providing reliable two-way radio push-to-talk operation for voice and data and real-time monitoring of conditions and multiple types of equipment in an underground hazardous environment having at least two physical entry points and having multi-waveform nodes organized within at least one ad hoc wireless mesh network (WMN) incorporating at least one above-ground wide area network and an underground network comprising: at least one operations center connected to the at least one above-ground wide area network for each WMN to provide remote network management, control and communication capabilities to each WMN; at least one gateway node operationally connected to said at least one operations center; a plurality of underground wireless fixed mesh nodes operationally connected to said at least one gateway node and to each other and functioning within each network on a peer-to-peer basis; at least one mobile mesh radio carried by personnel operationally connected to at least one of said plurality of underground fixed mesh nodes; and at least one underground wireless sensor mesh node operationally connected to at least one of said plurality of underground fixed mesh nodes.

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8022/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CHAIN CLIP AND CHAIN USING THE SAME

(51) International classification	:F16G 15/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/004366
Filing Date	:03/09/2009
(87) International Publication No	:WO 2010/027399
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAIDO KOGYO CO., LTD.

Address of Applicant :I-197 KUMASAKA-CHO, KAGA,
ISHIKAWA PREF., JAPAN

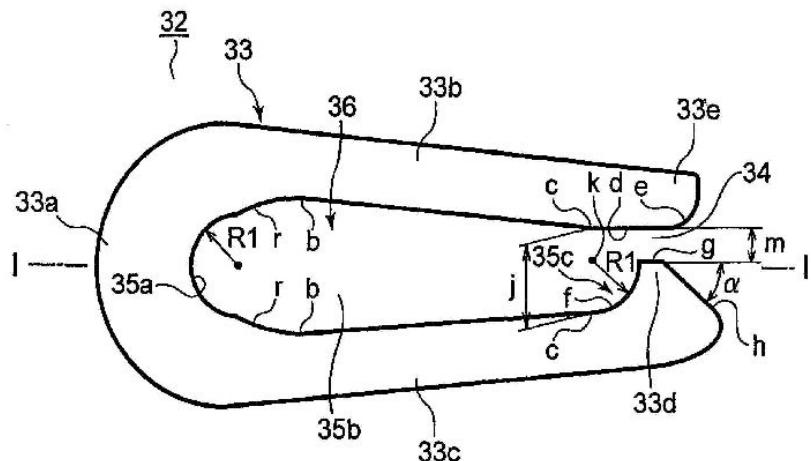
(72)Name of Inventor :

1)AKIYOSHI KOMEYA

2)SUSUMU HIRASAWA

(57) Abstract :

The invention provides a chain clip whose legs are deformed less in attaching to pins, whose clamping allowance of an open-side pin engaging portion is kept, which wraps around the pin groove and which excels in terms of durability. The end portion of the one leg (33b) is formed straightly and the other leg (33c) is formed to have a hooked projection at the end portion thereof. The clip is turned centering on one pin while engaging the one pin with one pin engaging portion and bending the one leg so that it rides over the head of another pin to engage a curved portion f of the other leg 33c with the pin groove of the other pin and to engage a presser of the one leg with the pin groove. Fig. 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8024/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DOUBLE-SIDED CUTTING INSERT FOR DRILLING TOOL

(51) International classification	:B23B 51/02
(31) Priority Document No	:12/431,384
(32) Priority Date	:28/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030358
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/126693
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TDY INDUSTRIES, INC.

Address of Applicant :1000 SIX PPG PLACE,
PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES
OF AMERICA

(72)**Name of Inventor :**

1)JEAN-LUC DUFOUR

2)X. DANIEL FANG

3)DAVID J. WILLS

4)THOMAS B. HARTMAN

(57) Abstract :

A double-sided cutting insert (10) for a drilling tool includes a top side (11), a bottom side (12), and at least one side surface interconnecting the top side (11) and the bottom side (12) and forming at least one cutting edge (13a, 13b, 13c, 13d, 14a, 14b, 14c, 14d). The top side and the bottom side comprise a different external profile and chip groove (17,19) geometry and an identical inscribed circle (33), and each of the top side (11) and the bottom side (12) comprises four indexable cutting edges (13a, 13b, 13c, 13d, 14a, 14b, 14c, 14d).

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8025/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : POLYSACCHARIDE DERIVATIVE AND HYDROGEL THEREOF

(51) International classification	:C08B 37/08
(31) Priority Document No	:2009-101081
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057301
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/119994
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TEIJIN LIMITED

Address of Applicant :6-7, MINAMIHOMMACHI 1-CHOME, CHUO-KU, OSAKA-SHI, OSAKA, 541-0054, JAPAN

(72)Name of Inventor :

1)HIROAKI KANEKO

2)MASAYA ITO

(57) Abstract :

Disclosed are a polysaccharide derivative obtained by substituting some of the carboxyl groups of a carboxy polysaccharide with -NH-X-CO-Y-Z; and a hydrogel thereof . Here, X is a C1-10 hydrocarbon group, Y is a polyalkylene oxide having oxygen atoms at both ends, and Z is a C1-24 hydrocarbon group or -CO-R2, with R2 being a C1-23 hydrocarbon group. The hydrogel has excellent viscoelasticity and can be injected into a predetermined location with an injection device such as a syringe , and thus can be advantageously used as a medical gel or an adhesion barrier.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8027/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AN APPARATUS AND METHOD FOR CONTROLLING THE NEGATIVE PRESSURE IN A WOUND

(51) International classification	:A61M 1/00
(31) Priority Document No	:0950291-5
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050472
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/126444
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MOLNLYCKE HEALTH CARE AB

Address of Applicant :P.O. BOX 13080, S-402 52
GOTEBORG, SWEDEN

(72)Name of Inventor :

1)JOHANNISON, ULF

(57) Abstract :

An apparatus for treating wound with negative pressure. The apparatus including a wound cover (1), a first pump (9) for providing said negative pressure to the wound (5), a canister (6), a first conduit (8) between the wound cover (1), and the canister, means for measuring the pressure within the canister (6), and a second conduit (10) which connects the canister with the first pump. A circulating pump (12) is arranged to transport gas from the canister (6) to the wound region via a third conduit (13) and back to the canister (6) via the first conduit (8) in order to press out a possible liquid column from the first conduit (8) to the canister (6). The invention further relates to a method for controlling the negative pressure in a wound with use of said apparatus.

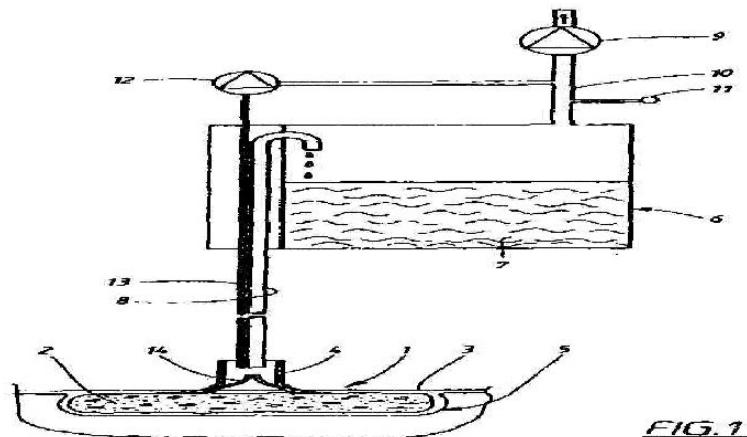


FIG.1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8029/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR OFFSHORE HYDROCARBON ELECTROMAGNETIC PROSPECTING BASED ON TOTAL MAGNETIC FIELD MEASUREMENTS

(51) International classification	:G01V 3/165
(31) Priority Document No	:20091179
(32) Priority Date	:20/03/2009
(33) Name of priority country	:Norway
(86) International Application No	:PCT/NO2010/000102
Filing Date	:17/03/2010
(87) International Publication No	:WO 2010/117279
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ADVANCED HYDROCARBON MAPPING AS

Address of Applicant :SKOGSTOSTRAEN 37 (4.ETG.), N-4029 STAVANGER, NORWAY

(72)**Name of Inventor :**

1)KJERSTAD, JOSTEIN, KARE

2)BARSUKOV, PAVEL

3)FAINBERG, EDUARD, B.

(57) Abstract :

A system for offshore hydrocarbon electromagnetic prospecting is described. The system includes a transmitter generating electromagnetic energy and injecting an electrical current into a flooded vertical cable. Electromagnetic fields generated by this current in the medium are measured by total field magnetometers or gradiometers. The measured response, which is sensitive to the resistivity of targets, is used to search for and identify hydrocarbon reservoirs. A method for offshore hydrocarbon electromagnetic prospecting is described as well.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2758/DEL/2011 A

(43) Publication Date : 04/01/2013

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

(51) International classification	:B29D	(71) Name of Applicant :
(31) Priority Document No	:P2010-	1)SONY CORPORATION
	219866	Address of Applicant :1-7-1 KONAN, MINATO-KU,
(32) Priority Date	:29/09/2010	TOKYO, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)YUSUKE SAKAI
Filing Date	:NA	2)MASAO KONDO
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus may include a control unit to selectively control volume of content sound and volume of speech sound according to a priority assigned to a user corresponding to speech sound and a priority assigned to content data. When volume control is to be performed on a priority basis, the control unit may selectively control the volume of the content sound and the volume of the speech sound based on the assigned priorities so that the volume of the sound having a higher priority becomes louder than the volume of the other sound.

No. of Pages : 71 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.80/DELNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HIGH CLEANING DENTIFRICE COMPOSITIONS

(51) International classification	:A61C 17/00
(31) Priority Document No	:61/230,321
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043007
Filing Date	:23/07/2010
(87) International Publication No	:WO 2011/014415
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COLGATE-PALMOLIVE COMPANY

Address of Applicant :300 PARK AVENUE, NEW YORK,
NEW YORK 10022, UNITED STATES OF AMERICA

(72)Name of Inventor :

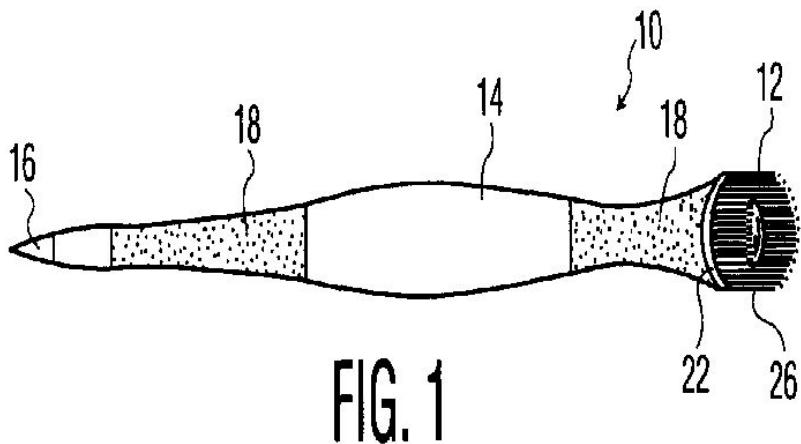
1)BROWN JAMES RICHARD

2)ONTUMI DENNIS KEMBERO

3)ROBINSON RICHARD SCOTT

(57) Abstract :

A dentifrice composition containing minor amounts of relatively small particle size high cleaning abrasives, without oral care actives. The dentifrice may be encapsulated and optionally, positioned on the head of a toothbrush. Use of the dentifrice provides a small amount of high cleaning abrasive to the teeth, and has stain removal efficacy. In one aspect, a dentifrice composition comprising an orally acceptable carrier and 1 to 10 wt% abrasive, such that the total amount of abrasive delivered per application is 2 mg to 8 mg, the abrasive having a weight mean particle size in the range of 3 to 7 μm , with at least 90% of the particles by weight having a size below 16 μm , and wherein the composition does not contain an oral care active.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8034/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ANTI-VIRAL COMPOUNDS

(51) International classification	:C07D 205/02	(71) Name of Applicant : 1)ABBOTT LABORATORIES Address of Applicant :100 ABBOTT PARK ROAD D377/AP6A-1, ABBOTT PARK, IL 60064, UNITED STATES OF AMERICA
(31) Priority Document No	:61/169,449	
(32) Priority Date	:15/04/2009	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2010/031102 :14/04/2010	
(87) International Publication No	:WO 2010/120935	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds effective in inhibiting replication of Hepatitis C virus (HCV) are described . This invention also relates to processes of making such compounds, compositions comprising such compounds, and methods of using such compounds to treat HCV infection.

No. of Pages : 277 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8035/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ARMORING COMBATANTS' COMPARTMENT IN A WHEELED VEHICLE AGAINST EXPLOSIVE CHARGES

(51) International classification	:F41H 7/02	(71) Name of Applicant :
(31) Priority Document No	:198017	1)RAFAEL ADVANCED DEFENSE SYSTEMS LTD.
(32) Priority Date	:05/04/2009	Address of Applicant :P.O. BOX 2250, 31021 HAIFA, ISRAEL
(33) Name of priority country	:Israel	(72) Name of Inventor :
(86) International Application No	:PCT/IL2010/000270	1)BRILL ALON
Filing Date	:28/03/2010	2)HAZAN GIL
(87) International Publication No	:WO 2010/116361	3)LEVY ASHER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wheeled vehicle that comprises a chassis and a combatants' compartment that is formed with an internal space and a bottom area sector that is attachable to the chassis, and means for connecting the bottom area sector to the chassis that serves as a protecting means to protect the combatants' compartment against explosive charges and is characterized by that it comprises a plurality of inner beams that are formed, each one of them, with anchoring means along their lengths and are installed in the combatants compartment's inner space, wherein the anchoring means pass through openings that are formed in the bottom area sector of the combatants' compartment and protrude outwards from it; and a plurality of external beams that are formed, each one of them, with connecting means to connect unto the chassis, and with means for connecting unto the anchoring means of the inner beams; and the external beams are installed on the external side of the combatants compartment's bottom sector and in connection with the anchoring means of the inner beams; and a method for protecting against explosive charges, the combatants' compartment of such wheeled vehicle while utilizing such means for connecting the bottom area sector of the vehicle to its chassis.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8037/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FLEXIBLE THIN PRINTED BATTERY AND DEVICE AND METHOD OF MANUFACTURING SAME

(51) International classification	:H01M 2/16	(71) Name of Applicant : 1) EVEREADY BATTERY COMPANY, INC. Address of Applicant :25225 DETROIT ROAD, P.O. BOX 450777 WESTLAKE, OH 44145 UNITED STATES OF AMERICA
(31) Priority Document No	:60/356,406	
(32) Priority Date	:12/02/2002	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:PCT/US2002/040174 :17/12/2002	1) LANGAN RICHARD A. 2) SCHUBERT MARK A. 3) ZHANG, JING 4) ZHENG GUANGHONG 5) FEDDRIX FRANK H. 6) TUDRON FRANK B. 7) TUCHOLSKI GARY R. 8) HILMI ABDELKADER 9) BAILEY JOHN C. 10) WEBBER ANDREW
(87) International Publication No	:WO 2003/069700	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filed on	:2119/DELNP/2004 :21/07/2004	

(57) Abstract :

A flat, flexible electrochemical cell is provided. The within invention describes various aspects of the flat, flexible electrochemical cell. A printed anode is provided that obviates the need for a discrete anode current collector, thereby reducing the size of the battery. An advantageous electrolyte is provided that enables the use of a metallic cathode current collector, thereby improving the performance of the battery. Printable gelled electrolytes and separators are provided, enabling the construction of both co-facial and co-planar batteries. Cell contacts are provided that reduce the potential for electrolyte creepage in the flat, flexible electrochemical cells of the within invention.

No. of Pages : 59 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.8004/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APOPTOSIS-INDUCING AGENTS FOR THE TREATMENT OF CANCER AND IMMUNE AND AUTOIMMUNE DISEASES

(51) International classification	:C07D 471/04	(71)Name of Applicant :
(31) Priority Document No	:61/181,203	1)ABBOTT LABORATORIES
(32) Priority Date	:26/05/2009	Address of Applicant :100 ABBOTT PARK ROAD, ABBOTT PARK, IL 60064 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/036198 :26/05/2010	1)BRUNCKO MILAN 2)DING HONG 3)DOHERTY GEORGE 4)ELMORE STEVEN 5)HASVOLD LISA 6)HEXAMER LAURA 7)KUNZER AARON R. 8)SONG XIAOHONG 9)SOUERS ANDREW J. 10)SULLIVAN GERARD 11)TAO ZHI-FU 12)WANG GARY T. 13)WANG LE 14)WANG XILU 15)WENDT MICHAEL 16)MANTEI ROBERT 17)HANSEN TODD M.
(87) International Publication No	:WO 2010/138588	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed are compounds which inhibit the activity of anti-apoptotic Bcl-2 proteins, compositions containing the compounds and methods of treating diseases during which is expressed anti-apoptotic Bcl-2 protein.

No. of Pages : 686 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.8006/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ANTIBODIES AGAINST IL-17BR

(51) International classification	:C07K 16/28
(31) Priority Document No	:0905972.6
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000639
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/116123
(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 :20 PARK CRESCENT, LONDON
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(72)Name of Inventor :

1)MCKENZIE, ANDREW NEIL JAMES

2)NEILL, DANIEL

(57) Abstract :

The invention provides the antibody D9.2 and antibody molecules based on D9.2 which bind interleukin-17 receptor B. These may be useful in therapy, e.g. the treatment of asthma, ulcerative colitis or Crohn's disease.

No. of Pages : 64 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.8008/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MOBILE NETWORK OPTIMIZATION

(51) International classification	:H04W 28/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/053094
Filing Date	:16/03/2009
(87) International Publication No	:WO 2010/105666
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA SIEMENS NETWORKS OY

Address of Applicant :KARAPORTTI 3, FI-02610 ESPOO, FINLAND

(72)Name of Inventor :

1)DE BENEDITTIS, ROSELLA

2)SCHWARZBAUER, HANNS JUERGENI

3)HERRMANN, UWE

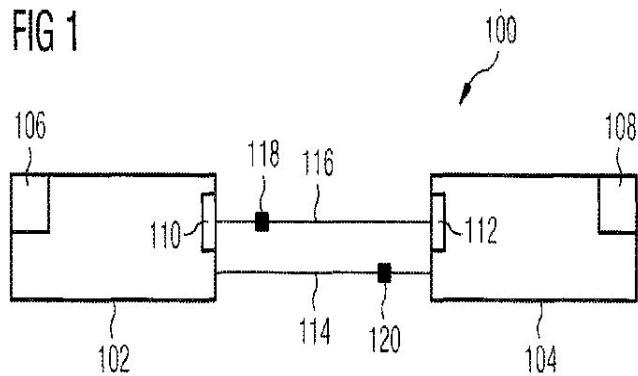
4)PAKULSKI, MACIEJ

5)PISOWACKI, PATRYK

(57) Abstract :

It is described a mobile network (100) with a first network node (102) and a second network node (104), the mobile network providing a user plane (114) for transporting transmission packets (120), which contain user data, and a further network layer plane (116) different from the user plane (114). A method of operating the first network node (102) comprises sending an information element (118) to the second network node (104) via a network layer protocol of the further network layer plane (116) wherein the information element (118) indicates optimizing capabilities of the first network node (102) or of a other network node of the mobile network of processing an optimized transmission packet. A method of operating a second network node (202) comprises receiving the information element (118) from the first network node (102) via a network layer protocol of the further network layer plane (116), and processing the information element (118) . (Fig. 1)

FIG 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/10/2011

(21) Application No.8009/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : GEAR LEVER LOCKING DEVICE

(51) International classification :B60R 25/00
(31) Priority Document No :0903000287
(32) Priority Date :27/03/2009
(33) Name of priority country :Thailand
(86) International Application No :PCT/TH2010/000013
 Filing Date :26/03/2010
(87) International Publication No :WO 2010/110757
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)PATCHARAPIRAT, SUWAT

Address of Applicant :555 MOO 1 NONGTATAM, SUB-DISTRICT PRANBURI DISTRICT PRACHUAPKHIRIKHAN, THAILAND

2) KANTAJARANITI, KAMOL

(72)Name of Inventor :

1) KANTAJARANITI, KAMOL

(57) Abstract :

A gear lever locking device is provided that can be used to lock a gear lever of an automobile. The gear lever locking device includes a sliding axle and a transverse axle that extends from a main axle pipe and moves between a closed position and an open position. In the closed position, the sliding axle and transverse axle prevent the gear lever from movement.

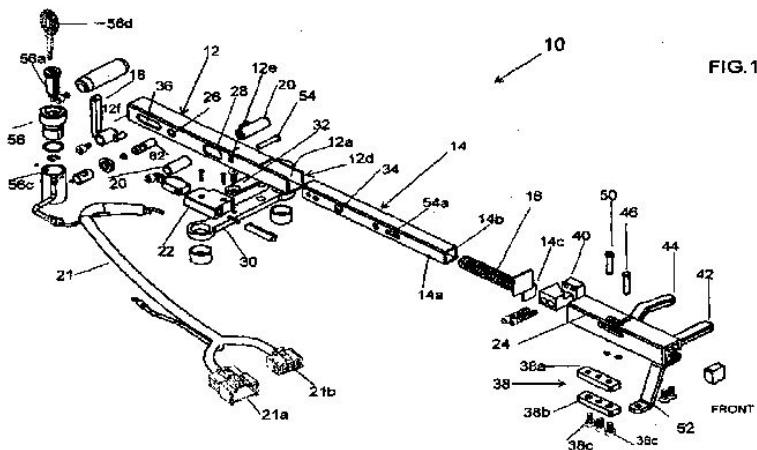


FIG. 1

No. of Pages : 47 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8051/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : GENETIC LOCI ASSOCIATED WITH FUSARIUM EAR MOLD RESISTANCE IN MAIZE

(51) International classification	:C12Q 1/68
(31) Priority Document No	:61/168,779
(32) Priority Date	:13/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030825
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/120727
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)E. I. DU PONT DE NEMOURS AND COMPANY

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(72)**Name of Inventor :**

1)TOMAS, ADRIANA

2)SIMCOX, KEVIN

3)PRADA, DARIO

4)LUCK, STANLEY

(57) Abstract :

The invention relates to methods and compositions for identifying and selecting maize plants with enhanced resistance to Fusarium ear mold. Maize plants generated by the methods of the invention are also a feature of the invention.

No. of Pages : 142 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8052/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : THRAUSTOCHYTRIDS, FATTY ACID COMPOSITIONS, AND METHODS OF MAKING AND USES THEREOF

(51) International classification	:C12N 15/82
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/001720
Filing Date	:19/03/2009
(87) International Publication No	:WO 2010/107415
(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)APT, KIRK, E.

2)PFEIFER, JOSEPH, W., III

3)HANSEN, JON, MILTON

4)BEHRENS, PAUL, WARREN

5)ZIRKLE, ROSS

6)STAHL, TRACEY, LYNN

(57) Abstract :

The present invention is directed to isolated thraustochytrid microorganisms as well as strains and mutants thereof. The invention is further directed to biomasses, microbial oils, compositions, cultures, methods of producing microbial oils, and methods of using the isolated thraustochytrids, biomasses, and microbial oils.

No. of Pages : 87 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8053/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPOSITIONS AND METHODS INCORPORATING PHOTOCATALYSTS

(51) International classification	:C09D 183/04
(31) Priority Document No	:12/433,958
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032640
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/126919
(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)WILLEY, ALAN, DAVID

2)BAKER, ELLEN, SCHMIDT

3)MUELLER, WILLIAM, RICHARD

4)CONSTANTINIDES, IOANNIS, CONSTANTINE

(57) Abstract :

The present invention includes compositions comprising an active material having groups capable of covalent attachment to a substrate in the presence of an acid or a base, a photocatalyst capable of generating an acid or a base upon exposure to light, and a vehicle. Also included herein is a method for treating a substrate with these compositions. The method includes the steps of applying at least one active material having functional groups to the substrate, applying a photocatalyst to the substrate, and exposing the photocatalyst and the at least one active material to light for forming covalent attachments between the functional groups and constituent groups on the substrate. The compositions and methods described herein are useful in consumer care and personal care product applications.

No. of Pages : 40 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8055/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : POLYUNSATURATED FATTY ACID SYNTHASE NUCLEIC ACID MOLECULES AND POLYPEPTIDES, COMPOSITIONS, AND METHODS OF MAKING AND USES THEREOF

(51) International classification	:C12N 15/52
(31) Priority Document No	:61/161,742
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028009
Filing Date	:19/03/2010
(87) International Publication No	:WO 2010/108114
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MARTEK BIOSCIENCES CORPORATION

Address of Applicant :6480 DOBBIN ROAD, COLUMBIA, MARYLAND 21045, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)APT, KIRK, E.

2)RICHTER, LESLIE

3)SIMPSON, DAVID

4)ZIRKLE, ROSS

(57) Abstract :

The present invention is directed to isolated nucleic acid molecules and polypeptides of thraustochytrid polyunsaturated fatty acid (PUFA) synthases involved in the production of PUFAs, including PUFAs enriched in docosahexaenoic acid (DHA), eicosapentaenoic acid (EPA), or a combination thereof. The present invention is directed to vectors and host cells comprising the nucleic acid molecules, polypeptides encoded by the nucleic acid molecules, compositions comprising the nucleic acid molecules or polypeptides, and methods of making and uses thereof

No. of Pages : 425 No. of Claims : 120

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8056/DELNP/2011 A

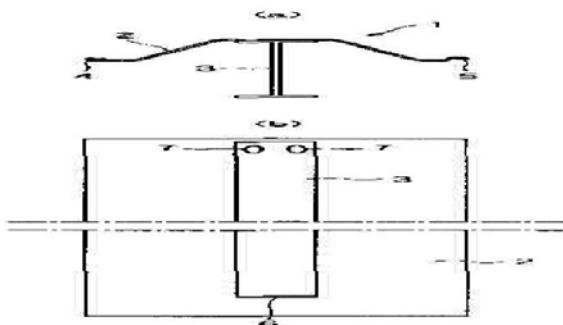
(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPOSITE STEEL SHEET PILE AND STEEL SHEET PILE WALL USING THE COMPOSITE STEEL SHEET PILE

(51) International classification	:E02D 5/04	(71) Name of Applicant :
(31) Priority Document No	:2009-102623	1)SUMITOMO METAL INDUSTRIES, LTD.
(32) Priority Date	:21/04/2009	Address of Applicant :5-33, KITAHAMA 4-CHOME CHUO-KU, OSAKA-SHI OSAKA 5410041, JAPAN
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2010/056973	1)NAGAO, NAOYA
Filing Date	:20/04/2010	2)TANAKA, HIROYUKI
(87) International Publication No	:WO 2010/122992	3)KAMEYAMA, AKIHISA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A composite steel sheet pile and a steel sheet pile wall which comprise a steel sheet pile and a rigidity increasing steel material which are not fully integrated with each other but are combined with each other as superposed beams in such a manner that the deflection behaviors of the steel sheet pile and the rigidity increasing steel material almost coincide with each other. The configuration eliminates labor and cost required for welding, shape measurement, correction work, processing management etc., and allows the composite steel sheet pile and the steel sheet pile wall to be stored and transported with high efficiency. An H-shaped steel member 3 is disposed inside the web section of a steel sheet pile 2, and the upper end and the lower end of the H-shaped steel member 3 are joined to the web section of the steel sheet pile 2. Steel sheet piles 2 are connected together by engagement between joints 4, 5 provided at both ends of each steel sheet pile 2 in the width direction thereof, the connection being made in such a manner that protrusions and recesses in a cross-section of the steel sheet piles 2 face the same direction. One end of an H-shaped steel member 3 is secured by welding 6 etc. to a steel sheet pile 2, and the other end is joined to the steel sheet pile 2 using a combination of a joining bolt and a bolt hole having a size greater than a bolt hole having a size appropriate for the diameter of the bolt, and as a result, the H-shaped steel member 3 and the steel sheet pile 2 are permitted to be displaced from each other in the top-bottom direction. The H-shaped steel member 3 and the steel sheet pile 2 can be joined together in a construction site, and this allows the H-shaped steel member 3 and the steel sheet pile 2 to be transported separately to the site, joined together in the site and driven into the ground in the integrated form.



No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8057/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR OPERATING A PNEUMATIC OR HYDRAULIC SYSTEM

(51) International classification	:B60T 17/22
(31) Priority Document No	:10 2010 008 375.8
(32) Priority Date	:17/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/000521
Filing Date	:04/02/2011
(87) International Publication No	:WO 2011/101096
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VOITH PATENT GMBH

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HEIDENHEIM GERMANY (DE)

(72)Name of Inventor :

1)MAYER, ANDREAS

2)BETZ, JUERGEN

3)WASSERMANN, MIRCO

(57) Abstract :

The invention relates to a method which is used to operate a hydraulic or pneumatic system. The system has at least one pressure accumulator. The system comprises at least one valve device, and a sensor for at least indirectly detecting the position of the valve device and at least one sensor for detecting a value which is related at least indirectly to the pressure in the pressure accumulator. In the method, the pressure in the region of the system located on the side of the valve device that is facing away from the pressure accumulator is determined on the basis of the detected values. The determined pressure value is then used for regulating the pressure provided via the valve device and/or for monitoring the function and/or calibration of a pressure sensor disposed on the side of the valve device that is facing away from the pressure accumulator.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8060/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR ENHANCING CONTRAST IN IMAGING

(51) International classification	:A61K 9/127
(31) Priority Document No	:61/161,589
(32) Priority Date	:19/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027795
Filing Date	:18/03/2010
(87) International Publication No	:WO 2010/107990
(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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HOUSTON, TEXAS, UNITED STATES OF AMERICA

**2)BOARD OF REGENTS OF THE UNIVERSITY OF
TEXAS SYSTEM**

(72)**Name of Inventor :**

1)ANANTH ANNAPRAGADA

2)RUSSELL M. LEBOVITZ

3)KETANKUMAR B. GHAGHADA

(57) Abstract :

Examples of compositions of liposomes and methods of making the same containing high concentrations of contrast-enhancing agents for computed tomography are provided. Example compositions of such liposomes, when administered to a subject, provide for increased contrast of extended duration, as measured by computed tomography, in the bloodstream and other tissues of the subject. Also provided are example methods for making the liposomes stable, that is, resistant to leakage of the contrast-enhancing agents, including the extrusion of the liposomes at high pressures and at high flow rates per total pore area of the extrusion filters.

No. of Pages : 44 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8061/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BMP-ALK3 ANTAGONISTS AND USES FOR PROMOTING BONE GROWTH

(51) International classification	:A61P 19/08
(31) Priority Document No	:61/211,557
(32) Priority Date	:30/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029282
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/114860
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ACCELERON PHARMA INC.

Address of Applicant :128 SIDNEY STREET, CAMBRIDGE, MA 02139, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)JASBIR SEEHRA

(57) Abstract :

In certain aspects, the present invention provides compositions and methods for promoting bone growth and increasing bone density and strength. In certain embodiments, the present invention provides ALK3 polypeptides, including ALK3-Fc fusion proteins.

No. of Pages : 167 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8066/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR MANUFACTURING AN ASSEMBLY INCLUDING A PLURALITY OF BLADES MOUNTED IN A PLATFORM

(51) International classification	:B22F 7/06	(71) Name of Applicant :
(31) Priority Document No	:0952707	1)SNECMA
(32) Priority Date	:24/04/2009	Address of Applicant :2 BOULEVARD DU GENERAL MARTIAL VALIN, 75015, PARIS, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/EP2010/055040	1)JEAN-PAUL BENARD
Filing Date	:16/04/2010	2)VANESSA MENGELING
(87) International Publication No	:WO 2010/121966	3)JEAN-BAPTISTE
(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 manufacturing an assembly (11) including a plurality of blades (9) mounted in a platform (7, 8), wherein: the blades (9) are manufactured separately from the platform (7, 8), the blades (9) being finished after manufacturing; a mixture of metal powder and thermoplastic binder is prepared; the mixture is injected into a mould to obtain a platform blank (7, 8); an operation is performed to remove the binder from the platform blank (7, 8) prior to assembling the finished blades (9) to said blank (7, 8); one end of the finished blades (9) is inserted into a recess provided in the platform blank (7, 8) in order to assemble the assembly (11); and the assembly of the platform blank (7, 8) with the finished blades (9) is sintered to combine the assembly (11).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8067/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TRANSVERSE WEB FOR AN ELEMENT OF A LINE GUIDING DEVICE'

(51) International classification	:F16G 13/16
(31) Priority Document No	:20 2009 005 737.2
(32) Priority Date	:17/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/054978
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/119101
(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 :

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2)GEORG THEISS

3)ANDREAS HERMEY

4)FRANK BLASE

5)HARALD NEHRING

(57) Abstract :

The invention relates to a transverse web for connecting two side pans of an element of a line guiding device, comprising a toggle lever closure (2) having an actuating part (3) and a locking part (4), wherein the, actuating part (3) can be swiveled from the locking position complete!}' to the unlocking position in one step by means of a tool (B), and wherein in an engagement area (10) at a distance to the free end (8) of the actuating part (3) and to the swivel axis (axes), a lateral recess (11) for engaging the tool (W) in the transverse web (1) and for applying a force by means of the tool (W) with at least one force component in the direction of the swivel motion of the actuating part (3) to the unlocking position thereof is provided, wherein the recess (11) is laterally delimited by the opening edge (12) of the opening (9) and the actuating part (3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8068/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING CHANNEL QUALITY INDEX IN MULTIPLE USER-MIMO COMMUNICATION NETWORKS

(51) International classification	:H04W 24/00
(31) Priority Document No	:61/171,292
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000639
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/121385
(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 :

In order to minimize the control signaling overhead associated with transmitting CQI data from mobile stations to base stations in wireless communication networks supporting MU-MIMO, the CQI during MU-MIMO operation is estimated based on SU-MIMO CQI data, mobile station geometry data, and mobile station PMI (Precoding Matrix Index) data. More particularly, the base station maintains and updates a knowledge pool that correlates geometry data and learned impact of interfering precoder data to degradation of CQI values responsive to switching from SU-MIMO operation to MU-MIMO operations. Then, when the base station switches from SU-MIMO operation to MU-MIMO operation, it consults the knowledge pool to predict the degradation in CQI and subtracts them from the known, pre-switching SU-MIMO CQI feedback data for each relevant mobile station to predict the post-switching MU-MIMO CQIs for that mobile station.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8038/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : RF CAVITY-BASED PROCESS FLUID SENSOR

(51) International classification	:G01N 29/02
(31) Priority Document No	:12/384,701
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001031
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/117445
(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)SCHUMACHER MARK S.

2)LU LIANGJU

(57) Abstract :

A remote system for sensing a process fluid parameter comprises a cavity, a tuner and a signal coupler. The cavity is configured to resonate at a central frequency that shifts in response to the process fluid parameter. The tuner is configured to tune the central frequency. The signal coupler is configured to receive a query signal, and to transmit an echo signal when the query signal matches the shifted central frequency.

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8071/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A DEVICE AND METHOD FOR CASCADING FILTERS OF DIFFERENT MATERIALS

(51) International classification	:H03H 1/00
(31) Priority Document No	:12/424,068
(32) Priority Date	:15/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2010/000542
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/118512
(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)CHUN-YUN JIAN

(57) Abstract :

Some embodiments of the invention provide a filter having at least one first filter, each first filter being a band-reject type filter having a first set of filter parameters that are a function of a first material used to fabricate the at least one first filter, and at least one second filter, each second filter having a second set of filter parameters that are a function of a second material used to fabricate the at least one second filter, each second filter being one of a bandreject type filter and a band pass type filter. The at least one first filter and the at least one second filter are then cascaded together to form the filter. The first material and the second material are different materials. The cascaded filter has a new third set of filter parameters that are a function of both the first material and the second material. Other embodiments of the invention include a method for fabricating the filter and a method of filtering using such a cascaded filter.

No. of Pages : 60 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8072/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPOSITIONS FOR STIMULATION OF MAMMALIAN INNATE IMMUNE RESISTANCE TO PATHOGENS

(51) International classification	:C12N 15/117	(71) Name of Applicant :
(31) Priority Document No	:61/163,137	1)THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
(32) Priority Date	:25/03/2009	Address of Applicant :201 WEST 7TH ST., AUSTIN, TX 78701, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/028658	(72) Name of Inventor :
Filing Date	:25/03/2010	1)BURTON DICKEY
(87) International Publication No	:WO 2010/111485	2)MICHAEL TUVIM
(61) Patent of Addition to Application Number	:NA	3)SCOTT EVANS
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the invention are directed to methods of treating, inhibiting or attenuating a microbial infection in an individual who has or is at risk for developing such an infection, comprising the step of administering an effective amount of a StIR composition to the individual.

No. of Pages : 120 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8073/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING SEMICRYSTALLINE POLYMER MATERIAL

(51) International classification	:C08G 63/88
(31) Priority Document No	:A 2043/2009
(32) Priority Date	:28/12/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000494
Filing Date	:27/12/2010
(87) International Publication No	:WO 2011/079342
(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)KLAUS FEICHTINGER
2)MANFRED HACKL
3)ANDREAS ROSSLER-CZERMAK
4)GERALD WEIS**

(57) Abstract :

The present invention relates to a method for producing semicrystalline polymer material, wherein the predominantly amorphous raw polymer material, in particular granules, to be treated is introduced into a crystallization reactor (1) and is partially crystallized there by being heated, but without melting, and subsequently the semicrystalline polymer material obtained in such a way is removed from the crystallization reactor (1) and at least part of said semicrystalline polymer material is diverted and mixed back into the crystallization reactor (1) in order to reduce the adhesive tendency of the polymer material. According to the invention, the diverted semicrystalline polymer material is combined and mixed with the raw polymer material before being mixed back into the crystallization reactor (1), and the mixture is then introduced into the crystallization reactor (1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8074/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR SEPARATING AROMATIC COMPOUNDS

(51) International classification	:B01D 3/40
(31) Priority Document No	:09158388.0
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055297
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/122073
(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)SVEN KUHLMANN

2)HANS-MARTIN WEBER

3)HANS-ULRICH DUMMERSDORF

4)KASPER HALLENBERGER

5)OLIVER PFOHL

(57) Abstract :

The invention relates to a method for separating mixtures of substances by distillation using ionic liquids as extracting agents.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8075/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COATING AGENT AND COATINGS PRODUCED THEREFROM HAVING HIGH SCRATCH RESISTANCE WHILE YIELDING GOOD RESULTS IN THE ERICHSEN DEPTH TEST AND HAVING GOOD STONE CHIPPING RESISTANCE PROPERTIES

(51) International classification	:C08G 18/62
(31) Priority Document No	:10 2009 030 481.9
(32) Priority Date	:24/06/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/001422 :08/03/2010
(87) International Publication No	:WO 2010/149236
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)MATTHIJS GROENEWOLT

(57) Abstract :

The present invention relates to coating compositions comprising (A) at least one hydroxyl-containing polyacrylate and/or at least one hydroxyl-containing polymethacrylate and (B) at least one compound (B) containing isocyanate groups and having at least one structural unit (I) of the formula (I) and having at least one structural unit (II) of the formula (II) where (i) the hydroxyl-containing polyacrylate and/or the hydroxyl-containing polymethacrylate have/has a glass transition temperature of less than 10°C, (ii) the compound (B) containing isocyanate groups contains more than 10 mol% to 90 mol% of at least one structural unit of the formula (I) and 10 to less than 90 mol% of at least one structural unit of the formula (II), based in each case on the entirety of the structural units (I) and (II), and (iii) 10 to 60 mol% of the isocyanate groups of the diisocyanate and/or polyisocyanate parent structure of the compound (B) have been reacted to form the structural units of the formulae (I) and (II). The present invention additionally provides multistage coating processes using these coating compositions, and also the use of the coating compositions as clearcoat or application of the coating process for automotive OEM finishing, the finishing of surface-mounted automotive components, and automotive refinish.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8042/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HETEROLEPTIC IRIDIUM COMPLEX

(51) International classification	:C07F 15/00
(31) Priority Document No	:61/162,476
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028134
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/111175
(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)XIA, CHUANJUN

2)KWONG, RAYMOND

3)LAYEK, SUMAN

(57) Abstract :

Novel compounds comprising heteroleptic iridium complexes are provided. The compounds have a particular combination of ligands which includes a single pyridyl dibenzo-substituted ligand. The compounds may be used in organic light emitting devices, particularly as emitting dopants, to provide devices having improved efficiency, lifetime, and manufacturing.

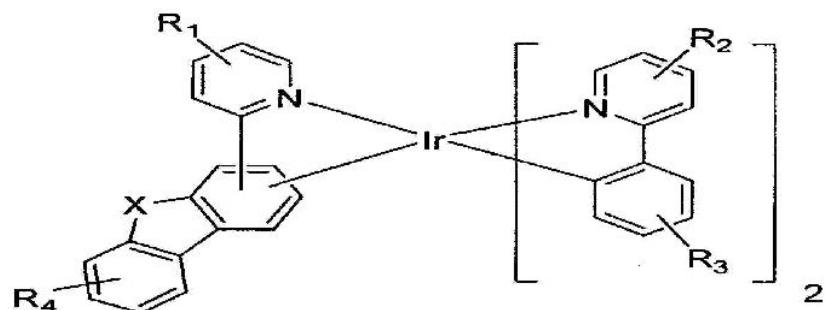


FIGURE 3

No. of Pages : 122 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8044/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR SOLAR CELLS WITH LASER FIRED CONTACTS IN THERMALLY DIFFUSED DOPED REGIONS

(51) International classification	:H01L 31/0216
(31) Priority Document No	:61/163,687
(32) Priority Date	:26/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/027777 :18/03/2010
(87) International Publication No	:WO 2010/111107
(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)CARLSON, DAVID, E.

2)ZOU, LIAN

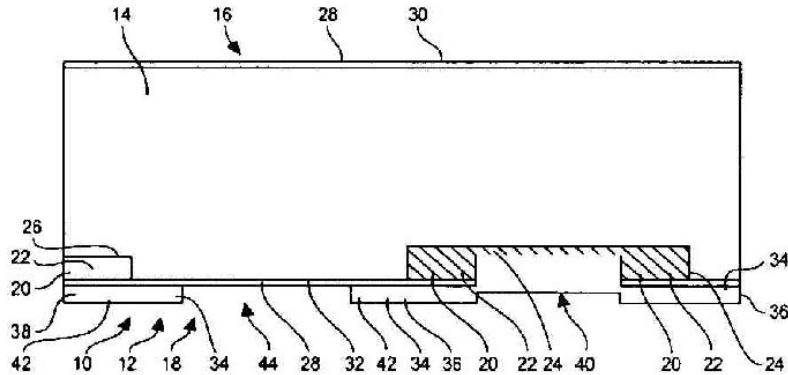
3)BENNETT, MURRAY, S.

4)HMUNG, GEORGE

(57) Abstract :

This invention relates to an apparatus and a method for solar cells with laser fired contacts in thermally diffused doped regions. The cell includes a doped wafer and a plurality of first highly doped regions having a first conductivity type. The cell also includes a plurality of second highly doped regions having an opposite conductivity type from the first conductivity type and a passivation layer disposed over at least a portion of each the plurality of first highly doped regions and the plurality of second highly doped regions. The cell also includes a network of conductors having a first conductor and a second conductor, and a plurality of contacts electrically connecting the first highly doped regions with the first conductor and electrically connecting the second highly doped regions with the second conductor.

Fig. 1A



No. of Pages : 52 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8047/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ALPHA-4-BETA-7 HETERO DIMER SPECIFIC ANTAGONIST ANTIBODY

(51) International classification	:C07K 16/28
(31) Priority Document No	:61/162,154
(32) Priority Date	:20/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027422
Filing Date	:16/03/2010
(87) International Publication No	:WO 2010/107752
(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)HSU, HAILING

2)FOLTZ, IAN

3)ARORA, TARUNA

4)JACOBSEN, FREDERICK W.

(57) Abstract :

There are disclosed alpha4beta7 heterodimer-specific antigen binding proteins, nucleic acids encoding them, and methods of making and using them.

No. of Pages : 124 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8048/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPOUNDS, COMPOSITIONS AND METHODS COMPRISING 1,3,4-OXADIAZOLE DERIVATIVES

(51) International classification	:A61K 31/41
(31) Priority Document No	:61/171,056
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031798
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123933
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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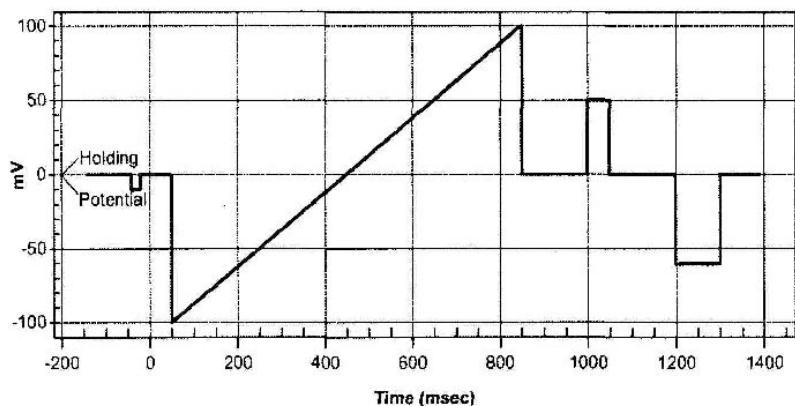
2)DOYLE, KEVIN JAMES

(57) Abstract :

The present invention relates to compositions and methods for treating a disease in an animal, which disease is responsive to inhibiting of functional cystic fibrosis transmembrane conductance regulator (CFTR) polypeptide by administering to a mammal in need thereof an effective amount of a compound defined herein (including those compounds set forth in Tables 1-2 or encompassed by formulas I-IV) or compositions comprising these compounds, thereby treating the disease. The present invention particularly, relates to a method of treating diarrhea and polycystic kidney disease.

FIG. 1

Command Voltage



No. of Pages : 112 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8049/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CANNULA WITH INTEGRATED CAMERA AND ILLUMINATION

(51) International classification	:A61B 17/94
(31) Priority Document No	:61/164,215
(32) Priority Date	:27/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028881
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/111629
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PRENOVITZ, MELVIN, B.

3)MCKINLEY, PHILIP, E.

4)PLOUFFE, JESSE, R.

(57) Abstract :

A cannula assembly includes a tubular element forming a lumen, a deployable portion of the tubular element, and an electronic component mounted to the deployable portion of the tubular element. The tubular element has a proximal end and a distal end adapted to be inserted into a body cavity. The deployable portion of the tubular element is engaged near the distal end of the tubular element so as to transition between a closed position and an open position. The electronic component is at least partially disposed in the lumen when the deployable portion is in the closed position.

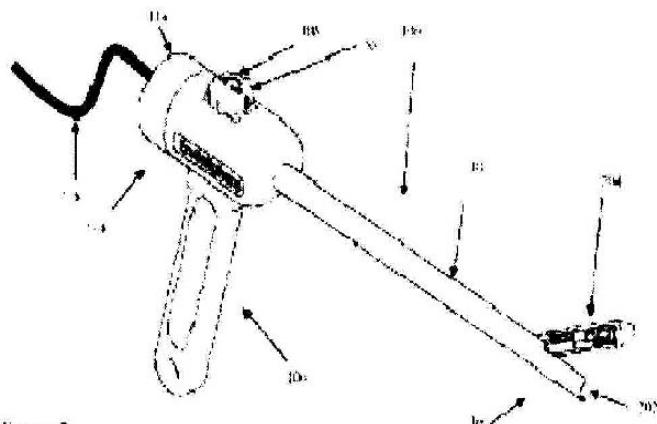


Figure 2

No. of Pages : 28 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8081/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR OPERATING A FUEL INJECTION VALVE AND A CONTROL DEVICE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02D 41/20
(31) Priority Document No	:10 2009 003 214.2
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/055957 :03/05/2010
(87) International Publication No	:WO 2010/133441
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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- 2)SCHLUETER, RUBEN
- 3)NEUBERG, JENS
- 4)KEMMER, HELESON
- 5)RAPP, HOLGER
- 6)HAMEDOVIC, HARIS
- 7)KOENIG, JOERG
- 8)HOANG, ANH-TUAN
- 9)WICHERT, BERND
- 10)HIRCHENHEIN, ACHIM

(57) Abstract :

Described herein is a method for operating a valve, particularly a fuel injection valve (10) of an internal combustion engine of a motor vehicle. The method includes subjection of the fuel injection valve (10) to at least one control variable, particularly an actuating current (I) and/or a control voltage (U), during an actuation period (tA) in order to affect an operating condition of the fuel injection valve (10). The actuation period (tA) of the fuel injection valve (10) is smaller or greater than a transition region (TWP2 -TWP1).

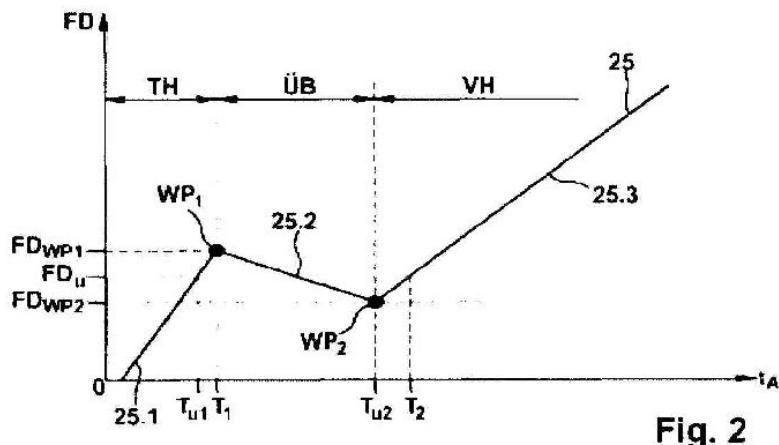


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8076/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HIGH-STRENGTH STEEL SHEET, HOT-DIPPED STEEL SHEET, AND ALLOY HOT-DIPPED STEEL SHEET THAT HAVE EXCELLENT FATIGUE, ELONGATION, AND COLLISION CHARACTEERISTICS, AND MANUFACTURING METHOD FOR SAID STEEL SHEETS

(51) International classification	:C22C 38/14
(31) Priority Document No	:2009-127340
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP10/003541
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/137317
(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 :

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2)TOSHIMASA TOMOKIYO

3)NOBUHIRO FUKITA

4)NAOKI MATSUTANI

5)KOICHI GOTO

(57) Abstract :

This high-strength steel sheet includes: in terms of percent by mass, 0.03 to 0.10% of C; 0.01 to 1.5% of Si; 1.0 to 2.5% of Mn; 0.1% or less of P; 0.02% or less of S; 0.01 to 1.2% of Al; 0.06 to 0.15% of Ti; and 0.01% or less of N; and contains as the balance, iron and inevitable impurities, wherein a tensile strength is in a range of 590 MPa or more, and a ratio between the tensile strength and a yield strength is in a range of 0.80 or more, a microstructure includes bainite at an area ratio of 40% or more and the balance being either one or both of ferrite and martensite, a density of Ti(C,N) precipitates having 1 A sizes of 10 nm or smaller is in a range of 1010 precipitates/mm² or more, and a ratio (Hvs/Hvc) of a hardness (Hvs) at a depth of 10 urn from a surface to a hardness (Hvc) at a center of a sheet thickness is in a range of 0.85 or more.

No. of Pages : 84 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8078/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AN ANCHOR POSITIONING SYSTEM

(51) International classification	:B63B 21/50
(31) Priority Document No	:0906182.1
(32) Priority Date	:08/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000719
Filing Date	:08/04/2010
(87) International Publication No	:WO 2010/116147
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FE ANCHOR CORPORATION

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MAHE, VICTORIA, SEYCHELLES

(72)Name of Inventor :

1)EDMUND FITCH

(57) Abstract :

An anchor (3) and an anchor positioning system (1) are provided in which an anchor shackle (7) is arranged such that, in use, it is disposed within a chasing collar (17). The anchor shackle can be positioned in a locking position in the chasing collar in which rotational movement of the anchor shackle around its longitudinal axis is inhibited. The anchor shackle may also be positioned in an unlocked position in the chasing collar. The anchor shackle can rotate around its longitudinal axis (x-x) from the unlocked position to the locking position. Accordingly, the anchor shackle assists in maintaining the anchor (3) in a desired orientation corresponding to the locking position.

No. of Pages : 31 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8079/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : VALVE UNIT FOR A HIGH-PRESSURE PISTON FUEL PUMP AND PUMP COMPRISING THIS VALVE UNIT

(51) International classification	:F04B 1/04
(31) Priority Document No	:MI2009A000830
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/053827
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/130502
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

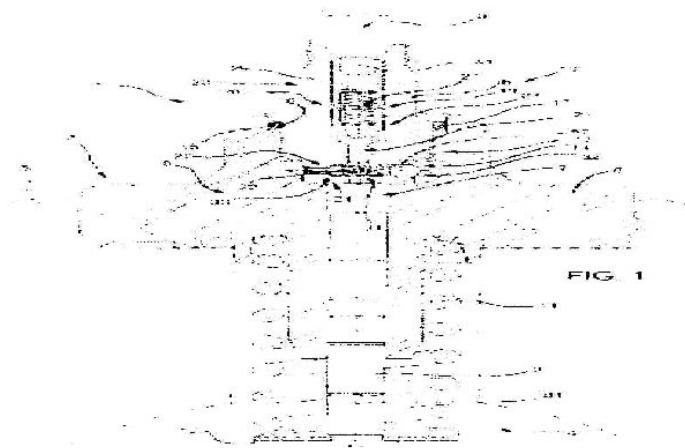
Address of Applicant :POSTFACH 30 02 20, STUTTGART
70442 GERMANY

(72)Name of Inventor :

1)LOIUDICE, NICOLA

(57) Abstract :

Described herein is a valve unit (10) for controlling the supply and delivery of fuel to and from a compression chamber (7) of a high-pressure piston pump (1). The valve unit (10) comprises a valve body (18); a first check valve (19) having a first valve seat (21) extending along a first axis (A1), where the first valve seat (21) is formed in the valve body (18), and can be connected to the compression chamber (7) and to a fuel delivery duct (9); and a second check valve (20) having a second valve seat (22) extending along a second axis (A2), where the second valve seat (22) is formed in the valve body (18), and can be connected to the compression chamber (7) and to a fuel supply duct (8).



No. of Pages : 16 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8080/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : POSITIONING SYSTEM FOR A TRAVELING TRANSFER SYSTEM

(51) International classification	:G01D 5/165
(31) Priority Document No	:102009003080.8
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/054427
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/130506
(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)LOECHT, HEINRICH

(57) Abstract :

Described herein is a positioning system (1) for a traveling transfer system. The positioning system (1) includes a traveling transport belt (2), at least one traveler (3) that travels on the transport belt (2), and a positioning device (4) having a plurality of position sensors (5) that are disposed on the transport belt (2). The position sensors (5) are disposed in a first row (6) and in a second row (7). The first row (6) is disposed parallel to the second row (7). Further, the position sensors (5) are disposed in a direction of travel (A) in the first row (6) and in the second row (7) in such a manner that free ends of the position sensors (5), at a right angle to the direction of travel (A), form overlapping sections (16).

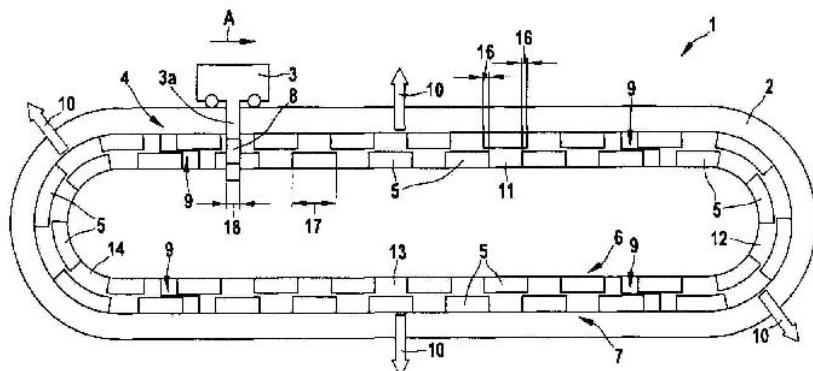


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8082/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ANTI-WEAR LAYER ARRANGEMENT AND STRUCTURAL ELEMENT HAVING AN ANTI-WEAR LAYER ARRANGEMENT

(51) International classification	:C23C 14/06
(31) Priority Document No	:102009003192.8
(32) Priority Date	:18/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/053701
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/133388
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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(72)Name of Inventor :

1)FRAUNE, MICHAEL

2)FEUERFEIL, RAINER;

3)MAY, ULRICH;

(57) Abstract :

Described herein is an anti-wear layer structure (20), in particular for structural elements (B) of a fuel injection system that are subjected to high pressures and high temperatures. The anti-wear layer structure (20) includes a protective layer (21) formed from tetragonally bonded amorphous carbon or having a proportion of tetragonally bonded amorphous carbon; and an adhesion promoter layer (22) having titanium between the structural element (B) and the protective layer (21). The adhesion promoter layer (22) contains at least one oxidation-resistant element, in addition to titanium.

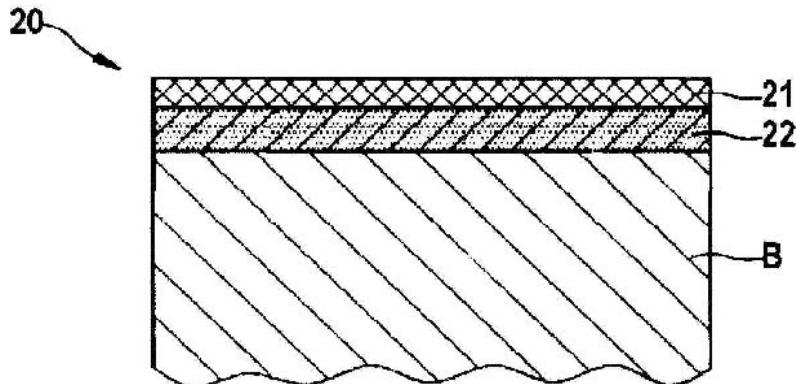


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8084/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHODS OF MICROBIAL OIL EXTRACTION AND SEPARATION

(51) International classification	:C12P 7/64
(31) Priority Document No	:61/169,271
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031108
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120939
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SOLAZYME, INC.

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(72)Name of Inventor :

1)WITTENBERG, JON

2)ARANA, FELIPE

(57) Abstract :

Lipids can be extracted from a microbial biomass that constitutes at least 20% lipids by weight and has a moisture content of less than 4% by weight by applying pressure to the biomass so as to release lipids therefrom, thereby leaving a biomass of reduced lipid content; and collecting the lipids.

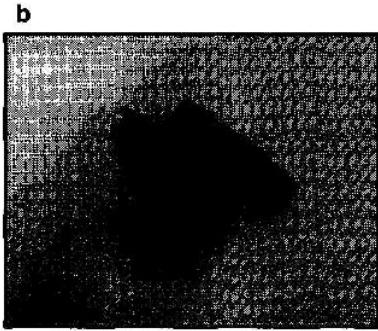
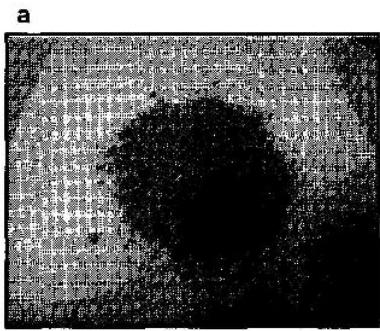


Figure 1

No. of Pages : 126 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8086/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : NOVEL MICROALGAL FOOD COMPOSITIONS

(51) International classification	:A23B 5/00
(31) Priority Document No	:61/169,271
(32) Priority Date	:14/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031088
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/120923
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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- 2)FRANKLIN, SCOTT
- 3)AVILA, JEFF
- 4)DECKER, STEPHEN, M.
- 5)BALIU, ENRIQUE
- 6)RAKITSKY, WALTER
- 7)ZDANIS, DANA
- 8)NORRIS, LESILE M.

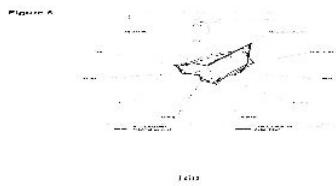
(57) Abstract :

The invention provides novel microalgal food compositions comprising microalgal biomass that have been processed into flakes, powders and flours. The microalgal biomass of the invention is low/ in saturated fats, high in monounsaturated triglyceride oil and can be a good source of fiber. The invention also comprises microalgal biomass that is suitable as a vegetarian protein source and also as a good source of fiber. Novel methods of formulating food compositions with the microalgal biomass of the invention are also disclosed herein including beverages, baked goods, egg products, reduced fat foods and gluten-free foods. The provision of food compositions incorporating the microalgal biomass of the invention to a human have the further benefit of providing healthful ingredients while achieving levels of satiety sufficient to reduce further caloric intake. The invention also provides novel strains of microalgae that can be used to produce the microalgal biomass. The oil from the microalgal biomass can be extracted and is an edible oil that is heart-healthy. The novel microalgal biomass and oil therefrom can be manufactured from edible and inedible heterotrophic fermentation feedstocks, including corn starch, sugar cane, glycerol, and depolymerized cellulose that are purpose-grown or byproducts of existing agricultural processes from an extremely broad diversity of geographic regions.

ORIGINAL

ABSTRACT

NOUVELLES COMPOSITIONS ALIMENTAIRES À BASE D'ALGUES
The invention provides novel microalgal food compositions comprising microalgal biomass that have been processed into flakes, powders and flours. The microalgal biomass of the invention is low/ in saturated fats, high in monounsaturated triglyceride oil and can be a good source of fiber. The invention also comprises microalgal biomass that is suitable as a vegetarian protein source and also as a good source of fiber. Novel methods of formulating food compositions with the microalgal biomass of the invention are also disclosed herein including beverages, baked goods, egg products, reduced fat foods and gluten-free foods. The provision of food compositions incorporating the microalgal biomass of the invention to a human have the further benefit of providing healthful ingredients while achieving levels of satiety sufficient to reduce further caloric intake. The invention also provides novel strains of microalgae that can be used to produce the microalgal biomass. The oil from the microalgal biomass can be extracted and is an edible oil that is heart-healthy. The novel microalgal biomass and oil therefrom can be manufactured from edible and inedible heterotrophic fermentation feedstocks, including corn starch, sugar cane, glycerol, and depolymerized cellulose that are purpose-grown or byproducts of existing agricultural processes from an extremely broad diversity of geographic regions.



No. of Pages : 179 No. of Claims : 181

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8089/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : WATER-STABLE, OIL-MODIFIED, NONREACTIVE ALKYD RESIN CONSTRUCTION ADHESIVES, AND USE THEREOF

(51) International classification	:C09J 167/08
(31) Priority Document No	:12/463,659
(32) Priority Date	:11/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/034323 :11/05/2010
(87) International Publication No	:WO 2010/132406
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**

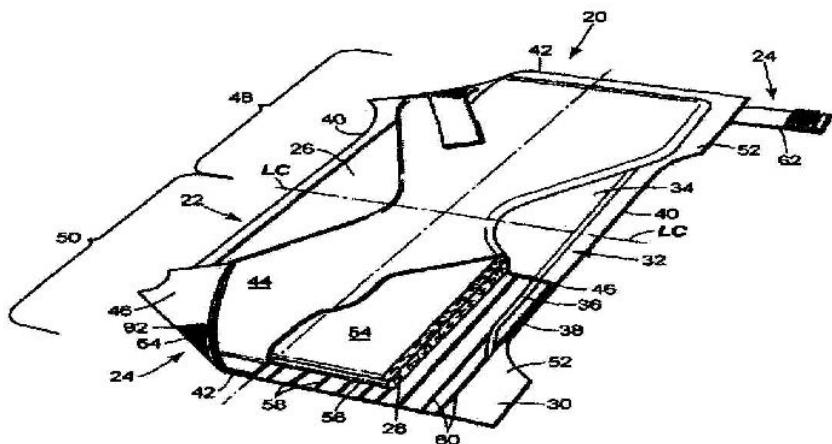
1)ALLEN, WILLIAM, MAXWELL, JR.

2)NODA, ISAO

3)HUHN, WOLFGANG, EDGAR

(57) Abstract :

Disclosed herein is a new use for water-stable, oil-modified, nonreactive alkyd resins. It has now been found that such resins can be used as the predominant component of a construction adhesive employed in the manufacture of disposable absorbent articles, for example. As such, the construction adhesive need not employ plasticizers, tackifiers, and conventional polymers required by hot-melt adhesives typically used as construction adhesives. Furthermore, in the manufacture of disposable absorbent articles, the construction adhesive containing a water-stable, oil-modified, nonreactive, alkyd resin does not need to be processed or applied at the high temperatures required of construction adhesives containing reactive alkyds.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8058/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : 5-HT RECEPTOR MODULATING COMPOUNDS

(51) International classification	:C07D 211/34
(31) Priority Document No	:0905641.7
(32) Priority Date	:01/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000656
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/112865
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KLAIVENESS, JO

2)BRUDELI, BJAME

3)LEVY, FINN OLAV

4)MOLTZAU, LISE ROMN

5)GULBRANDSEN, TRYGVE

(57) Abstract :

The present invention relates to compounds having 5-hydroxytryptamine receptor modulating activity, in particular compounds having an acidic moiety held distant from the 5-HT pharmacophore by a rigid linker group, to compositions containing such compounds and methods of treatment using them. Such compounds have an increased affinity for the 5-HT receptor and a reduced hERG effect. Certain compounds of the invention further exhibit an angiotensin II receptor modulating activity. Claimed are compounds of formula (I): HT - L - A. HT is a 5-HT receptor modulating moiety containing a basic nitrogen atom; A is an acid moiety; L is a linker moiety. Examples of particular preferred HT groups are: (a) (b). Examples of particular preferred L groups comprise formula (VI) and (VII) moieties: Examples of acid moieties are: -C(O)OR I. -OP(O)(OR2)2, -P(O)(OR2)2, -SO2OR2, -S03H, -S03H, -P(O)(OH)2.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/10/2011

(21) Application No.8059/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PATTERNED HEAT MANAGEMENT MATERIAL

(51) International classification	:A41D 13/005
(31) Priority Document No	:61/176,448
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034124
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/129923
(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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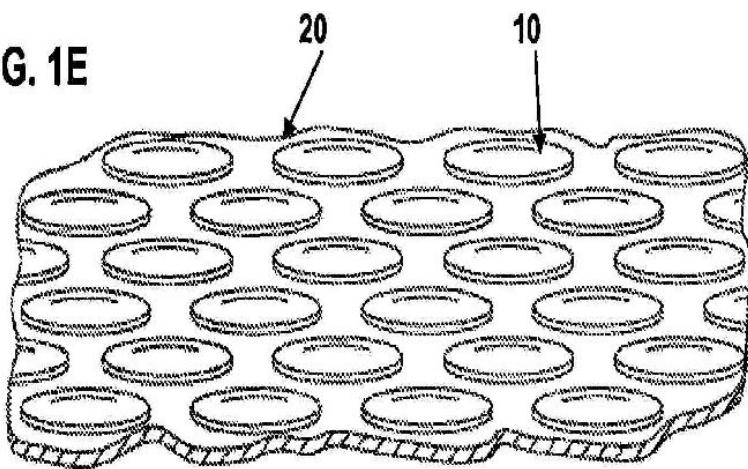
(72)Name of Inventor :

1)BLACKFORD, WOODY

(57) Abstract :

Embodiments of the present disclosure relate generally to body gear having designed performance characteristics, and in particular to methods and apparatuses that utilize an array of heat managing elements coupled to a base material to direct body heat while also maintaining the desired transfer properties of the base material. In some embodiments, the heat managing material elements include heat management elements that reflect heat or conduct heat, and may be directed towards the body of a user or away from the body of the user. Figure 1E

FIG. 1E



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8093/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : RELEASE SHEET MATERIAL

(51) International classification	:C09J 7/02
(31) Priority Document No	:09161427.1
(32) Priority Date	:28/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/US2010/035534
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/138370
(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 :

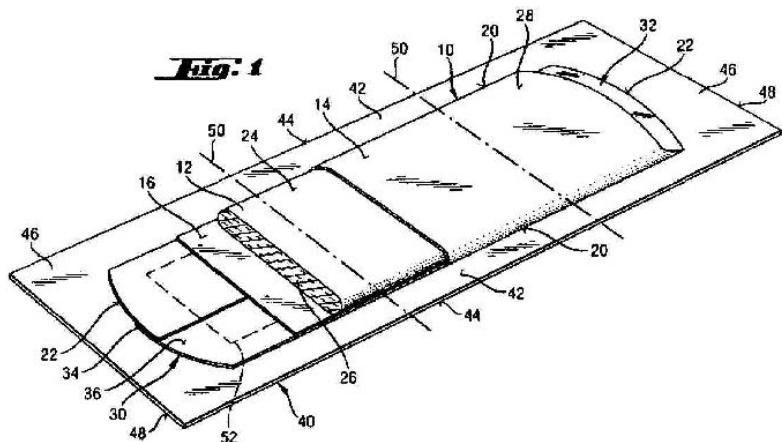
1)TORO, CARLO

2)SALONE, FIORELLO

3)POMPEI, ENZO

(57) Abstract :

Release sheet materials for use as packaging material for individually packaged disposable absorbent articles, typically sanitary napkins and the like.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8095/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DETECTOR AND DETECTION METHOD

(51) International classification	:G01N 33/543
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/057269
Filing Date	:09/04/2009
(87) International Publication No	:WO 2010/116507
(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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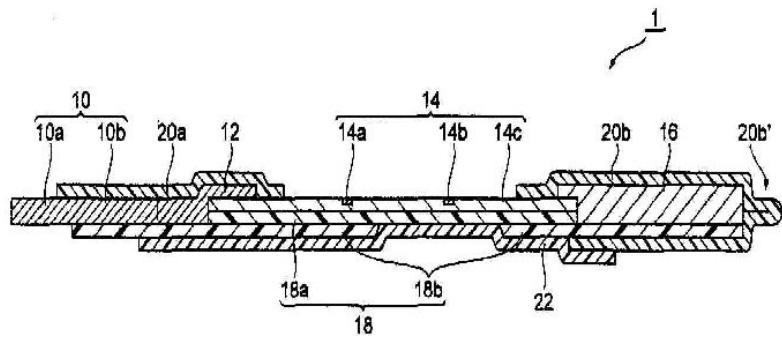
(72)Name of Inventor :

1)HIGUCHI, MASAYUKI
2)NAKANO, YUUICHI
3)SUZUKI, NAHOKO
4)NAKAMURA, MIKI
5)YAMASHITA, KOUHEI

(57) Abstract :

Provided is a strip-shaped detector that detects an analyte in a liquid sample. The detector includes a collecting member that directly collects a liquid sample from a living organism, a holding member that holds a labeling reagent binding specifically to the analyte in a state where the labeling reagent can move along with the movement of the liquid sample, a detecting member to which a detection reagent is immobilized which captures a complex of the analyte and the labeling reagent by binding specifically to the analyte, an absorbing member that can absorb the liquid sample, and a liquid-impermeable supporting member, wherein the respective members are arranged on the supporting member in the longitudinal direction of the detector so that the liquid sample moves through the inside of these members, and the collecting member includes a protruding portion sticking out of the supporting member at the upstream side in the movement direction of the liquid sample.

Fig.1



No. of Pages : 63 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8097/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CALIBRATION TARGET DETECTION APPARATUS, CALIBRATION TARGET DETECTING METHOD FOR DETECTING CALIBRATION TARGET, AND PROGRAM FOR CALIBRATION TARGET DETECTION APPARATUS

(51) International classification	:H04N 7/18
(31) Priority Document No	:2009-128206
(32) Priority Date	:27/05/2009
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2010/052448 :18/02/2010
(87) International Publication No	:WO 2010/137364
(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 :1, ASAHI-MACHI 2-CHOME,
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(72)Name of Inventor :

1)TAKEDA SHOKO

2)WATANABE KAZUYA

3)ASANO TADASHI

4)DONISHI YUKIKO

5)YAMAMOTO KINJI

(57) Abstract :

There is disclosed a calibration target detection apparatus that can be obtained at a low cost and without increasing storage capacity, is the apparatus being provided with: a light measurement region setting unit for setting a long light measurement region; a light-measuring unit for detecting light measurement information of the light measurement region; a profile generation unit for generating a first profile, wherein the long light measurement region taking a predetermined one direction as a long direction is scanned along the other direction orthogonal to the one direction, and the change in the light measurement information in the other direction is shown; and a second profile, wherein the long light measurement region taking the other direction as the long direction is scanned along the one direction, and the change in the light measurement information in the one direction is shown; and a position calculation unit for calculating, on the basis of a characteristic point of the first and second profiles, a position of a calibration target or a position of a predetermined location of the calibration target, the calibration target being used for calibrating an onboard camera, and the calibration target being included in a captured image acquired by the onboard camera.

No. of Pages : 57 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8069/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A BEARING SEAL ASSEMBLY, PARTICULARLY FOR USE IN AGRICULTURAL APPLICATIONS

(51) International classification	:F16C 23/08	(71) Name of Applicant : 1)AKTIEBOLAGET SKF Address of Applicant :S-415 50 GOTEBORG, SWEDEN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/EP2009/056293	(72) Name of Inventor :
Filing Date	:25/05/2009	1)FABIO PICATTO
(87) International Publication No	:WO 2010/136058	2)DAVIDE ZANGHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The bearing seal assembly (50) includes a metal shield (70) and a resilient multi-lip sealing gasket (60) seemed to the metal shield. The metal shield is supported in use by an outer ring (20) of a rolling contact bearing and includes a diagonally extending central portion (72). The sealing gasket (60) provides a number of contacting lips (62-64) facing an inner ring of the rolling contact bearing. A first, main contacting lip (66) exerts a first radial bad on the inner ring. A second contacting lip (62) extends from the first lip (66) and exerts a second radial load on the inner ring lower than the first radial bad. A third contacting lip (64) is on the opposite side of the second lip (62) with respect to the first lip (66) and exerts a third radial load on the inner ring lower than the first tadial load but greater than the second radial load.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8100/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM, METHOD AND APPARATUS FOR SENSOR INSERTION

(51) International classification

:A61B 5/145

(31) Priority Document No

:12/495,238

(32) Priority Date

:30/06/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/040484

Filing Date

:29/06/2010

(87) International Publication No

:WO 2010/002815

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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3)FEDERIUK ISAAC

4)POLCIN RYAN

5)SLOMSKI DENNIS

6)WARD ERIC

7)RESCH MIHAI

8)NA

(57) Abstract :

Embodiments provide a sensor insertion tool (SIT) that provides a motive force for insertion of an analyte sensor into/through skin. A SIT may be releasably locked to one or more components of a sensor insertion system, such that components of the sensor insertion system remain securely coupled during sensor insertion. A SIT may include a release member that unlocks or uncouples the SIT and the other components after sensor insertion. In various embodiments, a SIT may be a component of a sensor insertion system configured for assembly by an end user, a health care professional, and/or a caretaker prior to sensor insertion, and may act in cooperation with other sensor insertion system components. Additional components and methods of assembly and use are also provided herein.

No. of Pages : 46 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8101/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PYRETHRROID COMPOUND, PREPARATION PROCESS AND USE THEREOF

(51) International classification	:C07C 69/743
(31) Priority Document No	:200910143250.X
(32) Priority Date	:21/05/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/070669
Filing Date	:11/02/2010
(87) International Publication No	:WO 2010/133098
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)QI MINGZHU

2)ZHOU JINGMEI

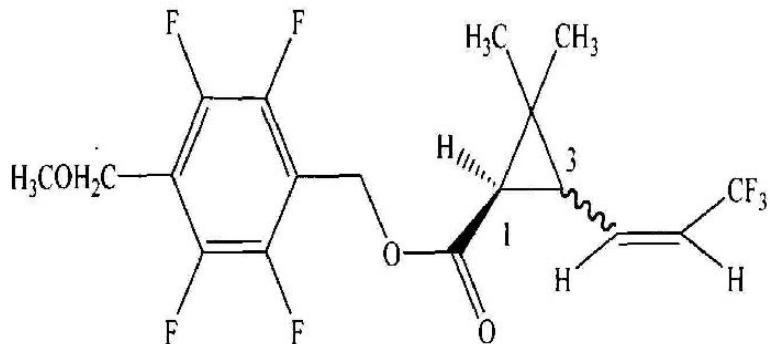
3)JIANG YOUFA

4)HE SHUZE

5)ZHANG DONG

(57) Abstract :

Disclosed are a pyrethrroid compound, a preparation process and the use thereof, wherein the compound is a stereoisomer of 2,3,5,6-tetrafluoro-4-methoxymethylbenzyl-3-(3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate. The structure of the compound is represented by formula (A), in which the carbon-carbon double bond in carboxylic acid section is Z configuration, and the absolute stereo configuration at the 1-position of cyclopropane is R, namely, the said compound is 2,3,5,6-tetrafluoro-4-methoxymethylbenzyl-1R-(Z)-3-(3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate. The said pyrethrroid compound has a high activity, and has a significant effect on preventing and curing sanitary pests.



(A)

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8102/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD OF ESTABLISHING A PROCESS DECISION SUPPORT SYSTEM'

(51) International classification	:G06F 19/00
(31) Priority Document No	:2009/02987
(32) Priority Date	:30/04/2009
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2010/051903
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/125542
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GE. INFRASTRUCTURE SOUTH AFRICA

(PROPRIETARY) LIMITED

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MIDRAND 1683, SOUTH AFRICA.

(72)Name of Inventor :

1)LUDIK JACQUES

2)MOOLMAN DERICK WESSELS

(57) Abstract :

A method of establishing a process decision support system. Decision support systems of the kind are used in manufacturing processes, particularly industrial manufacturing processes, to monitor the performance of the processes in view of controlling the processes in order to optimise process production and quality. The method includes collecting process data of a process, collecting operational data of a process, and fusing the process data and operational data to create a fused data set (such as a consolidated rule set) of the process upon which process decisions (such as control decisions) may be taken. The process data and operational data may be fused according to methods of rules-based knowledge fusion, mathematical knowledge fusion, or case-based reasoning knowledge fusion.

No. of Pages : 26 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8098/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MEDICAL COMPOSITION FOR TREATMENT OR PROPHYLAXIS OF EYE DISEASES

(51) International classification	:A61K 31/55
(31) Priority Document No	:2009-083582
(32) Priority Date	:30/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055720
Filing Date	:30/03/2010
(87) International Publication No	:WO 2010/113958
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UBE INDUSTRIES LTD.

Address of Applicant :1978-96, OAZA KOGUSHI, UBE-SHI,
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(72)Name of Inventor :

1)HAGIHARA MASAHIKO

2)AGA YASUHIRO

3)HASEGAWA TOHRU

(57) Abstract :

The present invention is to provide a medical composition for the treatment or prophylaxis of diseases caused by angiogenesis of eyes which comprises a compound represented by the following formula (I): wherein R1 represents a C1-C6 alkyl group or halogeno-C1-C6 alkyl group, R2 represents a carboxyl group which may be protected, and Y represents a group represented by the formula (II): wherein Z represents CH or nitrogen atom, or a pharmaceutically acceptable salt thereof as an active ingredient.

No. of Pages : 79 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8099/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : N-PHENYL-(PIPERAZINYL OR HOMOPIPERAZINYL)-BENZENESULFONAMIDE OR BENZENESULFONYL-PHENYL-(PIPERAZINE OR HOMOPIPERAZINE) COMPOUNDS SUITABLE FOR TREATING DISORDERS THAT RESPOND TO MODULATION OF THE SEROTONIN 5-HT₆RECEPTOR

(51) International classification	:C07D 241/04	(71)Name of Applicant :
(31) Priority Document No	:61/174,054	1)ABBOTT GMBH & CO. KG Address of Applicant :MAX-PLANCK-RING 2, 65205
(32) Priority Date	:30/04/2009	WIESBADEN, GERMANY
(33) Name of priority country	:U.S.A.	2)ABBOTT LABORATORIES
(86) International Application No Filing Date	:PCT/EP2010/55789 :29/04/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/125134	1)HAUPT ANDREAS 2)POHLKI FRAUKE 3)DRESCHER KARLA 4)WICKE KARSTEN 5)UNGER LILIANE 6)RELO ANA-LUCIA 7)BESPALOV ANTON 8)VOGG BARBARA 9)BACKFISCH GISELA 10)DELZER JUERGEN 11)ZHANG MIN 12)LAO YANBIN
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present Invention relates to N-phenyl-(piperazinyl or homopiperazinyl)-benzenesulfonamide or benzenesulfonyl-phenyl-(piperazine or homopiperazine) compounds, pharmaceutical compositions containing them, and their use in therapy. The compounds possess valuable therapeutic properties and are particularly suitable for treating diseases that respond to modulation of the serotonin S-HT₆ receptor. wherein X is a bond or a group N-R₄; R₁ is hydrogen or methyl; R₂ is hydrogen or methyl; R₃ is hydrogen, C₁-C₃ alkyl, fluorine, C₁-C₂ alkoxy or fluorinated C₁-C₂ alkoxy; R₄ is hydrogen, C₁-C₄ alkyl, C₃-C₄ cycloalkyl, or C₃-C₄ cycloalkyl-CH₂-; R₅ is hydrogen, fluorine, chlorine, C₁-C₂ alkyl, fluorinated C₁-C₂ alkyl, C₁-C₂ alkoxy or fluorinated C₁-C₂ alkoxy; R₆ is hydrogen, fluorine or chlorine; and n is 1 or 2.

No. of Pages : 122 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.81/DELNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HERBICIDALLY ACTIVE HETEROARYL-SYBSTITUTED CYCLIC DIONES OR DERIVATIVES THEREOF

(51) International classification	:C07D 401/08
(31) Priority Document No	:0913436.2
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001449
Filing Date	:29/07/2010
(87) International Publication No	:WO 2011/012862
(61) 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 LIMITED

Address of Applicant :EUROPEAN REGIONAL CENTRE,
PRIESTLEY ROAD, SURREY RESEARCH PARK,
GUILDFORD, SURREY GU2 7YH, GREAT BRITAIN U.K.

(72)**Name of Inventor :**

1)JEANMART STEPHANE ANDRE MARIE

2)LONGSTAFF ADRIAN

3)MATHEWS CHRISTOPHER JOHN

4)VINER RUSSELL COLIN

5)WOOD FRANCES KATHRYN

(57) Abstract :

The invention relates to a compound of formula (I), which is suitable for use as a herbicide wherein G is hydrogen or an agriculturally acceptable metal, sulfonium, ammonium or latentating group; Q is a unsubstituted or substituted C3-C8 saturated or mono-unsaturated heterocycl containing at least one heteroatom selected from O, N and S, or Q is heteraryl or substituted heteraryl; m is 1, 2 or 3; and Het is an optionally substituted monocyclic or bicyclic heteroaromatic ring; and wherein the compound is optionally an agronomically acceptable salt thereof.

No. of Pages : 170 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8134/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INTEGRATED BRUSHLESS STARTER/GENERATOR SYSTEM

(51) International classification	:H02K 1/32
(31) Priority Document No	:12/426445
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027170
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/123635
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)SHAFER, DOUGLAS GEORGE

2)TOOT, PETER DAVID

(57) Abstract :

A brushless startor/generator includes a rotor rotatably mounted within a stator mounted within a housing and an oil cooling system using cooling oil from an engine accessory gearbox for cooling the rotor and the stator. The rotor is fixedly mounted on a rotor shaft having a rotor heat exchange disposed therein. A stator heat exchanger for cooling the stator includes an oil jacket around the housing. The stator heat exchanger includes a grooved tube around the housing and axially extending axial passages connected to annular inlet and outlet manifolds in the grooved tube. The rotor shaft is operably connected to a power take-off shaft within the gearbox and rotatably supported by a shaft bearing in a gearbox casing of the accessory gearbox. The oil cooling system is a dry cavity oil cooling system which prevents cooling oil from entering an air gap between the rotor and the stator.

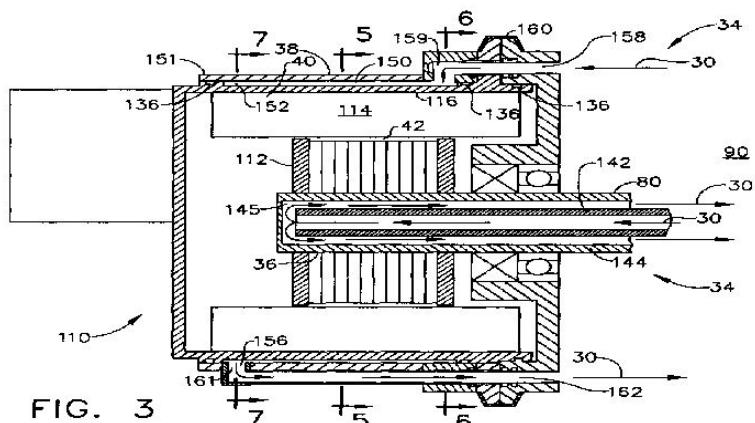


FIG. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8135/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : VIDEO TRANSMISSION ON A SERIAL INTERFACE

(51) International classification	:G09G 5/00
(31) Priority Document No	:0952557
(32) Priority Date	:20/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055173
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/122010
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ST-ERICSSON (GRENOBLE) SAS

Address of Applicant :12 RUE JULES HOROWITZ, F-38000 GRENOBLE (FR) France

(72)Name of Inventor :

1)RIES, GILLES

(57) Abstract :

A video transmission circuit for transmitting video data on a digital serial interface to a receive circuit arranged to process the video data at a constant rate, the circuit including a transmission block comprising: a packet generator arranged to generate, for each image of the video data, a plurality of packets, each containing a pixel group of the image; a transmit circuit arranged to transmit the packets of each image on a digital serial interface at time intervals based on the constant rate; and a synchronization circuit arranged to receive from the receive circuit, after transmission of a plurality of packets, a synchronization signal for synchronizing the beginning of the transmission of a next packet.

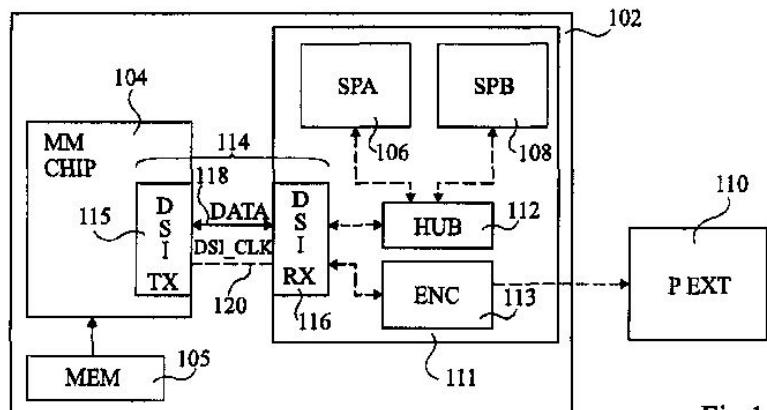


Fig 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8103/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : RANKINE CYCLE HEAT RECOVERY METHODS AND DEVICES

(51) International classification	:F02G 5/00
(31) Priority Document No	:12/387,664
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/000062
Filing Date	:11/01/2010
(87) International Publication No	:WO 2010/129003
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DANFOSS TURBOCOR COMPRESSORS B.V.

Address of Applicant :KONINGSLAAN 17, NL-1075 AA
AMSTERDAM NETHERLANDS

(72)Name of Inventor :

1)CONRY RONALD DAVID

(57) Abstract :

An integrated expansion turbine/electrical generator assembly (collectively referred to as a turbo-generator) suitable for use in waste heat recovery and similar applications. The turbo-generator uses a common shaft mounting a one or more stage expansion turbine and a homopolar electrical generator. Magnetic levitating axial and thrust bearings are used to hold the common shaft in its proper position with a fixed housing. The magnetic bearings minimize functional losses, allowing the common shaft to spin at a very high rotational velocity. Sensor rings continually monitor the common shaft's position. This information is used by control electronics to regulate the magnetic bearings in order to hold the rotating shaft's position. Electrical energy is extracted from the rotating shaft in the form of a direct current. Preferably integrated power-switching electronics are used to generate single or three-phase AC power, which can be phase-matched to an existing power grid or other application.

No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8104/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CLOSE PROXIMITY CATALYSIS FOR CARBON NANOTUBE SYNTHESIS

(51) International classification	:C01B 31/02
(31) Priority Document No	:61/174,335
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032444
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/126840
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)APPLIED NANOSTRUCTURED SOLUTIONS, LLC
Address of Applicant :2323 EASTERN BLVD.,
BALTIMORE, MD 21220, U.S.A.

(72)**Name of Inventor :**

1)MALECKI, HARRY, C.
2)SHAH, TUSHAR, K.

(57) Abstract :

A method for carbon nanotube synthesis can include providing in a growth chamber, a substrate in close proximity with a surface of a first plate having a catalyst. The method can also include heating the growth chamber to a temperature sufficient to cause transfer of catalytic particles from the first plate to the substrate. The method can also include growing carbon nanotubes on the substrate by directing feed gas to the substrate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8105/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CNT-BASED RESISTIVE HEATING FOR DEICING COMPOSITE STRUCTURES

(51) International classification	:G06F 19/00
(31) Priority Document No	:61/173,027
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032446
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/1292343
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)APPLIED NANOSTRUCTURED SOLUTIONS, LLC
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(72)**Name of Inventor :**

1)SHAH, TUSHAR, K.
2)MALECKI, HARRY, C.
3)ADCOCK, DANIES, JACOB

(57) Abstract :

A composite structure includes a matrix material and a carbon nanotube (CNT)-infused fiber material that includes a plurality of carbon nanotubes (CNTs) infused to a fiber material. The CNT-infused fiber material is disposed throughout a portion of the matrix material. The composite structure is adapted for application of a current through the CNT-infused fiber material to provide heating of the composite structure. A heating element includes a CNT-infused fiber material includes a plurality of CNTs infused to a fiber material. The CNT-infused fiber material is of sufficient proportions to provide heating to a structure in need thereof.

No. of Pages : 69 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8142/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPACT ORGANIC VAPOR JET PRINTING PRINT HEAD

(51) International classification	:C23C 14/04
(31) Priority Document No	:61/211,002
(32) Priority Date	:25/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028495
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/111386
(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)FORREST, STEPHEN R.
2) MCGRAW, GREGORY**

(57) Abstract :

A first device is provided. The first device includes a print head, and a first gas source hermetically sealed to the print head. The print head further includes a first layer further comprising a plurality of apertures, each aperture having a smallest dimension of 0.5 to 500 microns. A second layer is bonded to the first layer. The second layer includes a first via in fluid communication with the first gas source and at least one of the apertures. The second layer is made of an insulating material.

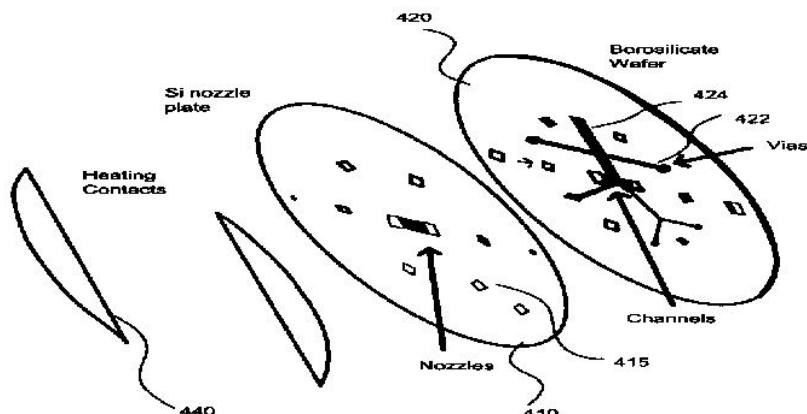


FIG. 4

No. of Pages : 64 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8143/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MEDIA TIMELINE INTERACTION

(51) International classification :G06F 17/00
(31) Priority Document No :12/427,919
(32) Priority Date :22/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/031109
 Filing Date :14/04/2010
(87) International Publication No :WO 2010/123738
(61) Patent of Addition to Application Number :NA
 Filing Date :NA
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)MICROSOFT CORPORATION
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OF AMERICA
(72)**Name of Inventor :**
1)YU, SANDY
2)LI, BARN-WAN
3)CHEN, JEFFREY CHAO-NAN
4)HUANG, ALLEN
5)ZHAO, JASON XIAOBO
6)PEARSON, MARK

(57) Abstract :

Media timeline interaction may be provided. An electronic presentation may comprise a media object. A user may select the media object within a presentation application and use an on-object user interface in conjunction with the application's user interface to modify the media object. The user may also display the modified media object within the presentation application.

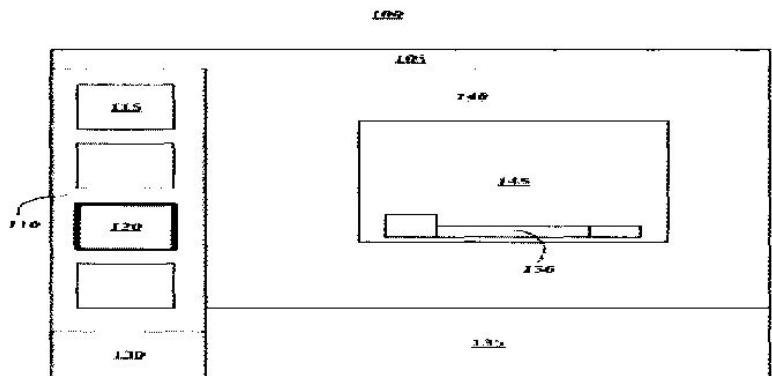


FIG. 1

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8112/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : GATEWAY CERTIFICATE CREATION AND VALIDATION

(51) International classification	:H04L 29/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/057364
Filing Date	:15/06/2009
(87) International Publication No	:WO 2010/145686
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NOKIA SIEMENS NETWORKS OY

Address of Applicant :KARAPORTTI 3, FI-02610 ESPOO,
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(72)Name of Inventor :

1)KORHONEN, JOUNI

(57) Abstract :

A gateway (100) obtains a server side certificate which is signed with a key used for signing zone data for a DNS discovery procedure of discovering the gateway by a mobile node (200) and transmits the signed server side certificate to the mobile node (200) in an authentication procedure of authenticating the gateway. The mobile node (200) verifies the server side certificate received in the authentication procedure of authenticating the gateway (100), using a public key used for verifying a given zone in the DNS discovery procedure of discovering the gateway based on the signed zone data received for the gateway.

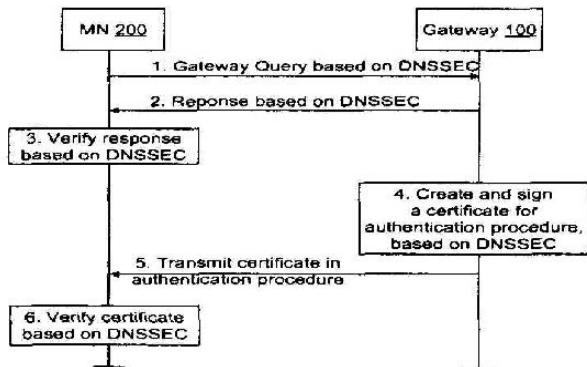


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/10/2011

(21) Application No.8114/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TAPERED ROLLER BEARING AND METHOD OF DESIGNING THE SAME

(51) International classification	:F16C 33/36
(31) Priority Document No	:2009-105854
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056828
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/122955
(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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NISHI-KU, OSAKA-SHI, OSAKA 550-0003, JAPAN

(72)**Name of Inventor :**

1)FUJIWARA, HIROKI

(57) Abstract :

In a tapered roller bearing assembly, a crowning profile formed portion of the roller rolling surface is made up of a contact area crowned portion (7), which is held in contact with an inner ring raceway surface (1a), and a non-contact area crowned portion (8) which is held in non-contact with the inner ring raceway surface (1a). The contact area crowned portion (7) and the non-contact area crowned portion (8) have their generatrices extending in an axial direction of a roller (3), which generatrices are represented by corresponding continuous lines represented by different functions and continued smoothly at a point of connection, and the curvature of the generatrix of the non-contact area crowned portion (8) in the vicinity of the connection point is chosen to be smaller than the curvature of the generatrix of the contact area crowned portion (7).

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8154/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INDOLE DERIVATIVES AND METHODS FOR ANTIVIRAL TREATMENT

(51) International classification	:C07D 401/04	(71)Name of Applicant :
(31) Priority Document No	:61/166,893	1)PTC THERAPEUTICS, INC.
(32) Priority Date	:06/04/2009	Address of Applicant :100 CORPORATE COURT, SOUTH PLAINFIELD, NJ 07080, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2010/029923	1)MALCOLM MACCOSS
Filing Date	:05/04/2010	2)F. GEORGE NJOROGE
(87) International Publication No	:WO 2010/117932	3)AMIN NOMEIR
(61) Patent of Addition to Application Number	:NA	4)GUANGMING CHEN
Filing Date	:NA	5)SONG XIAO HUANG
(62) Divisional to Application Number	:NA	6)RAMESH KAKARLA
Filing Date	:NA	7)GARY, MITCHELL KARP
		8)WILLIAM JOSEPH LENNOX
		9)CHUNSHI LI
		10)RONGGANG LIU
		11)YALEI LIU
		12)CHRISTIE MORRILL
		13)STEVEN D. PAGET
		14)SEAN W. SMITH
		15)JAMES TAKASUGI
		16)ANTHONY A. TURPOFF
		17)HONGYU REN
		18)NANJING ZHANG
		19)XIAOYAN ZHANG
		20)JIN ZHU

(57) Abstract :

The present invention is directed to compounds and forms and pharmaceutical compositions thereof useful for treating a viral infection, or for affecting viral activity by modulating viral replication.

No. of Pages : 441 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8156/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : IMPROVEMENTS IN OPTICAL WAVEGUIDES

(51) International classification	:G02B 6/00
(31) Priority Document No	:0906707.5
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/050639
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/122329
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BAE SYSTEMS PLC

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(72)Name of Inventor :

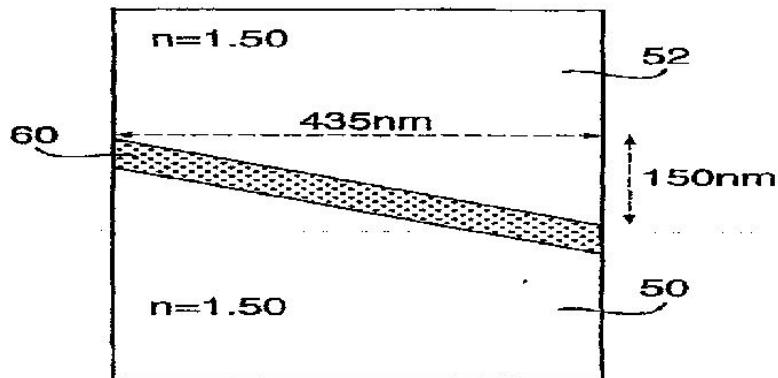
1)MICHAEL DAVID SIMMONDS

2)MOHAMED SALIM VALERA

(57) Abstract :

The use for the purpose of controlling the efficiency of a surface relief grating of an optical waveguide of at least one layer of dielectric material conforming to a profiled surface of the grating. (Figure 7)

Fig.7.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8157/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FLOWLINE FLAPPER VALVE

(51) International classification	:F16K 15/03
(31) Priority Document No	:61/170,917
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031738
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123889
(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)BRIAN C. WITKOWSKI

2)NUDER M. SAID

(57) Abstract :

A check valve assembly has a body having a central cavity intersected by upstream and downstream flow passages. A seat is secured by a threaded engagement in the upstream flow passage. An access bore intersects the cavity and has a support shoulder formed in it. A holder is supported on the support shoulder. A flapper is pivotally secured to the holder and located in the cavity for movement between an open position and a closed position blocking flow through the seat. A straight edge portion in the access bore engages a straight edge portion of the holder to prevent rotation of the holder. A fastener extends through a hole in the support shoulder into engagement with the seat to prevent rotation of the seat.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8163/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND APPARATUS TO CONVEY A URI FOR CONTENT INDIRECTION USE IN SIP

(51) International classification	:H04L 12/28
(31) Priority Document No	:60/560,514
(32) Priority Date	:07/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/000854
Filing Date	:01/04/2005
(87) International Publication No	:WO 2005/099218
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:6123/DELNP/2006
Filed on	:19/10/2006

(71)Name of Applicant :

1)NOKIA CORPORATION

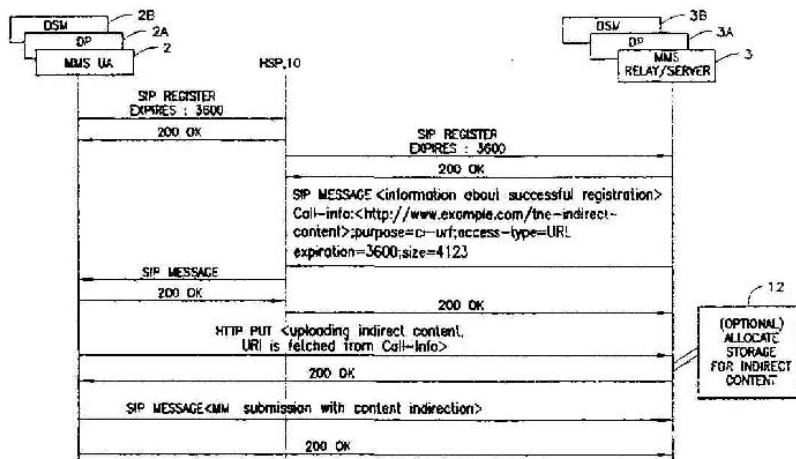
Address of Applicant :KEILALAHDENTIE 4, FIN-02150
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(72)Name of Inventor :

1)KISS, KRISZTIAN

(57) Abstract :

A content indirection communications method, server, device, data storage medium and computer program product, where in a method executed by the server, in response to a Session Initiation Protocol (SIP) registration request from a device, informing the device in a SIP message of the identity of an address where the device may send information that is to be referenced by a SIP content indirection operation, and allocating storage for the information. Informing the device preferably uses a SIP message Call-Info header field with a purpose parameter set to ci-uri for indicating that the Call-Info header field contains a Uniform Resource Identifier (URI) that specifies an identity of the storage location.



No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8121/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : VIBRATION ABSORPTION DEVICE

(51) International classification	:F16F 1/38
(31) Priority Document No	:2009-073413
(32) Priority Date	:25/03/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055293
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/110399
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BRIDGESTONE CORPORATION

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(72)Name of Inventor :

1)NORIKATSU NAMITO

(57) Abstract :

A vibration absorption device includes a cylindrical bracket coupled with one of a vibration generating section and a vibration receiving section and having an inner surface formed in a linear shape in a cylinder axial direction, an external cylinder made of resin and including a small diameter section that is formed in a cylindrical shape, press-fit into a cylinder of the bracket, and has a small diameter surface formed to an outer surface configured to a press-fit leading end to the bracket, a large diameter section that has an outer diameter larger than the inner diameter of the bracket and the outer diameter of the small diameter section and a thickness which is configured to a portion nearer to a press-fit rear end side to the bracket than the small diameter section and is thicker than the small diameter section before the press-fit, and a large diameter surface formed to an outer surface, and an intermediate section that is configured between the small diameter section and the large diameter section and has a standing surface formed on an outer surface for coupling the small diameter surface and the large diameter surface, an internal cylinder that is disposed to an inner peripheral side of the external cylinder as well as coupled with the other of the vibration generating section and the vibration receiving section, and an elastic body that is interposed between an inner peripheral surface of the external cylinder and an outer peripheral surface of the internal cylinder for coupling the external cylinder and the internal cylinder to each other.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8122/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SPLIT-CYCLE ENGINE WITH HIGH RESIDUAL EXPANSION RATIO

(51) International classification	:F02B 33/22
(31) Priority Document No	:61/313,831
(32) Priority Date	:15/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/028274
Filing Date	:14/03/2011
(87) International Publication No	:WO 2011/115866
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)RICCARDO MELDOESI

2)NICHOLAS BADAIN

3)IAN GILBERT

(57) Abstract :

An engine includes a rotatable crankshaft. A compression piston is slidably received within a compression cylinder and operatively connected to the crankshaft. An expansion piston is slidably received within an expansion cylinder and operatively connected to the crankshaft. A crossover passage interconnects the compression and expansion cylinders. The crossover passage includes a crossover expansion (XovrE) valve disposed therein. In an Engine Firing (EF) mode of the engine, the engine has a residual expansion ratio at XovrE valve closing of 10.0 to 1 or greater, and more preferably 15.7 to 1 or greater.

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8123/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HYDROTREATING CATALYST CONTAINING PHOSPHORUS AND BORON

(51) International classification	:B01N 23/85
(31) Priority Document No	:61/171,253
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/002458
Filing Date	:21/04/2010
(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

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1)MARCEL ADRIAAN JANSEN

2)HENK JAN TROMP

3)BOB GERARDUS OOGJEN

4)SANDER HENDRIKUS LAMBERTUS THOONEN

5)JAN NIEMAN

6)WILHELMUS CLEMENS JOZEF VEERMAN

(57) Abstract :

A catalyst having at least one Group VIB metal component, at least one Group VIII metal component, a phosphorus component, and a boron-containing carrier component. The amount of the phosphorus component is at least 1 wt%, expressed as an oxide (P₂O₅) and based on the total weight of the catalyst, and the amount of boron content is in the range of about 1 to about 13 wt%, expressed as an oxide (B₂O₃) and based on the total weight of the catalyst. In one embodiment of the invention, the boron-containing carrier component is a product of a co-extrusion of at least a carrier and a boron source. A method for producing the catalyst and its use for hydrotreating a hydrocarbon feed are also described.

No. of Pages : 37 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8125/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CIRCULATION AREA

(51) International classification	:E01C 5/00
(31) Priority Document No	:GM 244/2009
(32) Priority Date	:20/04/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT2010/000101
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/12175
(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)BERNHARD NEUMANN

(57) Abstract :

A circulation area (1) formed by plate-like cover elements (3a, 3b) laid so as to adjoin one another. In the mutually facing edges (4a, 4b) of mutually adjacent cover elements (3a, 3b), recesses (7a, 7b, 7c, 7d) are provided, which extend into the cover elements parallel to the surface extension of the cover elements from said edges (4a, 4b). Oppositely disposed recesses (7a, 7b, 7c, 7d) are aligned with each other. Alignment bars are each movably mounted in one of two mutually aligned recesses and partially movable into the other of the two aligned recesses by the aid of an adjustment shaft (8a, 8b) so as to engage with both of the mutually aligned recesses (7a, 7b, 7c, 7d), while bridging the separation (9) present between adjacent cover elements (3a, 3b).

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8137/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HANDBAGS WITH INTERCHANGEABLE COVERS AND METHODS FOR CUSTOMIZING HANDBAGS

(51) International classification	:A45C 3/04
(31) Priority Document No	:61/170,883
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/054896 :25/08/2009
(87) International Publication No	:WO 2010/123515
(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)MICHE BAG, LLC

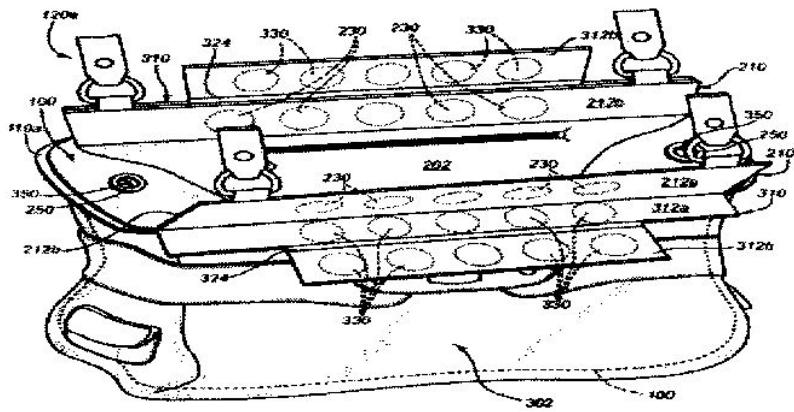
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(72)Name of Inventor :

1)CHURCH, CORBIN, B.
2)SEEGMILLER, CHRISTIAN, J.
3)PLATT, JENNIE

(57) Abstract :

Handbags, including soft handbags, are easily customizable by attaching or changing handbag covers of virtually any design. The handbag covers can include, at least in part, an essentially collapsible material, and are relatively small and easily stored. Accordingly, the aesthetic and design of handbags can be easily altered without requiring the purchase of different handbags of different styles. In at least one implementation of the present invention, the handbag covers essentially envelope the base handbag. Additionally, one or more implementations of the present invention include handbag covers that attach to a base handbag via a plurality of attachment forces. FIG. 4



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8140/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR FERMENTATION OF BIOMASS

(51) International classification	:C12P 7/06
(31) Priority Document No	:61/171,077
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031796
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123932
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)QTEROS, INC.

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STATES OF AMERICA

(72)Name of Inventor :

1)PAREKH, SARAD

2)LATOUF, WILLIAM, G.

(57) Abstract :

In one aspect, this invention relates to production of useful fermentation end-products from biomass through simultaneous hydrolysis and fermentation by a microorganism, such as Clostridium phytofermentans. The invention also relates to the development of a process for efficient pretreatment and conversion of lignocellulosic biomass to end-products with high conversion efficiency (yield). In another aspect, methods for producing a fermentation end-product by fermenting hexose (C6) and pentose (C5) sugars with a microorganism, such as Clostridium phytofermentans are disclosed herein.

No. of Pages : 60 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8166/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PNEUMATIC TIRE

(51) International classification	:B60C 9/18
(31) Priority Document No	:2009-104221
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/002937
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/122804
(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)SOUTO NAKAYAMA

(57) Abstract :

An object of the present invention is to provide a pneumatic tire of which rolling resistance is reduced without impairing wear resistance. Specifically, the pneumatic tire of the present invention comprises: a tread portion; a pair of side wall portions; a pair of bead portions; a carcass constituted of at least one carcass ply extending in a toroidal shape between bead cores in the respective bead portions; a belt disposed on the outer peripheral side of a crown region of the carcass and formed by at least one inclined belt layer made of cords extending to be inclined with respect to the equatorial plane of the tire; and a tread rubber disposed on the radially outer side of the belt, wherein a ratio of BD/BW satisfies the following formula: $(0.062 \times \text{tire aspect ratio} - 0.01) < \text{BD/BW} < (0.062 \times \text{tire aspect ratio} + 0.004)$, provided that BD is a difference in radial distance measured from the rim diameter line between the maximum-radial distance position and a widthwise end edge position of the outermost layer of the inclined belt and BW is a width of the outermost inclined belt layer in a meridian cross section of the tire in a state where the tire is assembled with an application wheel rim.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8168/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : POWER AMPLIFIER DEVICE WITH REDUCED BULK

(51) International classification	:H01P 5/12
(31) Priority Document No	:0902006
(32) Priority Date	:24/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055300
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/122074
(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)JEAN-PHILIPPE FRAYSSE

2)MICHEL MAIGNAN

(57) Abstract :

The amplification device with reduced bulk comprising at least one plate parallel to a plane XY and at least two amplifier modules (41a, 41b) mounted on the plate, each amplifier module (41a, 41b) comprising an amplifier element (11a, 11b), an input connection waveguide (12a, 12b) and an output connection waveguide (13a, 13b) oriented in one and the same direction X corresponding to a direction of longitudinal propagation, the amplifier element (11a, 11b) having an input and output axis (18a, 18b) oriented in a direction Y perpendicular to the direction of propagation X, characterized in that the input connection guides (12a, 12b) of the two amplifier modules (41a, 41b) are distinct, have different lengths (La1, La2) and are mounted in parallel to one another, the output connection guides (13a, 13b) of the two amplifier modules (41a, 41b) are distinct, have different lengths (Lb1, Lb2) and are mounted in parallel to one another, and in that the sum of the lengths (La1+La2, Lb1+Lb2) of the input and output guides of one and the same amplifier module is identical for each amplifier module: La1+La2 = Lb1+Lb2 Fig. 2

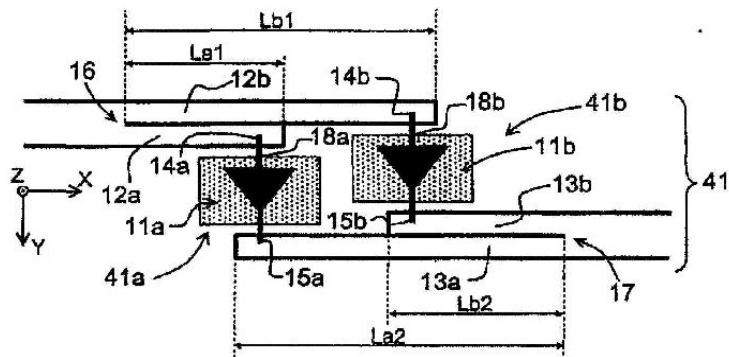


FIG.2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8127/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COATED ARTICLE WITH LOW-E COATING HAVING ZINC STANNATE BASED LAYER BETWEEN IR REFLECTING LAYERS FOR REDUCED MOTTLING AND CORRESPONDING METHOD

(51) International classification	:C03C 17/36
(31) Priority Document No	:12/453,836
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001378
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/134957
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)FERREIRA, JOSE
2)PALLOTTA, PIERROT
3)BLACKER, RICHARD
4)IMRAN, MUHAMMAD

(57) Abstract :

A coated article is provided which may be heat treated (e.g., thermally tempered) and/or heat bent in certain example instances. In certain example embodiments, a zinc stannate based layer is provided between a tin oxide based layer and a silicon nitride based layer, and this has been found to significantly reduce undesirable mottling damage upon heat treatment/bending. This results in significantly improved bendability of the coated article in applications such as vehicle windshields and the like.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8129/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : EFFICIENT ALLOCATION OF POWER TO BANDWIDTH IN A MULTI-CARRIER CELLULAR COMMUNICATION SYSTEM

(51) International classification	:H04W 72/00
(31) Priority Document No	:12/427,272
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/030048
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/123678
(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)SHEARER, DANIEL DAVIDSON MACFARLANE, III

2)MCCALLISTER, RONALD, D.

(57) Abstract :

A cellular communication system includes a plurality of base stations (20), each of which assigns all frequency division multiplex, forward link carriers (32) to either a high- power set (42) of carriers (32) or a low-power set (44) of carriers (32) to improve system capacity and reduce boundary interference in a K=1 frequency reuse plan. The low-power set (44) has fewer members than the high-power set (42). The carriers (32) are simultaneously transmitted, preferably from an omnidirectional antenna (26). Access terminals (76) are configured to select carriers (32) from low-power set (44) for the receipt of data from base stations (20) when such carriers (32) from low-power set (44) provide an acceptable data rate, even though other carriers (32) may have higher SINR.

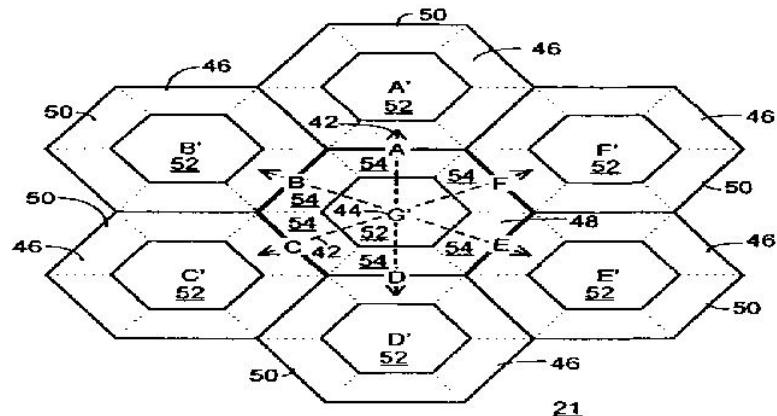


FIG. 8

No. of Pages : 41 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8181/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MAINTAINING UNDO AND REDO CAPABILITY ACROSS METADATA MERGES

(51) International classification	:G06F 17/21
(31) Priority Document No	:12/431,883
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031951
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/126763
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SUNDERLAND, EDGAR, MARK

(57) Abstract :

A method is presented for preserving metadata during an undo operation at a client computer. A first section of a document is modified on a word processing application on the client computer by performing one or more user actions in the first section of the document. While modifying the first section of the document, metadata is received at the client computer for a second section of the document. The metadata is inserted into the second section of the document. After the metadata is inserted into the second section of the document, an undo operation is performed on the word processing application. The undo operation includes the steps of removing the metadata from the second section of the document, undoing the last user action of the one or more user actions in the first section of the document and restoring the metadata for the second section of the document.

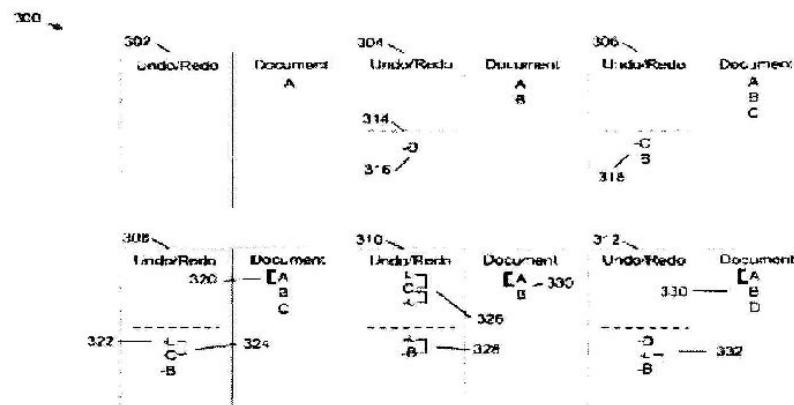


FIG. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8185/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AGGLOMERATE FORMULATIONS USEFUL IN DRY POWDER INHALERS

(51) International classification	:A61K 9/16
(31) Priority Document No	:61/172,343
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032220
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124198
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCHERING CORPORATION

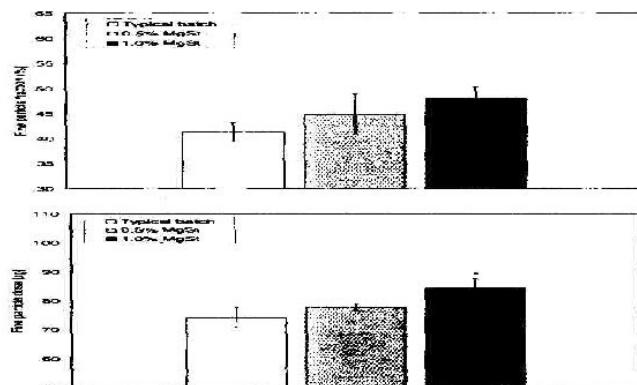
Address of Applicant :2000 GALLOPING HILL ROAD,
KENILWORTH, NEW JERSEY 07033-0530 UNITED STATES
OF AMERICA

(72)Name of Inventor :

**1)PANDEY, PREETANSHU
2)CHAMARTHY, SAI PRASANTH
3)DONOVAN, BRENT ASHLEY**

(57) Abstract :

Several embodiments of the present invention provide for an agglomerate useful for an agglomerate based dry powder inhaler comprising at least one active pharmaceutical agent, at least one additional functional excipient and at least one excipient, such as a binder. Useful at least one additional functional excipients include but are not limited to magnesium stearate, colloidal silica, silicon dioxide, sucrose stearate, L-leucine and combinations thereof.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8186/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AGGLOMERATE FORMULATIONS INCLUDING ACTIVE PHARMACEUTICAL AGENTS WITH TARGETED PARTICLE SIZES

(51) International classification	:A61K 9/72
(31) Priority Document No	:61/172,340
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032228
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/124203
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCHERING CORPORATION

Address of Applicant :2000 GALLOPING HILL ROAD,
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AMERICA

(72)Name of Inventor :

1)PANDEY, PREETANSHU
2)CHAMARTHY, SAI PRASANTH
3)WYLIE, JENNIFER

(57) Abstract :

Various embodiments of the present invention provide for an agglomerate comprising at least one active pharmaceutical agent and at least one excipient; wherein at least about ninety percent of the at least one active pharmaceutical agent have a particle size of less than about 2μm.

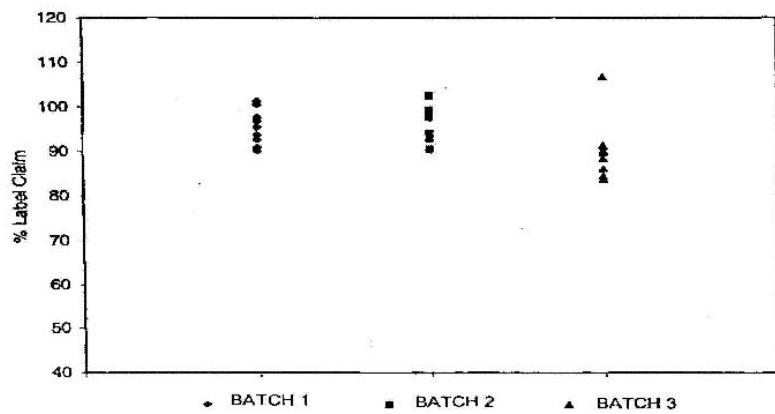


Figure 6.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8172/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : THREE DIMENSIONAL ANTENNA

(51) International classification	:H01Q 1/08
(31) Priority Document No	:61/171,110
(32) Priority Date	:21/04/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031066
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/123733
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAYER MATERIALSCIENCE AG

Address of Applicant :51368 LEVERKUSEN, GERMANY

(72)Name of Inventor :

1)ANDREAS EDER

2)WILFRIED HEDDERICH

3)THOMAS WAGNER

4)MADS SAGER

(57) Abstract :

An antenna shape can be inked onto a thin film and then the thin film can be shaped to form a three dimensional (3D) flex-film. The 3D flex-film can then be integrated into a carrier using conventional molding processes. The resultant housing includes a carrier that supports the 3D flex-film on an inner or outer surface of the carrier. The resultant housing thus allows for improved integration of an antenna with a housing so as to provide a more desirable housing for devices that can benefit from the corresponding antenna, such as, but not limited to, mobile devices.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8200/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SEAT FRAME AND METHOD OF FORMING USING A LASER WARMED ADHESIVE

(51) International classification	:B23K 26/00
(31) Priority Document No	:61/171,117
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031918
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/124006
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JOHNSON CONTROLS TECHNOLOGY COMPANY

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(72)Name of Inventor :

1)DANIEL JAMES SAKKINEN

2)NICHOLAS LEONARD PETOUHOFF

3)ANTHONY KESTIAN

4)ERIC MICHALAK

(57) Abstract :

A seat frame for use in a vehicle having a first seat frame member and a second seat frame member is provided. At least one of the first seat frame member and the second seat frame member has an adhesive positioned thereon. The adhesive is curable by heat generated by a diffused laser beam from a laser welder. A portion of the first seat frame member and a portion of the second seat frame member are positioned adjacent one another, such that a joint is formed and the adhesive is positioned between the portion of the first seat frame member and the portion of the second seat frame member. The seat frame is configured such that the diffused laser beam can be directed at the joint to heat the adhesive and thereby form a bond between the first seat frame member and the second seat frame member.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8201/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DEVICE FOR PRODUCING ELECTRICITY FOR A SUBMARINE COMPRISING A FUEL CELL

(51) International classification	:H01M 8/00
(31) Priority Document No	:0952602
(32) Priority Date	:21/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050764
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/122269
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DCNS

Address of Applicant :40-42 RUE DU DOCTEUR FINLAY,
F-75015 PARIS, FRANCE

(72)Name of Inventor :

1)SYLVAIN RETHORE

(57) Abstract :

The invention relates to a submarine comprising a device for producing electricity including a fuel cell, means for feeding oxygen gas, means for feeding hydrogen fuel, and means for discharging the gas effluents, characterized in that the fuel cell (24) is an internal reforming cell operating at a high temperature and pressure (P), the operating pressure being greater than or equal to a submerged pressure (P0) of the submarine (2), in that the oxygen gas (11) feeding means and the hydrogen fuel feeding means (15, 115) are capable of bringing the oxygen gas and the hydrogen fuel to a pressure adapted to the operating pressure, and in that the effluent (20,220) discharge means are capable of discharging the effluents outside the submarine during diving.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8202/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PENDANT HAVING AN INDIVIDUALIZING ELEMENT'

(51) International classification	:A44C 25/00
(31) Priority Document No	:20 2009 005 895.6
(32) Priority Date	:22/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055402
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/122130
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KARL-OTTO NICKEL

Address of Applicant :GROSSE KLINGERGASSE 9, 94032
PASSAU, GERMANY

(72)Name of Inventor :

1)KARL-OTTO NICKEL

(57) Abstract :

Pendant 1 having a base body 4 with a front side 2 and a back side 3 and an element individualizing the pendant arranged on the base body 4, such that the element individualizing the pendant is designed as a lenticular object 5. (Fig. 1)

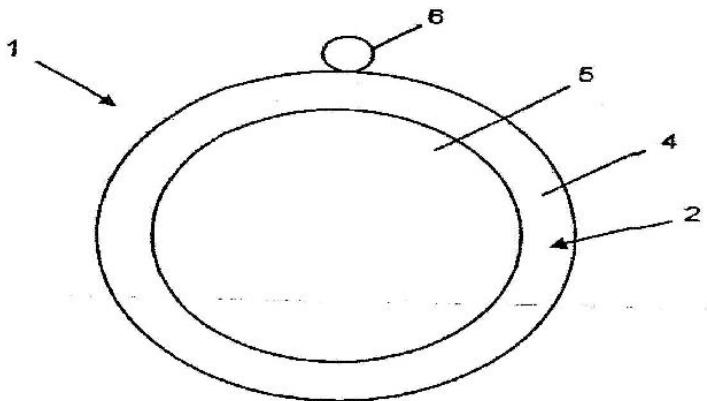


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8203/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AUTOMATED CELL CULTURE SYSTEM AND PROCESS

(51) International classification	:C12N
(31) Priority Document No	:61/488,068
(32) Priority Date	:17/07/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/023222
Filing Date	:19/07/2004
(87) International Publication No	:WO 2005/010162
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:370/DELNP/2011
Filed on	:20/01/2006

(71)**Name of Applicant :**

1)GLOBAL CELL SOLUTIONS, LLC

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CHARLOTTESVILLE, VIRGINIA 22903, UNITED STATES
OF AMERICA

(72)**Name of Inventor :**

1)ROBIN A. FELDER

2)JOHN J. GILDEA

(57) Abstract :

An engineered microcarrier suitable for the automated growth of cells comprising a hydrogel composition capable of providing a substrate that will support the growth of cells in culture, wherein said gel composition further comprises at least one material which imparts a magnetic dipole, is a magnetic particle, or a paramagnetic particle and renders the microcarrier responsive to at least one physical force, and wherein the microcarrier has optical clarity, has low autofluorescence relative to the autofluorescence inherent in the cells, is dissolvable without the use of an enzyme, and has a surface coating that will promote or enhance cell adhesion

No. of Pages : 58 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8189/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HOUSING OR HOUSING PART FOR A CONTROL DEVICE OF A MOTOR VEHICLE

(51) International classification	:H05K 5/02
(31) Priority Document No	:10 2009 003 284.3
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/053705
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/133389
(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)HAEBERLIN, MARKUS

2)OIRSOUW, HARRIE

3)LEONARD, PETER

4)DOGAN, KENAN

(57) Abstract :

Described herein is a housing (10) or a housing part (11) for a control device of a motor vehicle. The housing (10) or the housing part (11) includes a surface structure (22) deviating at least partly from a flat plane. The surface structure (22) includes a plurality of planes (24, 26; 30, 32, 34) whose superficial dimensions are substantially equally large.

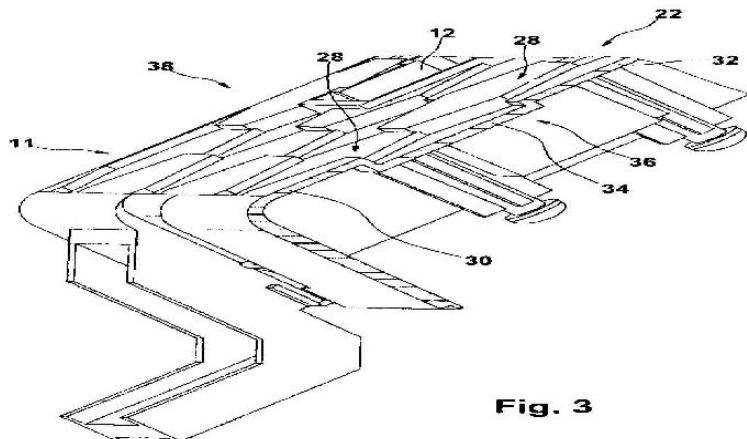


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8190/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ATTACHMENT DEVICE FOR CONNECTING A WIPER ARM TO A WIPER BLADE

(51) International classification	:B60S 1/40
(31) Priority Document No	:10 2009 002 783.1
(32) Priority Date	:04/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/053075
Filing Date	:11/03/2010
(87) International Publication No	:WO 2010/127888
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, STUTTGART
70442 GERMANY

(72)Name of Inventor :

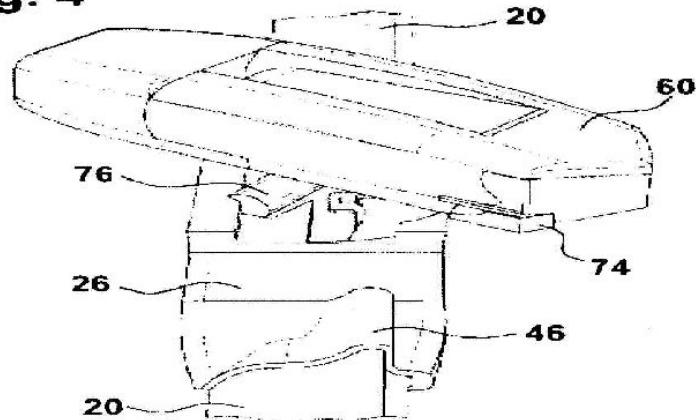
1)AZNAG, MOHAMED

2)DEPOND'T, HELMUT

(57) Abstract :

Described herein is an attachment device (10) for connecting a wiper arm to a wiper blade (12). The attachment device (10) includes an attachment element (22) rigidly connected to the wiper blade (12); and an adapter (60) connected to the attachment element (22) in an articulated manner and fastened to the wiper arm in a detachable manner. The attachment element (22) and the adapter (60) are produced from plastic. The adapter (60) has a longitudinal bar (74) that supports a bearing pin (76). The longitudinal bar (74) and the bearing pin (76) protrude to a certain extent beyond side walls (62) of the adapter (60) to the attachment element (22). A part of the longitudinal bar (74) protruding towards an attachment part (26) is guided between two contact surfaces (80). The longitudinal bar (74) is rotated at an angle (a) about a vertical axis between the contact surfaces (80) for assembly.

Fig. 4



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8193/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : STRUCTURE OF THE C-TERMINAL REGION OF THE INSULIN RECEPTOR α -CHAIN AND OF THE INSULIN-LIKE GROWTH FACTOR RECEPTOR α -CHAIN

(51) International classification	:G01N 33/68	(71) Name of Applicant :
(31) Priority Document No	:61/214,472	1)THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH
(32) Priority Date	:22/04/2009	Address of Applicant :1G ROYAL PARADE, PARKVILLE, MELBOURNE, VICTORIA 3052, AUSTRALIA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(□6) International Application No	:PCT/AU2010/000271	1)LAWRENCE, MICHAEL, COLIN 2)SMITH, BRIAN, JOHN 3)MENTING, JOHN, GERBRANDT, TASMAN 4)WARD, COLIN, WESLEY
Filing Date	:09/03/2010	
(87) International Publication No	:WO 2010/121288	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates generally to structural studies of the insulin binding site of the insulin receptor (IR) and the insulin-like growth factor 1 receptor (IGF-IR). More particularly, the present invention relates to the crystal structure of the low affinity insulin binding site of the IR ectodomain comprising the C-terminal region of the IR α -chain, as well as the corresponding region of IGF-IR, and to methods of using the crystal and related structural information to screen for and design compounds that interact with or modulate the function of IR and/or IGF-IR.

No. of Pages : 576 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8195/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ROTATING ELECTRIC MACHINE IN PARTICULAR DOUBLE-FED ASYNCHRONOUS MACHINE IN THE PERFORMANCE RANGE BETWEEN 20 MVA AND 500MVA

(51) International classification	:H02K 1/28
(31) Priority Document No	:10 2009 018 549.6
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2010/055153 :20/04/2010
(87) International Publication No	:WO 2010/122000
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SERDAR CIFYILDIZ

3)HANSPETER WALSER

4)BRUNO MEYER

5)RICARDO OKAI

(57) Abstract :

The invention relates to a rotating electric machine, especially a double-fed asynchronous machine in the power range from 20 to 500 MVA, which comprises a rotor rotating about an axis and being concentrically surrounded by a stator, whereby the rotor has a rotor lamination stack (14) made up of sheets, which are pressed into a composite assembly in the axial direction, said rotor lamination stack (14) being subdivided in the radial direction into an inner mechanical part (14b) and an outer electrical part (14a), and accommodating a rotor winding (18) within said electrical part (14a). In such a machine, the axial clamping of the rotor lamination stack is optimized in that the rotor lamination stack (14) is pressed in the mechanical part (14b) by means of shear bolts (22) axially reaching through said rotor lamination stack (14), and in the electrical part (14a) by means of further bolts (21). (Fig. 2)

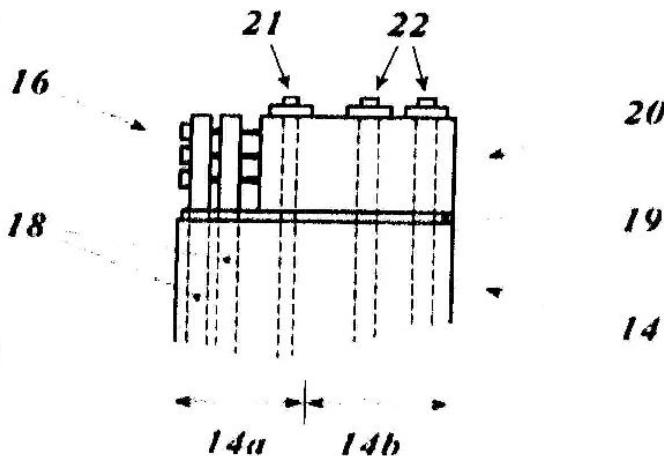


Fig.2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8214/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : IMPROVED AIR DECONTAMINATION DEVICE AND METHOD

(51) International classification	:A61L 2/14
(31) Priority Document No	:0904978.4
(32) Priority Date	:24/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000346
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/109160
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TRI-AIR DEVELOPMENTS LIMITED

Address of Applicant :5 NEW STREET SQUARE, LONDON EC4A 3TW (GB) U.K.

(72)Name of Inventor :

1)MOLE, ALAN

(57) Abstract :

An apparatus for the decontamination of air, the apparatus comprising a housing (1) having an air inlet (4) and an air outlet (6) with an air passage (2) there between, means (20) for directing a stream of air through the housing, the housing containing a non-thermal plasma cell (30), an ultraviolet emitting device (40) and an ozone depletion catalyst (42), the non- thermal plasma comprising an anode (32), a dielectric (32) and a cathode (33), the cathode being in the form of a meshed enclosure which surrounds the ultraviolet emitting device and ozone depletion catalyst to form a reaction chamber and Faraday cage. The non-thermal plasma cell may also be provided as a columnar cell for forming an array of cells and the dielectric may comprise water droplets to improve the efficiency of the device.

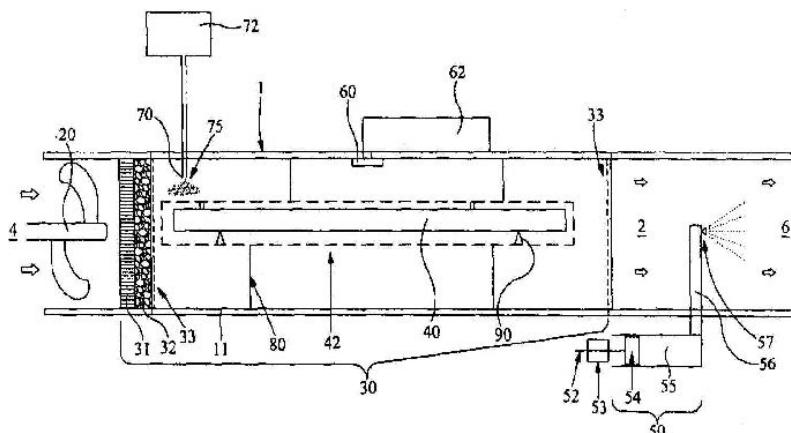


Fig 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8205/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF ERLOTINIB OR ITS PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

(51) International classification	:C07D 239/94	(71) Name of Applicant : 1)RANBAXY LABORATORIES LIMITED Address of Applicant :12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI-110019, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/IB2010/051343	(72) Name of Inventor : 1)BALAGURU MURUGESAN ; ANANDAM VEMPALI ; SWARGAM SATHYANARAYANA ; RAJESH KUMAR THAPER ; MOHAN PRASAD
Filing Date	:26/03/2010	
(87) International Publication No	:WO 2010/109443	
(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 preparation of erlotinib of Formula I or its pharmaceutically acceptable salt thereof. The present invention also relates to process for the preparation of erlotinib trifluoroacetate. The present invention also relates to a novel Crystalline form of erlotinib trifluoroacetate designated as Form E and process for its preparation. The present invention further relates to process for the preparation of erlotinib hydrochloride from erlotinib trifluoroacetate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8206/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : RANDOM TILE INSTALLATION USING NON-RANDOM INSTALLATION TECHNIQUE

(51) International classification	:A47G 27/02
(31) Priority Document No	:61/182,807
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036382
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/141314
(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)HUSSMANN, GLEN

(57) Abstract :

A method of manufacturing a modular textile system comprises dividing a textile web into a plurality of frames, each frame defining a carpet tile to be formed from the textile web, providing each frame with an indicium, and forming the textile web into a plurality of carpet tiles. The indicium may comprise at least one of a variously oriented indicium and a variously positioned indicium for indicating the orientation of each carpet tile in an installation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8207/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF ALCOHOLS

(51) International classification	:C13K 1/02
(31) Priority Document No	:0907879.1
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000791
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/128272
(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)WEYDAHL, KARL, RAGNAR

(57) Abstract :

The invention provides a process for alcohol production from a cellulosic material wherein a said cellulosic material is subjected to acid hydrolysis to yield an aqueous hydrolysate, said hydrolysate is introduced into a separator at a hydrolysate inlet, an extraction solvent is introduced into said separator at at least two extraction solvent inlets, a residue containing oligosaccharides is removed from said separator at a residue discharge outlet, and acid-containing extraction solvent is removed from said separator at an extraction solvent discharge outlet, wherein removal of said extraction solvent from said separator through said discharge outlet occurs downstream of at least one said extraction solvent inlet and upstream of at least one other said extraction solvent inlet.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8208/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BOILER FOR A MACHINE FOR PREPARING BEVERAGES

(51) International classification	:A47J 31/54
(31) Priority Document No	:0952614
(32) Priority Date	:21/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055149
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/121998
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(FR) France

(72)Name of Inventor :

1)BLANC, JEAN-PIERRE

2)GOERING, ALAIN

(57) Abstract :

The invention relates to a boiler for a machine for preparing beverages, wherein a fluid is brought to a pressure of at least 8 bars, including at least one diffuser (1) having a first wall (2) to be placed in contact with the fluid to be heated, a second wall (3) opposite the first wall (2) and provided with at least one heating element, at least one body (5) defining, together with the first wall (2) of the diffuser (1), at least one heating chamber, wherein the heating element is a screen-printed or photoengraved resistor. Said boiler has a deformation chamber (7). The chamber is arranged such that, when subjected to the pressure in the heating chamber, the diffuser (1) elastically deforms in the deformation chamber (7) so as at least partially to absorb the pressure force.

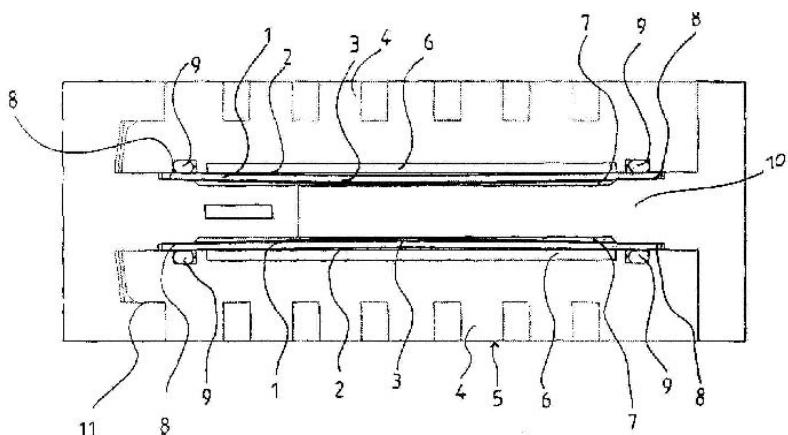


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8209/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD OF PRODUCING A LIPOLYTIC ENZYME

(51) International classification	:C12N 9/20
(31) Priority Document No	:61/172,272
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051802
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/122531
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MADRID, SUSAN M

2)LIN, CHERRY

3)ZARGAHI, MASOUD RAJABI

4)LORENTSEN, RIKKE HOEGH

5)ISAKSEN, MAI FAURSCHOU

6)WARD, MICHAEL

(57) Abstract :

The present invention relates to a method for the production of a lipolytic enzyme in Trichoderma reesei and the lipolytic enzyme obtainable therefrom. In addition, the present invention relates to the use of Trichoderma to express a lipolytic enzyme.

No. of Pages : 114 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8144/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CONTEXT-BASED STATE CHANGE FOR AN ADAPTIVE INPUT DEVICE

(51) International classification	:G06F 3/02
(31) Priority Document No	:12/426,848
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031104
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/123736
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MICROSOFT CORPORATION

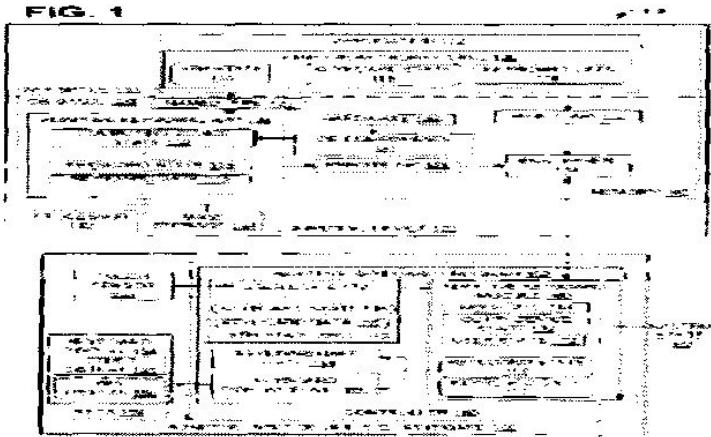
Address of Applicant :ONE MICROSOFT WAY,
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OF AMERICA

(72)**Name of Inventor :**

**1)BALL, VINCENT
2)STRANDE, HAKON
3)YOUNG, ROBERT D
4)MAIL, SCOTT M**

(57) Abstract :

Various embodiments of systems and methods to implement a context-based state change for an adaptive input device are provided. For example, a method is disclosed that may include receiving a state input indicating a change in a system state, changing adaptive input device data in response to the state input, the adaptive input device data including one or more of image data or adaptive input device mapping data, and adjusting an adaptive input device display state using the adaptive input device data. Adjusting the adaptive input device display state may include one or more of displaying the image data on an adaptive input device display or adjusting an adaptive input device mapping state according to the adaptive input device mapping data.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8145/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A STABLE IRON OLIGOSACCHARIDE COMPOUND

(51) International classification	:A61K 47/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/DK2009/050069
Filing Date	:25/03/2009
(87) International Publication No	:WO 2010/108493
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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DK-4300 HOLBAEK, DENMARK

(72)Name of Inventor :

1)ANDREASEN, HANS

(57) Abstract :

The invention relates to an iron oligosaccharide compound with improved stability comprising a hydrogenated oligosaccharide in stable association with ferric oxyhydroxide, the content of dimer saccharide in said hydrogenated oligosaccharide being 2.9 % by weight or less, based on the total weight of the hydrogenated oligosaccharide. In further aspects is provided a process for preparing said compound as well as the use of said compound for preparation of a composition for treatment of iron deficiency anaemia.

No. of Pages : 24 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8146/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : IMPROVED BIODEGRADABLE POLYMERS

(51) International classification	:C08G 63/08
(31) Priority Document No	:61/162,653
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028265
Filing Date	:23/03/2010
(87) International Publication No	:WO 2010/111238
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MICELL TECHNOLOGIES, INC.

Address of Applicant :801 CAPITOLA DRIVE, DURHAM, NC 27713-4384 (US) U.S.A.

(72)**Name of Inventor :**

1)TAYLOR, DOUGLAS

2)MCCLAIN, JAMES B.

3)SCHMITT, EDWARD

(57) Abstract :

Provided herein is a composition comprising a poly(alpha-hydroxycarboxylic acid) substantially free of acidic impurities wherein the poly(alpha-hydroxycarboxylic acid) is selected from poly(D,L-lactic-co-glycolic acid), poly(L-lactic acid), poly(D-lactic acid) and poly(D,L-lactic acid). Also provided is a device comprising: a substrate, and a coating wherein the coating comprises poly(D,L-lactic-co-glycolic acid) substantially free of acidic impurities.

No. of Pages : 99 No. of Claims : 161

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8147/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PERIPHERAL STENTS HAVING LAYERS

(51) International classification	:A61F 2/82
(31) Priority Document No	:61/162,569
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028195
Filing Date	:22/03/2010
(87) International Publication No	:WO 2010/111196
(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 :801 CAPITOLA DRIVE, DURHAM, NC 27713-4384 (US) U.S.A.

(72)Name of Inventor :

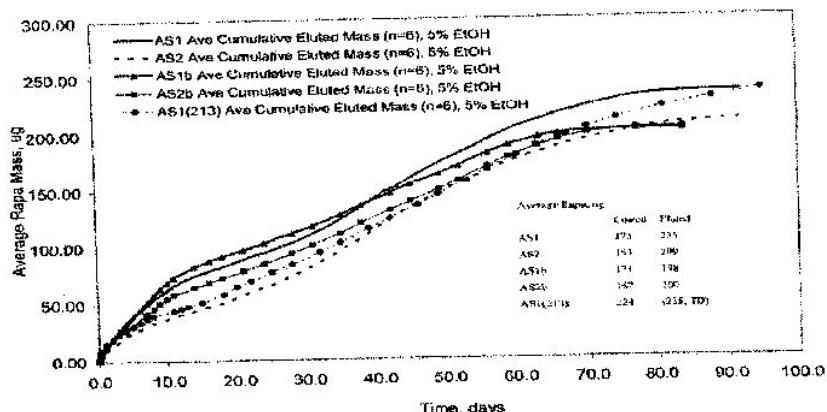
1)MCCLAIN, JAMES B.

2)TAYLOR, DOUGLAS

(57) Abstract :

Provided herein is a coated coronary stent, comprising: a. stent; b. a plurality of layers deposited on said stent to form said coronary stent; wherein at least one of said layers comprises a bioabsorbable polymer and at least one of said layers comprises one or more active agents; wherein at least part of the active agent is in crystalline form. Fig. 1

FIG. 1



No. of Pages : 151 No. of Claims : 151

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8148/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DRUG DELIVERY MEDICAL DEVICE

(51) International classification	:A61M 37/00
(31) Priority Document No	:61/162,558
(32) Priority Date	:23/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028253
Filing Date	:23/03/2010
(87) International Publication No	:WO 2010/111232
(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)NEET, JOHN

2)TAYLOR, DOUGLAS

3)MCCLAIN, JAMES B.

(57) Abstract :

Provided is a coated implantable medical device, comprising: a substrate; and a coating disposed on said substrate, wherein said coating comprises at least one polymer and at least one pharmaceutical agent in a therapeutically desirable morphology and/or at least one active biological agent and optionally, one or more pharmaceutical carrying agents; wherein substantially all of pharmaceutical agent and/or active biological agent remains within said coating and on said substrate until the implantable device is deployed at an intervention site inside the body of a subject and wherein upon deployment of said medical device in the body of said subject a portion of said pharmaceutical agent and/or active biological agent is delivered at said intervention site along with at least a portion of said polymer and/or a at least a portion of said pharmaceutical carrying agents.

No. of Pages : 278 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8215/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FILM FOR PRODUCTION OF COMPOSITE-MATERIAL ARTEFACTS, PRODUCTION METHOD OF SAID FILM AND PRODUCTION METHOD OF COMPOSIT MATERIAL ARTEFACTS USING SAID FILM

(51) International classification	:B29C 70/32	(71) Name of Applicant :
(31) Priority Document No	:TV2009A 000056	1)A. PERUZZA S.R.L.
(32) Priority Date	:23/03/2009	Address of Applicant :VIA PORTELLE, 1 MARENO DI
(33) Name of priority country	:Italy	PIAVE, ITALY.
(86) International Application No	:PCT/EP2010/053768	(72) Name of Inventor :
Filing Date	:23/03/2010	1)PERUZZA PAOLO
(87) International Publication No	:WO 2010/108916	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A resin constraint film (1) to be used in production of composite material artefacts (2); the constraint film (1) being formed by a supporting film (6) made of biaxially oriented polypropylene, by an intermediate layer (7) of release chemical product that coats the front face (6a) of the supporting film (6) intended to come into contact with the semi-finished product (2') which will give rise to the composite material artefact (2), and by a surface layer (8) of metal coating material applied onto the intermediate layer (7) via vacuum vaporisation deposition.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8216/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : GAS MIST PRESSURE BATH DEVICE

(51) International classification	:A61H 33/02	(71) Name of Applicant :
(31) Priority Document No	:NA	1)NAKAMURA SHOICHI
(32) Priority Date	:NA	Address of Applicant :1468, HIGASHIJO, CHIKUHOKUMURA, HIGASHICHIKUMA-GUN, NAGANO 3997502 JAPAN
(33) Name of priority country	:NA	2)ACP JAPAN CO., LTD.
(86) International Application No	:PCT/JP2009/063956	(72) Name of Inventor :
Filing Date	:06/08/2009	1)NAKAMURA SHOICHI
(87) International Publication No	:WO 2010/016125	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is to provide a gas mist pressure bath device, which causes to contact carbon dioxide, oxygen or a mixed gas of carbon dioxide and oxygen to the skin or mucous membrane of the head of a living body at pressure higher than a predetermined value for efficiently enabling skin-pass absorption. This device is to cause oxygen, carbon dioxide or a mixed gas of oxygen and carbon dioxide at density higher than a predetermined value to contact the skin or mucous membrane of the head of the living body, and is composed of a gas mist generation means 11 of generating and supplying a mist prepared by pulverizing and dissolving gas and liquid; a compressed air supply means 12 of supplying compressed air; and a living body mask member 13 shaped for covering the head of the living body, having a first sealed layer 14 which is connected to the gas mist generation means 11 and to the compressed air supply means 12, and having a second sealed layer 15 for sealing compressed air supplied from the compressed air supply means 12, so that the gas mist is caused to contact to the skin or mucous membrane of the head of the living body by the second sealed layer 15 at pressure higher than a predetermined value.

No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8232/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD OF MANUFACTURING A LIFT TRANSMITTING COMPONENT

(51) International classification	:F01L 1/14
(31) Priority Document No	:10 2009 032 143.8
(32) Priority Date	:08/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/059562
Filing Date	:05/07/2010
(87) International Publication No	:WO 2010/003865
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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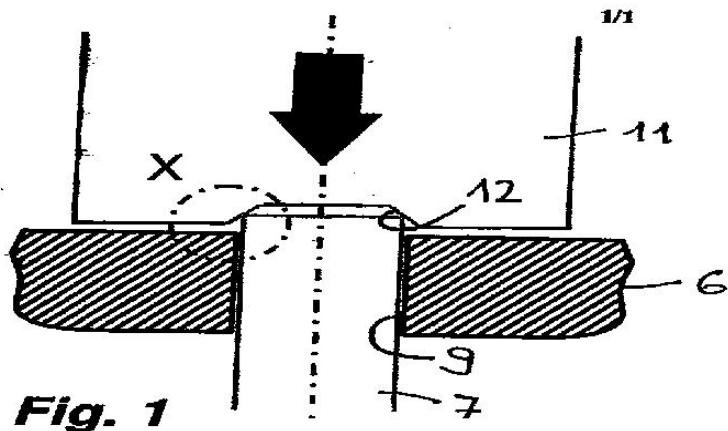
(72)Name of Inventor :

1)PETER KARES

2)MARCO MEISBORN

(57) Abstract :

The invention proposes a method of manufacturing a lift transmitting component (2), particularly for a gas exchange valve train or a fuel pump drive of an internal combustion engine (1), said lift transmitting component comprising a housing (6), a bearing pin (7) fixed in a reception bore (9) of the housing (6) and a roller (8) mounted through a sliding or a rolling bearing on the bearing pin (7), said bearing pin being core-hardened over an entire axial length to a core hardness of at least 650 HV, and pin ends (10) of the core-hardened bearing pin being radially widened relative to the reception bore for enabling a connection of the bearing pin (7) to the housing (6) through positive engagement. The hardness of the bearing pin is at the most 780 HV, the radial widening of one of the pin ends being realized with help of a shaping die (11) which travels axially parallel to the bearing pin (7) and applies a force to the pin end in a transition region between a periphery and a front end surface of the bearing pin. Figure 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8233/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD OF STIMULATING ETHANOL PRODUCTION AND GROWTH OF AQUATIC PLANTS

(51) International classification	:C12P 7/06
(31) Priority Document No	:12/437,333
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033335
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/129449
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)AQUATECH BIOENERGY LLC

Address of Applicant :908 S. FAWN CT., SIOUX FALLS, SD 57110, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)TONY A. HAGEN

(57) Abstract :

A method of stimulating ethanol production and growth of aquatic plants includes the steps of placing aquatic plants in a cell containing water and creating an anoxic condition within the pool to initiate an anaerobic process by the aquatic plants. The aquatic plants increase in size and release ethanol by metabolism of stored carbohydrates during the anaerobic process. An oxygenated condition is then created within the cell to initiate an aerobic process. The aquatic plants create and store carbohydrates during the aerobic process. The steps of creating anoxic and oxygenated conditions are repeated to stimulate increased aquatic plant size and to increase the release of ethanol.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8210/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : LOCAL IP ACCESS THROUGH A FEMTO BASE STATION

(51) International classification	:H04W 76/02
(31) Priority Document No	:61/171,926
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2010/051758
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/122511
(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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Sweden

(72)Name of Inventor :

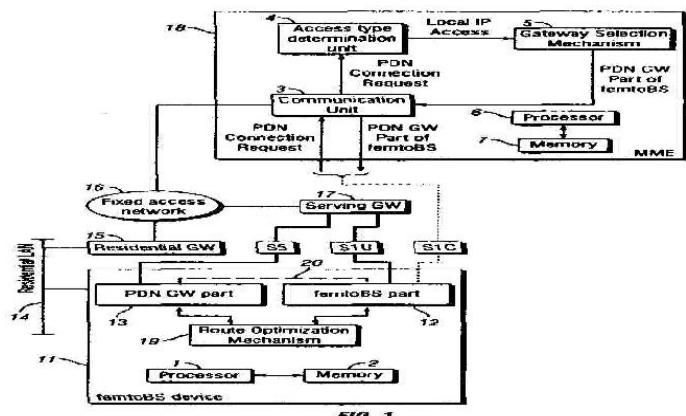
1)TURANYI, ZOLTAN RICHARD

2)MIHALY, ATTILA

3)MIKLOS, GYORGY

(57) Abstract :

A method, femto Base Station, and network service node for connecting a User Equipment UE, to local devices in a local network. The femtoBS includes a femtoBS part and a Packet Data Network Gateway, PDN-GW, part comprising a subset of PDN-GW functions. The UE sends a PDN connection request that includes a special Access Point Name, APN, which indicates the request to for local IP access. The network service node, such as a Mobility Management Entity, MME1 includes a gateway selection mechanism that, based on the special APN1 selects the PDN GW part of the femtoBS device to serve the connection. A route optimization function in the femtoBS shortcuts the traffic between the femtoBS part and the PDN GW part, providing direct access to the local network. The UE may access the Internet through a residential gateway in the local network and a fixed access connection.



No. of Pages : 41 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8242/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPUTER-SUPPORTED ENERGY CONSUMPTION MONITORING OF A MEANS OF TRANSPORTATION

(51) International classification	:G01D 4/00
(31) Priority Document No	:10 2009 023 304.0
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056646
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/136343
(61) 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 MUNCHEN, GERMANY

(72)Name of Inventor :

1)HAAF; STEFAN

2)KESSNER; MARTIN

(57) Abstract :

The invention relates to a method and arrangement allowing a determination of the energy consumption of a means of transportation per section of the route, in urban traffic, for example. In an embodiment, current energy consumption data is compared to reference data from a fleet of transportation means. The result is visually conveyed to the driver to allow him an interpretation of the energy consumption and to provide motivation for energy-saving driving behavior. An evaluation of the energy consumption data relative to the route allows specific feedback, for example, that the driver has achieved an energy-saving best value for a section of the route. The gathered data can also be used to pay bonuses or to initiate training measures. FIG: 2

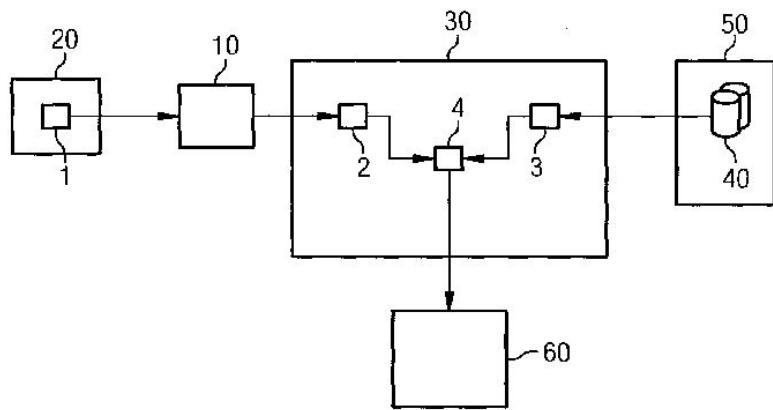


Fig: 2

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8245/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A METHOD FOR PRINTING WATER-SOLUBLE FILM

(51) International classification	:B65B 61/02
(31) Priority Document No	:61/179,390
(32) Priority Date	:19/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035108
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/135238
(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 :ONE PROCTER & GAMBLE PLAZA,
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(72)Name of Inventor :

1)CONTENT, STEPHANE

2)DENOME, FRANK, WILLIAM

(57) Abstract :

A method for on-line printing onto water-soluble film on-line with water-soluble detergent pouch process.

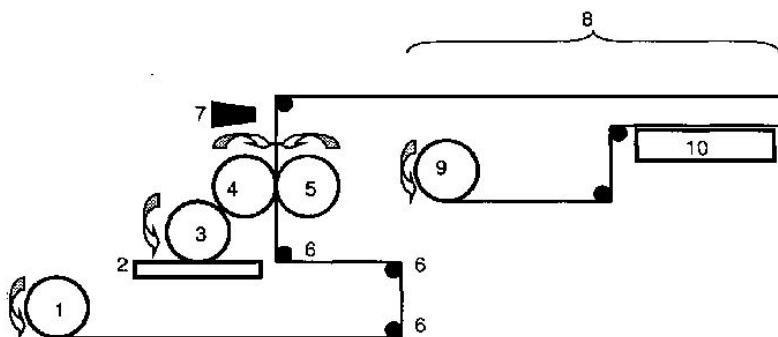


Figure 1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8247/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HARQ FEEDBACK CHANNEL INDEXING SCHEME IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification	:H04B 7/26
(31) Priority Document No	:61/173,204
(32) Priority Date	:28/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/032808 :28/04/2010
(87) International Publication No	:WO 2010/129353
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)INTEL CORPORATION

Address of Applicant :2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CALIFORNIA 95052, UNITED STATES OF AMERICA

(72)Name of Inventor :

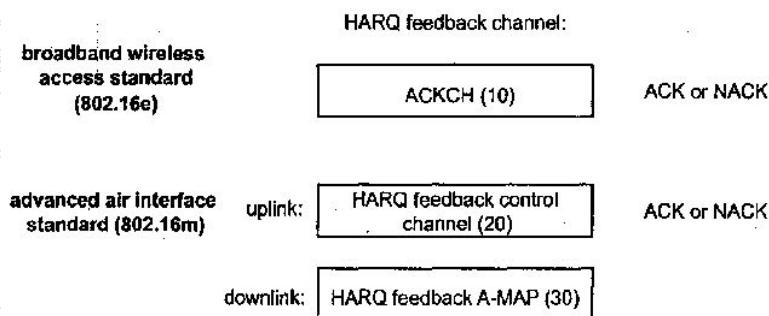
1)ZHANG, YUJIAN

2)HSUAN, YI

(57) Abstract :

An enhanced semi-explicit solution for HARQ feedback channel indexing in wireless communication systems is disclosed. The HARQ feedback channel indexing method may be applied to the HARQ feedback channel transmitted in the downlink, as well as the HARQ feedback channel transmitted in the uplink.

Figure 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8248/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A FLYWHEEL

(51) International classification	:F16F 15/30
(31) Priority Document No	:0905345.5
(32) Priority Date	:27/03/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000591
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/109209
(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 :SHOREHAM TECHNICAL CENTRE,
OLD SHOREHAM ROAD, SHOREHAM-BY-SEA, WEST
SUSSEX BN43 5FG, UNITED KINGDOM

(72)Name of Inventor :

1)ATKINS, ANDREW

(57) Abstract :

The invention relates to a method for manufacturing a flywheel for energy storage, specifically a method for finely balancing the flywheel during manufacture, the method being especially useful in conjunction with flywheels having a composite construction, and the method also being suitable for simultaneously proving the structural integrity of the flywheel.

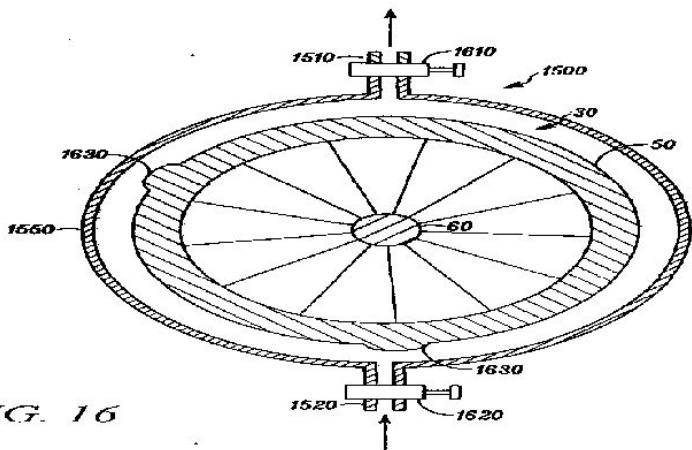


FIG. 16

No. of Pages : 74 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8249/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSPORTATION USING A MAGNETIC BEARING STRUCTURE

(51) International classification	:H01F 37/00	(71)Name of Applicant :
(31) Priority Document No	:61/163,778	1)STUDER, PHILIP, ALBERT
(32) Priority Date	:26/03/2009	Address of Applicant :3126 GRACEFIELD FIELD, APT.
(33) Name of priority country	:U.S.A.	209, SILVER SPRING, MD 20904, U.S.A.
(86) International Application No	:PCT/US2010/028746	2)SHAPERY, SANDOR, WAYNE
Filing Date	:25/03/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/111549	1)STUDER, PHILIP, ALBERT
(61) Patent of Addition to Application Number	:NA	2)SHAPERY, SANDOR, WAYNE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for transportation using a magnetic bearing structure (100) is disclosed. In one aspect, an apparatus for carrying a load comprises a source of magnetic flux (104) and a controller (225) configured to control the position of the source of magnetic flux (104) relative to a magnetizable structure (220). The source of magnetic flux (104) comprises a first upper portion and a first lower portion of opposite polarities. The first portions are spaced apart horizontally from a first side of the magnetizable structure (220). The source of magnetic flux further comprises a second upper portion and a second lower portion of opposite polarities. The second portions are spaced apart horizontally from a second side of the magnetizable structure. The second side is opposite the first side. The first and second upper portions are magnetically attracted to an upper portion of the magnetizable structure and the first and second lower portions are magnetically attracted to a lower portion of the magnetizable structure.

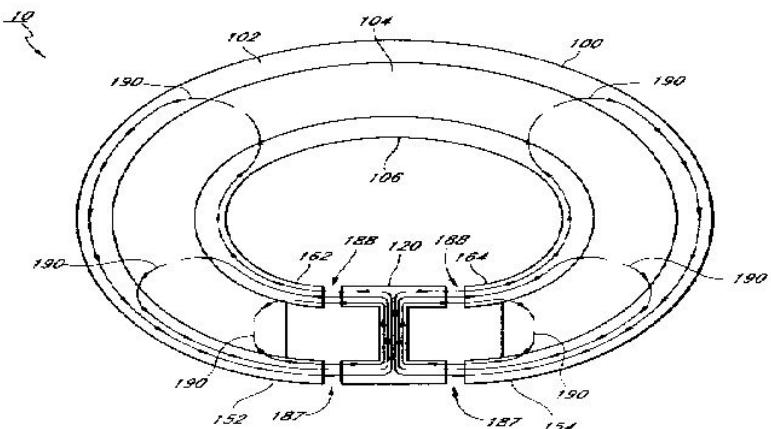


FIG. 1B

No. of Pages : 28 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8150/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ORAL COMPOSITION'

(51) International classification	:A61K 8/81
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/044336
Filing Date	:18/05/2009
(87) International Publication No	:WO 2010/134903
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COLGATE-PALMOLIVE COMPANY

Address of Applicant :300 PARK AVENUE, NEW YORK,
NY 10022 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)PILCH SHIRA

2)WILLIAMS MALCOLM

(57) Abstract :

The present invention provides an oral composition comprising a polymer attached to a sweetening agent via a cleavable linker, wherein the polymer is capable of attaching to a surface in an oral cavity, and the cleavable linker is cleavable in the oral cavity to release the sweetening agent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8151/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ORAL COMPOSITIONS CONTAINING POLYGUANIDINIUM COMPOUNDS AND METHODS OF MANUFACTURE AND USE THEREOF

(51) International classification	:A61K 6/027	(71) Name of Applicant :
(31) Priority Document No	:NA	1)COLGATE-PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 PARK AVENUE, NEW YORK,
(33) Name of priority country	:NA	NY 10022 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2009/044349	(72) Name of Inventor :
Filing Date	:18/05/2009	1)NOWAK ANDREW
(87) International Publication No	:WO 2010/134904	2)PILCH SHIRA
(61) Patent of Addition to Application Number	:NA	3)MASTERS JIM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes the modification of polyamine-based materials to form polyguanidine compounds that are useful for their antimicrobial, anticaries, and muccoadhesive properties. The present invention also relates to methods for preventing or treating periodontal disease and caries which include delivering a therapeutically effective amount of an oral composition containing a polyguanidine compound into an oral cavity.

No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8152/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : YIELD ENHANCEMENT IN PLANTS BY MODULATION OF AP2 TRANSCRIPTION FACTOR

(51) International classification	:C07K 14/415
(31) Priority Document No	:61/175,087
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033475
Filing Date	:04/05/2010
(87) International Publication No	:WO 2010/129501
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)PIONEER HI-BRED INTERNATIONAL INC.

Address of Applicant :7100 N.W. 62ND AVENUE,
JOHNSTON, IOWA 50131-1014, UNITED STATES OF
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(72)**Name of Inventor :**

1)BATE NICHOLAS J.

2)CHUNG JENNIFER YOUJIN

3)HABBEN JEFFREY E.

(57) Abstract :

Compositions and methods for modulating flower organ development, leaf formation, phototropism, apical dominance, fruit development, initiation of roots and for increasing yield in a plant are provided. The compositions include an AP2 transcription factor sequence. Compositions of the invention comprise amino acid sequences and nucleotide sequences selected from SEQ ID NOS: 1-11 as well as variants and fragments thereof. Nucleotide sequences encoding the AP2 transcription factors are provided in DNA constructs for expression in a plant of interest are provided for modulating the level of an AP2 transcription factor sequence in a plant or a plant part are provided. The methods comprise introducing into a plant or plant part a heterologous polynucleotide comprising an AP2 transcription factor sequence of the invention. The level of the AP2 transcription factor polypeptide can be increased or decreased. Such method can be used to increase the yield in plants; in one embodiment, the method is used to increase grain yield in cereals.

No. of Pages : 64 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/10/2011

(21) Application No.8153/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PRION-FREE NANOPARTICLE COMPOSITIONS AND METHODS

(51) International classification	:G01N 33/53
(31) Priority Document No	:
(32) Priority Date	: -
(33) Name of priority country	:Not Selected
(86) International Application No	:PCT/US2010/031197
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/121000
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)ABRAXIS BIOSCIENCE LLC

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SUITE 2000, LOS ANGELES, CA 90025, UNITED STATES OF
AMERICA

(72)**Name of Inventor :**

1)DESAI NEIL P.

2)PEYKOV VIKTOR

3)SOON-SHIONG PATRICK

(57) Abstract :

The present invention provides prion-free compositions comprising nanoparticles comprising albumin and substantially water insoluble drugs. Also provided are methods of making prion-free compositions and methods of removing prion proteins from the nanoparticle compositions. Methods of using the compositions, as well as kits useful for carrying out the methods are also provided.

No. of Pages : 154 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8259/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AN AIR FILTER GROUP FOR MOTOR VEHICLE AND A FILTER ELEMENT

(51) International classification	:F02M 35/024
(31) Priority Document No	:RE2009A000041
(32) Priority Date	:27/04/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/054898
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/124934
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)UFI FILTERS S.P.A.

Address of Applicant :26, VIA EUROPA, I-46047 PORTO MANTOVANO (MANTOVA), ITALY

(72)Name of Inventor :

1)GIRONDI, GIORGIO

(57) Abstract :

An air filter group (10) for motor vehicles comprise a box body (11), provided with at least an air inlet opening and an air outlet opening, and further comprises a filter element destined to be located internally of the box body (11), in which the air outlet opening is conformed such as to receive the filter element from the outside of the box body (11), and in that the filter element exhibits a seal (16) on an end side thereof, the seal being provided with a border destined to be at least partially rested on the edge of the air outlet opening and being such as to enable fastening the filter element to the box body, the filter element being maintained in position by compression directly by the conveyor of the clean air outlet. The invention comprises a filter group in which a portion of the box body is constituted by a shaped surface (12) functioning as an aesthetic protection. The invention also comprises a filter wall having a substantially parallelepiped conformation, the filter wall exhibiting at least a sheet of folded paper (21), in which the sheet is folded on itself in a first and a second layer (22, 23), opposite to one another, and in which each of the layers exhibits an undulated configuration constituted by a plurality of folds.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8250/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : NEUROPROTECTIVE COMPOUNDS AND THEIR USE

(51) International classification	:C07F 9/54
(31) Priority Document No	:61/172,842
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031296
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/126719
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MCW RESEARCH FOUNDATION, INC.

Address of Applicant :8701 WATERTOWN PLANK ROAD,
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2)IOWA STATE UNIVERSITY RESEARCH
FOUNDATION, INC.

(72)Name of Inventor :

1)KALYANARAMAN, BALARAMAN
2)JOSEPH, JOY
3)KANTHASAMY, ANUMANTHA

(57) Abstract :

Apocynin derivative compounds, active pharmaceutical ingredients, dosage forms, and methods of use thereof as neuroprotectants in the brain of mammals.

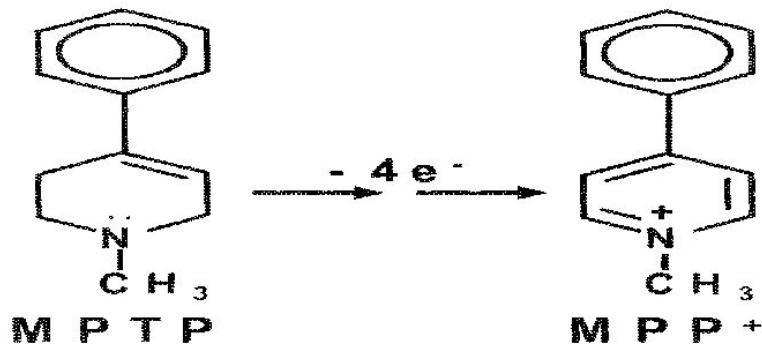


FIG. 1

No. of Pages : 73 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8252/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHODS AND MATERIALS FOR DELIVERING MOLECULES

(51) International classification	:A61K 9/16
(31) Priority Document No	:61/166,929
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029985
Filing Date	:05/04/2010
(87) International Publication No	:WO 2010/117957
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH

Address of Applicant :200 FIRST STREET S.W., ROCHESTER, MINNESOTA 55905, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)ECKMAN, CHRISTOPHER, B.

2)HERDT, AIMEE, R.

(57) Abstract :

This document relates to methods and materials involved in delivering molecules to a mammal. For example, methods and materials for using nanoparticles to increase the half-life and the bioavailability of molecules administered to a mammal are provided.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8256/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CORROSION RESISTANT FAUCETS WITH COMPONENTS MADE OF DIFFERENT METALLIC MATERIALS

(51) International classification	:E03C 1/04	(71) Name of Applicant :
(31) Priority Document No	:61/176,516	1) KOHLER CO.
(32) Priority Date	:08/05/2009	Address of Applicant :444 HIGHLAND DRIVE, KOHLER, WISCONSIN 53044, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2010/033679	1) ESCHE JOHN C.
Filing Date	:05/05/2010	2) RADDER STEVEN T.
(87) International Publication No	:WO 2010/129644	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A faucet (10) is disclosed which has an outer housing (16) formed of zinc which has a lower entry (17), an upper outlet (19), and a side cavity (20). There is a supply line structure (44) extendible from the lower entry into or adjacent the side cavity, and a valve cartridge (56) positioned in the side cavity. A plastic insulator sleeve (26) is positioned in the side cavity between a wall of the outer housing and the valve cartridge. A brass collar (54) is nested within the insulator sleeve and positioned outside of the valve cartridge. Hence, the advantages of a zinc outer housing are achieved while avoiding galvanic corrosion due to contact between brass and zinc surfaces. The insulator sleeve also facilitates rotational and axial alignment, and sealing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8257/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PILLOW

(51) International classification	:A47G 9/10
(31) Priority Document No	:2009902149
(32) Priority Date	:13/05/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000559
Filing Date	:13/05/2010
(87) International Publication No	:WO 2010/130003
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TAMMY-JO HUNTER

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NORTHERN TERRITORY 0830, AUSTRALIA

(72)Name of Inventor :

1)KHOURY, EDWARD, JOSEPH

2)HUNTER, TAMMY-JO

(57) Abstract :

A pillow 10 for sleeping on a bed is described. The pillow 10 comprises a body 12 of generally rectangular configuration, the body 12 being made from a resilient cushioning material and having a corner cut-away to form a recessed portion 14. In use, the recessed portion 14 permits unrestricted breathing when a user is sleeping on their side.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8272/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HONEYCOMB BODY FOR AN EXHAUST GAS PURIFICATION SYSTEM

(51) International classification	:F01N 3/28
(31) Priority Document No	:10 2009 015 420.5
(32) Priority Date	:27/03/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/052465
Filing Date	:26/02/2010
(87) International Publication No	:WO 2010/108755
(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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EMISSIONSTECHNOLOGIE MBH

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LOHMAR (DE) Germany

(72)Name of Inventor :

1)WIERES, LUDWIG

2)BRUCK, ROLF

3)KOTTHOFF, HUBERTUS

(57) Abstract :

The invention relates to a honeycomb body for an exhaust-gas purification system. Honeycomb bodies of said type may be used for example as substrate bodies for catalytically acting coatings or as filters, absorbers or mixers in the exhaust system of an internal combustion engine. The honeycomb body according to the invention is a honeycomb body having channels, having an axial main direction, having a planar front surface, having a planar end surface and having a circumferential surface which is arranged parallel to the axial main direction, wherein at least the front surface and/or the end surface are arranged obliquely with respect to the axial main direction. Honeycomb bodies of said type are advantageous in particular for applying reducing agent to the oblique end or front surface.

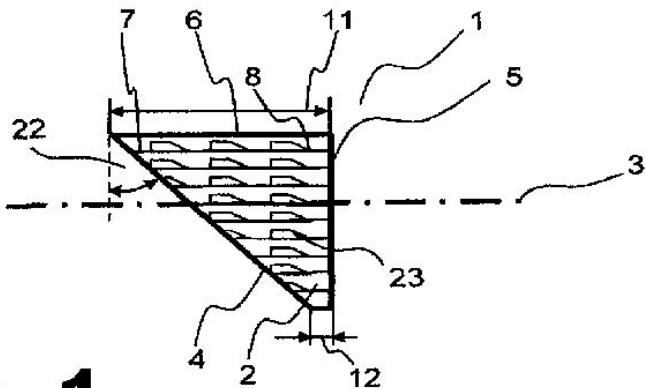


Fig. 1

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8273/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MEDICAL CONNECTORS AND METHODS OF USE

(51) International classification	:A61M 39/22
(31) Priority Document No	:61/163,367
(32) Priority Date	:25/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028743
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/111546
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ICU MEDICAL, INC.

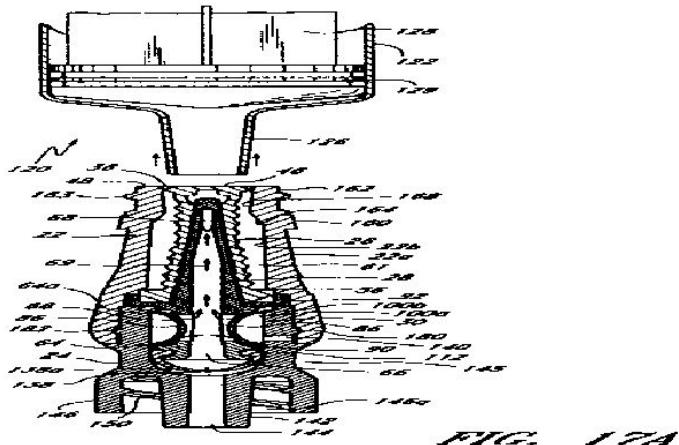
Address of Applicant :951 CALLE AMANECER, SAN CLEMENTE, CA 92673, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)FANGROW, THOMAS F., JR.

(57) Abstract :

Some embodiments disclosed herein relate to a medical connector having a backflow resistance module configured to prevent fluid from being drawn into the connector when a backflow inducing event occurs. In some embodiments, the backflow resistance module can include a variable-volume chamber configured to change in volume in response to a backflow-inducing event and a check valve configured to resist backflow. In some embodiments, the medical connector can include a fluid diverter configured to direct fluid flowing through the medical connector into the variable volume chamber to prevent fluid stagnation therein. In some embodiments, the medical connector includes a body member, a base member, a seal member, a support member, and a valve member.



No. of Pages : 188 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8234/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MODULAR MIXER

(51) International classification	:B01F 7/00
(31) Priority Document No	:10 2009 018 539.9
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002309
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/121747
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)EHRFELD MIKROTECHNIK BTS GMBH

(72)Name of Inventor :

1)JENS HEPPERLE

2)KARL-ROBERT

3)FRANK HERBSTRITT

(57) Abstract :

The invention relates to modular mixers for applications in modular microprocess technology.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8235/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPOSITIONS AND METHODS TO CONTROL FUNGAL PATHOGENS

(51) International classification	:A01N 37/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/039170
Filing Date	:01/04/2009
(87) International Publication No	:WO 2010/114536
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)DOW AGROSCIENCES LLC

Address of Applicant :9330 ZIONSVILLE ROAD,
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(72)**Name of Inventor :**

1)NORMAN PEARSON

2)RONALD ROSS

3)ROBERT EHR

(57) Abstract :

Disclosed herein are acylhydrazone and semicarbazones derivatives of aldehydes and ketones that may act to attract plant pathogenic zoospores and methods of using these compounds. These compounds include the compound according to Formula 1: wherein: X is selected from the group consisting of: (CH₂)_n, 1,3-phenylene and 1,4-phenylene; R₁ is selected from the group consisting of iso-butyl, sec -butyl and tert-butyl- CH₂; R₂ is hydrogen or methyl; and n is equal to 0-25. Upon exposure to water, these compounds release aldehydes or ketones that may attract zoospores. These compounds can be combined with fungicides to form fungicidal formulations that are especially effective against oomycete producing fungal pathogens.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2012

(21) Application No.83/DELNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ULTRASOUND METHOD AND DEVICE FOR CHARACTERIZING AN ENVIRONMENT

(51) International classification	:A61B 8/08
(31) Priority Document No	:09/02856
(32) Priority Date	:11/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051175
Filing Date	:11/06/2010
(87) International Publication No	:WO 2010/142927
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

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(72)Name of Inventor :

1)MINONZIO JEAN-GABRIEL

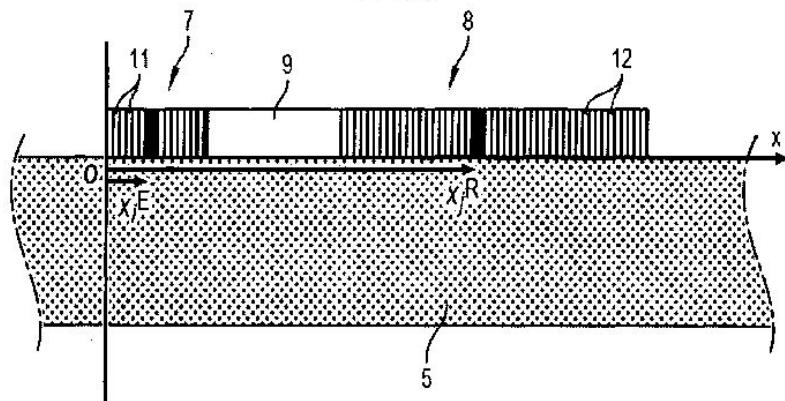
2)TALMANT MARYLINE

3)LAUGIER PASCAL

(57) Abstract :

A probe comprising NE ultrasonic emitters (11) and NR ultrasonic receivers (12) is applied on the medium to be characterized. Each emitter (11) is activated successively and each time the signals are detected on the set of receivers (12) during a time window. Each of the NE x NR signals detected is converted by temporal Fourier transformation to a sum of vibrational components each having its temporal frequency. For each frequency, a matrix NE x NR of complex amplitudes of vibrational components having this frequency is extracted. These matrices (one per frequency) are decomposed into singular values, the smallest are eliminated, and with the singular vectors associated with the singular values retained, a base of the space of the reception signals is formed, for each frequency. The contribution of each plane wave, characterized by its velocity (spatial frequency), in this base is calculated. This contribution is represented in the form of a grey level in a frequency-propagation velocity reference system. Use for the better characterization of media, especially noisy media. See Figure 2.

FIG. 2



No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8352/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPOSITION FOR SUSTAINED DRUG DELIVERY COMPRISING GEOPOLYMERIC BINDER

(51) International classification	:A61K 9/16
(31) Priority Document No	:0900626-3
(32) Priority Date	:08/05/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/GB2010/000910
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/128300
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)OREXO AB

Address of Applicant :P.O. BOX 303, SE-751 05 UPPSALA,
SWEDEN

(72)Name of Inventor :

1)HAKAN ENGQVIST

(57) Abstract :

The present invention relates to a sustained release medical composition comprising an active pharmaceutical ingredient and a geopolymeric binder. Preferably the active pharmaceutical ingredient is combined with the geopolymeric binder during the formation of that binder.

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8354/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ANTI-MESOTHELIN IMMUNOCONJUGATES AND USES THEREFOR

(51) International classification	:A61K 47/48
(31) Priority Document No	:09005909.8
(32) Priority Date	:29/04/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002342
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/124797
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)IRING HEISLER

4)CHARLOTTE CHRISTINE KOPITZ

5)JOACHIM SCHUMACHER

(57) Abstract :

The present invention provides immunoconjugates composed of antibodies, e.g., monoclonal antibodies, or antibody fragments that bind to mesothelin, that are conjugated to cytotoxic agents, e.g., maytansine, or derivatives thereof, and/or co- administered or formulated with one or more additional anti-cancer agents. The immunoconjugates of the invention can be used in the methods of the invention to treat and/or diagnose and/or monitor cancers, e.g. solid tumors.recombinant antigen-binding regions and antibodies and functional fragments containing such antigen-binding regions that are specific for the membrane-anchored, 40 kDa mesothelin polypeptide, which is overexpressed in several tumors, such as pancreatic and ovarian tumors, mesothelioma and lung cancer cells

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8261/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRO-HYDRAULIC POWER-ASSISTED STEERING SYSTEM FOR MOTOR VEHICLE, AND ASSOCIATED CONTROL METHOD

(51) International classification	:B62D 5/065	(71) Name of Applicant :
(31) Priority Document No	:0952302	1)RENAULT S.A.S.
(32) Priority Date	:08/04/2009	Address of Applicant :1 AVENUE DU GOLF, F-78288
(33) Name of priority country	:France	GUYANCOURT CEDEX, FRANCE
(86) International Application No	:PCT/FR2010/050673	(72) Name of Inventor :
Filing Date	:07/04/2010	1)ERIC CHAUVELIER
(87) International Publication No	:WO 2010/116091	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electro-hydraulic power-assisted steering system for a motor vehicle comprises a hydraulic pump (14) driven by an electric motor (16) and supplying at least one actuator (9). The speed of rotation of the motor is regulated by an electronic control unit (18) as a function of the power consumed by the motor. The electronic control unit is configured to carry out the following actions: when the vehicle is at rest, the electronic control unit starts the electric motor (16) of the electric pump unit and controls it at a first or idle speed of rotation, when the vehicle is at rest or no longer at rest, it then compares the power consumed by the motor (16) with a first or high threshold value, if the power consumed by the motor becomes greater than the first or high threshold value, it increases the setpoint speed of rotation of the electric motor (16) to a second or power-assistance speed of rotation.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2011

(21) Application No.8263/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DIAMINOPTERIDINE DERIVATIVES

(51) International classification	:A01N 43/58
(31) Priority Document No	:61/211,137
(32) Priority Date	:25/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/000904 :25/03/2010
(87) International Publication No	:WO 2010/110907
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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2)PHIL WICKENS

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4)DAVID OSTERMAN

5)UDAY R. KHIRE

6)MANUEL NAVIA

7)JUDD BERMAN

8)HARPREET KAUR

9)JEFFREY WILSON

10)DENNIS UNDERWOOD

(57) Abstract :

The present invention relates novel diaminopteridine derivatives, their compositions and method of treatment comprising the same for use as anti-infectives.

No. of Pages : 84 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8360/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : NOVEL CRYSTAL FORM OF TRICYCLIC BENZOPYRAN COMPOUND AND PRODUCTION METHOD THEREOF

(51) International classification	:C07D 49/052
(31) Priority Document No	:2009-111281
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057698
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/126138
(61) 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 CHEMICAL INDUSTRIES, LTD.

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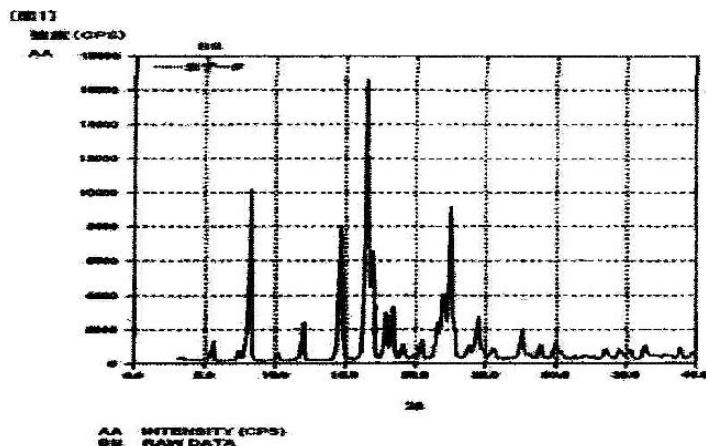
2)MIYAKO KAMON

3)SHIRO KAWAHARA

4)YASUHIRO UMEDA

(57) Abstract :

To provide crystal forms of (3R, 4S)-7-hydroxymethyl-2,2,9-trimethyl-4-(phenethylamino)-3,4-dihydro-2H-pyranolo[2,3-g]quinolin-3-ol that are excellent as a drug, and production methods thereof [MEANS FOR SOLVING THE PROBLEMS] Production methods including crystallizing (3R, 4S)-7-hydroxymethyl-2,2,9-trimethyl-4-(phenethylamino)-3,4-dihydro-2H-pyranolo[2,3-g]quinolin-3-ol from an acetate ester solvent, an aliphatic hydrocarbon solvent, a nitrile solvent, an aromatic hydrocarbon solvent, a ketone solvent or an ether solvent, and crystal forms obtained according to the methods.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8361/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR PRODUCING ELONGATE PRODUCTS MADE OF TITANIUM

(51) International classification	:B21C 23/08
(31) Priority Document No	:0902114
(32) Priority Date	:30/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000329
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/125253
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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2)GFE METALLE UND MATERIALIEN GMBH

3)PFW AEROSPACE AG

(72)**Name of Inventor :**

1)CHRISTOPHE DELAUNAY

2)ALAIN HONNART

3)VOLKER GUTHER

4)RUDIGER FOX

(57) Abstract :

Method for producing elongate products made of titanium material or a titanium alloy, or blanks of such products, comprising preparing a mass of titanium material or titanium alloy (10), melting that mass using an electric arc and a skull melting method (20), casting one or more ingots having a substantially cylindrical shape and a diameter less than approximately 300 mm from the molten mass (30), then extruding one or more of those ingots at a temperature between 800 °C and 1200 °C by means of an extrusion press (40). Use in the aeronautics sector, for example.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8362/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM FOR IDENTIFYING JOINTS OF ELEMENTS TO BE ASSEMBLED INTENDED FOR FORMING AN ASSEMBLY SUCH AS, IN PARTICULAR, A PIPELINE OF A TANK, AND IDENTIFICATION METHOD USED IN SUCH A SYSTEM

(51) International classification	:F16L 1/00
(31) Priority Document No	:0952823
(32) Priority Date	:29/04/2009
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2010/055728 :28/04/2010
(87) International Publication No	:WO 2010/125108
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

- 1)FREDERIC CASTREC
2)GUILLAUME GRAINDOR
3)OLIVIER HIGELIN**

(57) Abstract :

The invention relates to a system for identifying elements involved in the joints of elements (11, 12, 13, 14, 15) intended for forming a duct (10), in particular such as a pipeline, which works on the element identifiers (A2, B1, B2, C1, C2, C3 and M) for an element identification code. Said system is provided with an element identifier reader (22) and a management device (25) for supplying by means of a combination device (28) the joint identification codes between two elements according to element identification codes of said two elements. The invention is also useful for the production of tanks for hydrocarbon by-products. The invention is useful for control and maintenance, mainly of pipeline networks and tanks.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8274/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR MANUFACTURING A RESIN LAMINATE

(51) International classification	:B29C 49/04
(31) Priority Document No	:2009-299038
(32) Priority Date	:29/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/050018
Filing Date	:04/01/2011
(87) International Publication No	:WO 2011/081224
(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)SUMI, TAKEHIKO

2)MATSUBARA, YOSHITAKA

(57) Abstract :

An object is to provide a method for manufacturing a resin laminate 100, the method being capable of achieving satisfactory reduction in weight and wall thickness while ensuring manufacture efficiency and product quality. To accomplish the object, a resin laminate manufacturing method includes a step of providing a pair of split mold blocks one of which has a cavity provided with a plurality of protrusions each extending toward the other one, and preparing two molten thermoplastic resin sheets each having a thickness adjusted, a step of feeding the two molten thermoplastic resin sheets between the pair of split mold blocks with a predetermined gap left therebetween such that each thermoplastic resin sheet protrudes around annular pinch-off parts, a step of forming a hermetic space between one of the sheets and the cavity of the one mold block opposed to an outer surface of the one sheet, a step of sucking air in the hermetic space from the one mold block side, pressing the outer surface of the one sheet against the cavity of the one mold block to shape the one sheet, and forming cup-shaped portions, and a step of clamping the pair of mold blocks, welding peripheral edges of the two molten thermoplastic resin sheets to each other, and welding the bottoms of the cup-shaped portions formed on the one sheet to an inner surface of the other sheet. According to this method, in the resin laminate thus manufactured, the two sheets are substantially equal in thickness to each other.

No. of Pages : 55 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8370/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : STRAINS OF S.CEREV рIAE, CAPABLE OF GROWING IN MEDIA WITH MELIBIOSE, STACHYOSE AND RAFFINOSE

(51) International classification	:C12N 9/40	(71) Name of Applicant :
(31) Priority Document No	:P200900961	1)UNIVERSIDADE DA CORU'А
(32) Priority Date	:08/04/2009	Address of Applicant :MAESTRANZA, 9, E-15001 A
(33) Name of priority country	:Spain	CORUNA (ES). Spain
(86) International Application No	:PCT/ES2010/070219	(72) Name of Inventor :
Filing Date	:08/04/2010	1)BECERRA FERNNDEZ, MANUEL
(87) International Publication No	:WO 2010/116020	2)CERDN VILLANUEVA, MARIA ESPERANZA
(61) Patent of Addition to Application Number	:NA	3)FERNNDEZ LEIRO, RAFAEL
Filing Date	:NA	4)GONZLEZ SISO, MARIA ISABEL
(62) Divisional to Application Number	:NA	5)PEREIRA RODR GUEZ, NGEL
Filing Date	:NA	

(57) Abstract :

The invention relates to strains of *S. cerevisiae* capable of secreting α -galactosidase into culture medium, as well as to methods for obtaining α -galactosidase using said strains and methods for producing biomass and bioethanol by means of culturing said strains in media rich in galactose. In another aspect, the invention provides methods for expressing recombinant proteins using a composition rich in galactose as a culture medium for the microorganisms producing said protein.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8373/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPRESSIBLE AND FREE-FLOW CO-AGGLOMERATES OF MANNITOL AND GRANULAR STARCH

(51) International classification	:A61K 9/20	(71) Name of Applicant :
(31) Priority Document No	:09 52894	1)ROQUETTE FRERES
(32) Priority Date	:30/04/2009	Address of Applicant :F-62136 LESTREM, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050813	1)BOIT, BAPTISTE
Filing Date	:28/04/2010	2)FRANCOIS, ALAIN
(87) International Publication No	:WO 2010/125313	3)LEFEVRE, PHILIPPE
(61) Patent of Addition to Application Number	:NA	4)PASSE, DAMIEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to co-agglomerates of crystalline mannitol and granular starch, characterised in that they have a compressibility, as determined according to a test A, higher than 120 N, and preferably of 200 to 450 N, and a flow time, as determined according to a test B, of 3 to 15 seconds, and preferably of 4 to 8 seconds.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8376/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DATA DISTRIBUTION THROUGH CAPACITY LEVELING IN A STRIPED FILE SYSTEM

(51) International classification	:G06F 17/30
(31) Priority Document No	:12/433,089
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001262
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/126596
(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)RICHARD P. JERNIGAN, IV

(57) Abstract :

A method for capacity leveling in a clustered computer system supporting a striped file system comprising: assigning a capacity value associated with each node of a plurality of nodes organized as the clustered computer system to support the striped file system; iteratively adjusting, by a volume striping module executing on a processor of one of the plurality of nodes, a number of occurrences of a node within a striping data structure to generate a capacity leveled striping data structure based on the capacity value associated with each node; and utilizing the capacity leveled striping data structure to perform data allocation in the striped file system in response to data access requests.

No. of Pages : 54 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8364/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PROCESS FOR PRODUCING ISOTHIAZOLE DERIVATIVE

(51) International classification	:C07D 275/02
(31) Priority Document No	:2009-111840
(32) Priority Date	:01/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057981
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/126170
(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)NAKAMURA, TAKAYUKI

2)KUMAGAI, HIRONOBU

3)OGAWA, MAHITO

(57) Abstract :

A process for producing 3,4-dichloro-5-cyanoisothiazole represented by a general formula (3): [Chemical Formula 18] the process comprising; reacting a nitrile compound represented by a general formula (1): [Chemical Formula 16] (wherein n denotes an integer of 0 to 2), with sulfur chloride represented by a general formula (2): [Chemical Formula 18] SmCl₂ (2) (wherein m represents an integer of 1 to 2), or a mixture thereof in an aprotic polar solvent. There is provided a process for producing 3,4-dichloro-5-cyanoisothiazole, which is capable of suppressing by-production of a waste, without using a raw material having a having a strong toxicity; and is capable of providing a product having a higher purity in a high yield and efficiency in an industrial scale, in a simple manner.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8365/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FABRIC CARE COMPOSITIONS COMPRISING ORGANOSILOXANE POLYMERS

(51) International classification

:C11D 3/20

(31) Priority Document No

:61/170,150

(32) Priority Date

:17/04/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/031009

Filing Date

:14/04/2010

(87) International Publication No

:WO 2010/120863

(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)PANANDIKER, RAJAN, KESHAV**
- 2)VETTER, KERRY, ANDREW**
- 3)KLUESENER, BERNARD, WILLIAM**
- 4)YILGOR, ISKENDER**
- 5)HERZIG, CHRISTIAN**
- 6)BECKER, RICHARD**
- 7)TRUJILLO ROSALDO, RAFAEL**
- 8)WAITS, LESLIE, DAWN**
- 9)FLOOD, JANINE, A.**
- 10)BAKER, KEITH, HOMER**
- 11)PONDER, JENNIFER, BETH**
- 12)SOLINSKY, MARK, GREGORY**
- 13)WAGNER, MATTHEW, SCOTT**
- 14)SARKAR, PRADIPTA**
- 15)KLINKER, EMILY, SUZANNE**
- 16)O'NEIL, JULIE, ANN**

(57) Abstract :

The present composition relates to fabric care compositions comprising an organosiloxane polymer, surfactant and a material comprising an aldehyde and/or ketone group. Methods of using such compositions including contacting a fabric with the composition and rinsing the fabric are also disclosed.

No. of Pages : 62 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8369/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : THERMOSETTING COMPOSITIONS CONTAINING ISOCYANURATE RINGS

(51) International classification	:C08G 59/18
(31) Priority Document No	:61/166,281
(32) Priority Date	:03/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/001927
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/112179
(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)ZHAO, MING-YANG
2)HSU, CHIH-PIN

(57) Abstract :

The invention relates to thermosetting compositions containing isocyanurate ring(s) prepared through chain extension of an epoxy resin (a) with carboxyl-functional oligomers (b), which are the reaction product of polyols (i) containing one or more isocyanurate ring(s) and polycarboxylic acids or their anhydrides (ii). The polyols (i) containing one or more isocyanurate ring(s) can be prepared from the reactions of tris (2-hydroxyalkyl) isocyanurates with, a modifier from, a caprolactone or alkylene oxide, or glycidyl ester or glycidyl ether and mixtures thereof. The epoxy-functional thermosetting compositions containing an isocyanurate ring(s) can be further reacted with unsaturated acids, preferably (meth)acrylic acid to obtain a curable polyacrylate. Both epoxy-functional isocyanurate and acrylate-functional isocyanurate thermosetting compositions can be further modified with a polyisocyanate to produce a composition that is useful as a reactive adhesive, binder or in other applications.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8382/DELNP/2011 A

(43) Publication Date : 04/01/2013

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

(51) International classification	:C07D 401/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2010/051341
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/109442
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)RANBAXY LABORATORIES LIMITED

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(72)Name of Inventor :

1)BALAGURU MURUGESAN

2)SWARGAM SATHYANARAYANA

3)MOHAN PRASAD

(57) Abstract :

The present invention provides a process for the preparation of desloratadine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8388/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FURNACE, REFRACTORY INSTALLING METHOD, AND REFRACTORY BLOCK

(51) International classification	:F27D 1/04
(31) Priority Document No	:2009-120853
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003370
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/134333
(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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3)TAKAYUKI UCHIDA

4)SHINGO UMEDA

5)HIROSHI IMAGAWA

6)SHINTARO KOBAYASHI

(57) Abstract :

The furnace of the present invention includes a body of a furnace having a cylindrical shape; a steel shell which is arranged at an inside surface of the furnace; and a lining refractory which is arranged at an inside of the steel shell and includes a plurality of refractory blocks, wherein: each of the refractory blocks includes a hot-face end surface which has a hexagonal shape exposed to a middle of the furnace, and a cold-face end surface which has a hexagonal shape larger than the hot-face end surface, the cold-face end surface being arranged at an outer periphery side of the furnace; the refractory blocks are arranged such that each position of the hot-face end surface is positioned along the radial direction of the furnace at a predetermined reference position; and the refractory blocks are arrayed along the circumferential direction of an inside surface of the steel shell, thereby being stacked in a honeycomb manner.

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8356/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR ADAPTING AN ENGINE TO THE FUEL GRADE BY DECREMENTING THE INITIAL OCTANE NUMBER OF THE FUEL

(51) International classification	:F02P 5/152	(71) Name of Applicant :
(31) Priority Document No	:0952887	1)RENAULT S.A.S.
(32) Priority Date	:30/04/2009	Address of Applicant :13-15, QUAI LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050390	1)FRANCK PINTEAU
Filing Date	:08/03/2010	2)EDOUARD VALENCIENNES
(87) International Publication No	:WO 2010/125261	
(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 adapting an engine to the octane number of the fuel by decrementing the initial octane number. Starting with a reference setting of the spark advance in an engine operating range (10) for a given octane number, the engine operating range (10) being divided into a plurality of zones (1 to 16), each including an anti-pinking corrective value of the spark advance of the reference setting, the engine is switched to a reference setting that corresponds to a lower octane number: when a threshold value (S 12 to S 162) of the advance correction loop is exceeded in at least one zone, or when a counter of the number of zones, in which another threshold value (S 1_1 to S 16_1) of the advance correction loop is exceeded, exceeds a multi-zone threshold (S3).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8358/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PESTICIDAL ARYLPYRROLIDINES

(51) International classification	:C07D 207/08	(71)Name of Applicant :
(31) Priority Document No	:2009-111390	1)BAYER CROPSCIENCE AG
(32) Priority Date	:30/04/2009	Address of Applicant :ALFRED-NOBEL-STR. 50, 40789
(33) Name of priority country	:Japan	MONHEIM, GERMANY
(86) International Application No Filing Date	:PCT/EP2010/002580 :27/04/2010	(72)Name of Inventor :
(87) International Publication No	:WO 2010/124845	1)JUN MIHARA
(61) Patent of Addition to Application Number	:NA	2)TETSUYA MURATA
Filing Date	:NA	3)DAIEI YAMAZAKI
(62) Divisional to Application Number	:NA	4)YASUSHI YONETA
Filing Date	:NA	5)KOICHI ARAKI
		6)NORIO SASAKI
		7)KEI DOMON
		8)MAMORU HATAZAWA
		9)EIICHI SHIMOJO
		10)TERUYUKI ICHIHARA
		11)MASASHI ATAKA
		12)KATSUHIKO SHIBUYA
		13)ULRICH GORGENS

(57) Abstract :

The invention is directed to arylpyrrolidines compounds which exhibit excellent insecticidal efficacy and which may be used as in the agrochemical field or in the field of veterinary medicine. The compounds are represented by formula (I): wherein the respective substituents are defined in the specification.

No. of Pages : 190 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8359/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR ADAPTING AN ENGINE TO THE FUEL GRADE BY INCREMENTING THE INITIAL OCTANE NUMBER OF THE FUEL

(51) International classification	:F02P 5/152	(71) Name of Applicant :
(31) Priority Document No	:0952885	1)RENAULT S.A.S.
(32) Priority Date	:30/04/2009	Address of Applicant :13-15, QUAI LE GALLO, F-92100 BOULOGNE-BILLANCOURT, FRANCE
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No	:PCT/FR2010/050389	1)FRANCK PINTEAU
Filing Date	:08/03/2010	2)EDOUARD VALENCIENNES
(87) International Publication No	:WO 2010/125260	
(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 method for adapting an engine to the octane number of the fuel by incrementing the initial octane number. Starting with a reference setting of the spark advance in an engine operating range (10) for a given octane number, the engine operating range (10) being divided into a plurality of zones (1 to 16), each including an anti-pinking corrective value of the spark advance of the reference setting, the engine is switched to a reference setting that corresponds to a higher octane number: when a top dead centre counter (TDCCTR), incremented if the advance correction in the current zone is lower than a predetermined threshold (S 1_1 to S 16_1), exceeds a predetermined threshold (S4), or when a counter of the number of zones, in which the advance correction loop is lower than another threshold value (.S1_2 to S 16_2), exceeds a multi-zone threshold (S3).

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8395/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PHOSPHATE-FREE PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF GLAUCOMA

(51) International classification	:A61K 31/00	(71) Name of Applicant :
(31) Priority Document No	:10 2009 021 372.4	1)URSAPHARM ARZNEIMITTEL GMBH
(32) Priority Date	:14/05/2009	Address of Applicant :INDUSTRIESTRASSE 35, 66129
(33) Name of priority country	:Germany	SAARBRUCKEN, GERMANY
(86) International Application No	:PCT/EP2010/002981	(72) Name of Inventor :
Filing Date	:14/05/2010	1)FRANK HOLZER
(87) International Publication No	:WO 2010/130462	
(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 phosphate-free pharmaceutical composition which comprises at least one FP prostanoid receptor agonist and/or at least one prostamide receptor agonist and also citrate salts and/or citric acid.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8402/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPOSITIONS AND METHODS FOR MAKING ALPHA-(1,2)-BRANCHED ALPHA-(1,6) OLIGODEXTRANS

(51) International classification	:C08B 37/00	(71) Name of Applicant :
(31) Priority Document No	:61/176,242	1)TATE & LYLE INGREDIENTS FRANCE SAS
(32) Priority Date	:07/05/2009	Address of Applicant :2 AVENUE DE L'HORIZON, PARC SCIENTIFIQUE DE LA HAUTE BORNE, F-59650 VILLENEUVE D'ASCQ FRANCE
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2010/033984	(72) Name of Inventor :
Filing Date	:07/05/2010	1)NAEYE, THIERRY
(87) International Publication No	:WO 2010/129839	2)EINERHAND, ALEXANDRA
(61) Patent of Addition to Application Number	:NA	3)LOPEZ, MICHEL
Filing Date	:NA	4)POTTER, SUSAN M.
(62) Divisional to Application Number	:NA	5)REMAUD-SIMEON, MAGALI
Filing Date	:NA	6)MONSAN, PIERRE, FREDERIC EMMANUEL

(57) Abstract :

Compositions for improving the health of a subject comprise alpha-(1,2)-branched alpha-(1,6) oligodextrans, preferably with an average molecular weight between about 10 kDa and 70 kDa, between about 10% and 50% alpha-(1,2)-osidic side chains, and having at least partial indigestibility in the subject. Methods for improving the health of a subject comprise administering the composition to a subject in an amount effective to improve gut health, or to prevent or treat a gastrointestinal disorder, a cholesterol-related disorder, diabetes, or obesity. Methods for making oligodextrans having controlled size and controlled degree of branching comprise providing alpha-(1,6) oligodextrans having an average molecular weight between 0.5 and 100 kDa and introducing at least 10% alpha-(1,2)-osidic side chains onto the alpha-(1,6) oligodextrans.

No. of Pages : 67 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8377/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FLASH BASED DATA ARCHIVE STORAGE SYSTEM

(51) International classification	:G06F 3/06
(31) Priority Document No	:61/174,295
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001261
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/126595
(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)STEVEN C. MILLER

2)DON TRIMER

3)STEVEN R. KLEIMAN

(57) Abstract :

A flash-based data archive storage system having a large capacity storage array constructed from a plurality of dense flash devices is provided. The flash devices are illustratively multi-level cell (MLC) flash devices that are tightly packaged to provide a low-power, high-performance data archive system having substantially more capacity per cubic inch than more dense tape or disk drives. The flash-based data archive system may be adapted to employ conventional data de-duplication and compression methods to compactly store data. Further-more, the flash-based archive system has a smaller footprint and consumes less power than the tape and/or disk archive system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8412/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR PURIFYING RECOMBINANT FSH

(51) International classification	:C07K 1/18
(31) Priority Document No	:09157133.1
(32) Priority Date	:01/04/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/002111
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/115586
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BIOGENERIX AG

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(72)Name of Inventor :

1)SCHECKERMANN, CHRISTIAN

2)EICHINGER, DIETMAR

3)ARNOLD, STEFAN

(57) Abstract :

The present invention relates to a method for purifying a recombinant follicle stimulating hormone (FSH) or recombinant FSH variant. The method comprises the steps of subjecting a liquid containing a recombinant FSH or recombinant FSH variant to an anion exchange chromatography, to a hydrophobic interaction chromatography, and to a dye affinity chromatography, wherein these chromatographies may be performed in any order, and wherein the method neither comprises a weak anion exchange chromatography nor a reverse phase chromatography. The method of purification results in a high yield of recombinant FSH having a desired degree of purity. The obtained FSH is especially useful for the prophylaxis and treatment of disorders and medical indications where FSH preparations are considered as useful remedies.

No. of Pages : 45 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8415/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MODULAR FLOW SYSTEM

(51) International classification	:B01D 61/36
(31) Priority Document No	:10 2009 020 128.9
(32) Priority Date	:06/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002689
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/127818
(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 :

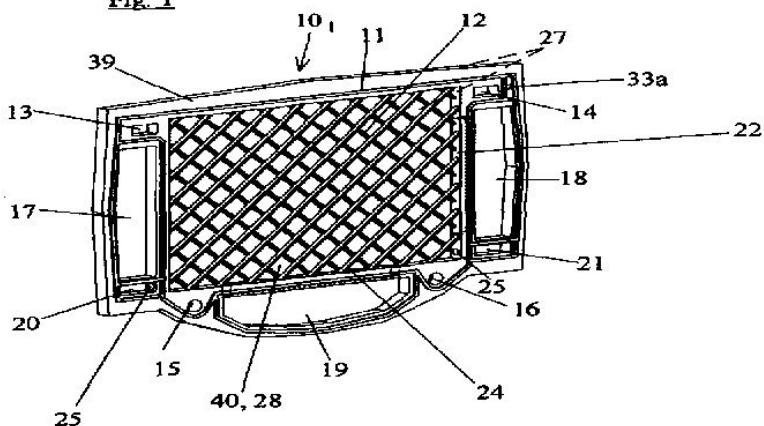
1)HEINZL, WOLFGANG

2)KRELLE, JUERGEN

(57) Abstract :

The invention relates to a modular flow system comprising a plurality of frame elements which can be combined by means of welded web structures to various stacks comprising in each case at least two, in particular at least ten frame elements, in order to form different functional units such as in particular a membrane distillation stage, a steam generator, a condenser, a heat exchanger, a filter and/or a pervaporation stage. The frame elements according to the invention comprise in each case an outer frame provided with passage openings and vapour and/or fluid channels as well as a central inner region surrounded by the outer frame. Moreover, each frame element is provided on both sides with a welded web structure that delimits, on the one hand, the region comprising the passage openings and the central inner region and, on the other hand, at least two regions, each comprising a vapour and/or fluid channel.

Fig. 1



No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8418/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A METHOD OF BLENDING FUEL

(51) International classification	:C10L 1/02
(31) Priority Document No	:0906860.2
(32) Priority Date	:21/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000793
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/122296
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LOTUS CARS LIMITED

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(72)Name of Inventor :

1)TURNER, JAMES WILLIAM GRIFFITH

2)PEARSON, RICHARD JOHN

(57) Abstract :

The present invention relates to a method of blending a multi-component blended fuel. The method comprises selecting as a starting reference a known multi-component blended fuel (e.g. a blend of gasoline and ethanol) which is in use by an internal combustion engine which operates SI or HCCI combustion. The method comprises blending an alternative fuel which can be used by the same engine without modification of the engine, including without modifying the operating regime employed by its engine management system. The alternative fuel is a blend comprising all of the components of the known fuel and an additional fuel component (e.g. methanol). The blend components are blended in proportions which give to the alternative fuel: a stoichiometric air-fuel ratio by mass or by volume substantially equal to that of the known blended fuel; and/or a lower heating value (e.g. volumetric or gravimetric) substantially equal to that of the known blended fuel; and/or produces a response from an ethanol sensor substantially equal to that of the known blended fuel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8403/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ADAPTIVE VIRTUAL KEYBOARD FOR HANDHELD DEVICE

(51) International classification	:G06F 3/041
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069931
Filing Date	:31/12/2009
(87) International Publication No	:WO 2010/147611
(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)FERREN, BRAN

(57) Abstract :

In various embodiments, the size, shape and arrangement of keys on a virtual keyboard may be determined based on touchscreen contacts made by the user. Further the actual contact patch made by the user may be analyzed to interpret which point of contact was intended, and other factors such as spelling and context may also be considered. These factors may be determined based on a calibration session and/or on continuing inputs during operation of the keyboard, and applied to future operational interpretations of the touchscreen contacts.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8408/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INTELLIGENT GRAPHICS INTERFACE IN A HANDHELD WIRELESS DEVICE

(51) International classification	:G06F 3/048
(31) Priority Document No	:61/187,520
(32) Priority Date	:16/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037994
Filing Date	:09/06/2010
(87) International Publication No	:WO 2010/147824
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)INTEL CORPORATION

Address of Applicant :2200 MISSION COLLEGE BOULEVARD, MS: RNB-4-150, SANTA CLARA, CALIFORNIA 95052, UNITED STATES OF AMERICA

(72)**Name of Inventor :**

1)FERREN, BRAN

2)JASMANN, SCHAWN

3)BUCK, MORGAN

(57) Abstract :

Various embodiments of the invention may allow applications and information to be clustered together in ways that simplify and automate various tasks. Other embodiments may present at graphical user interface to the user that allows the user to choose from a matrix of information categories and applications that can help provide the information. Still other embodiments may provide different user interface methods based on status awareness.

No. of Pages : 34 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8409/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : VESICULAR SYSTEM AND USES THEREOF

(51) International classification	:G01N 33/00
(31) Priority Document No	:61/202,920
(32) Priority Date	:20/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/SG2010/000159
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123462
(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)NALLANI, MADHAVAN

2)SINNER, EVA-KATHRIN

3)KUNNAVAKKAM, MADANAGOPAL

(57) Abstract :

Disclosed is a vesicular system comprising a surface with a vesicle immobilized thereon. The immobilized vesicle has a circumferential membrane of an amphiphilic polymer. The vesicle is coupled to a surface by means of a molecule with a non-polar moiety. The non-polar moiety comprises a main chain of 3 to about 30 carbon atoms and 0 to about 12 heteroatoms selected from Si, O, S, and Se. The molecule with the non-polar moiety is coupled to the surface via a covalent or non-covalent bond. A portion of the non-polar moiety is integrated in the circumferential membrane.

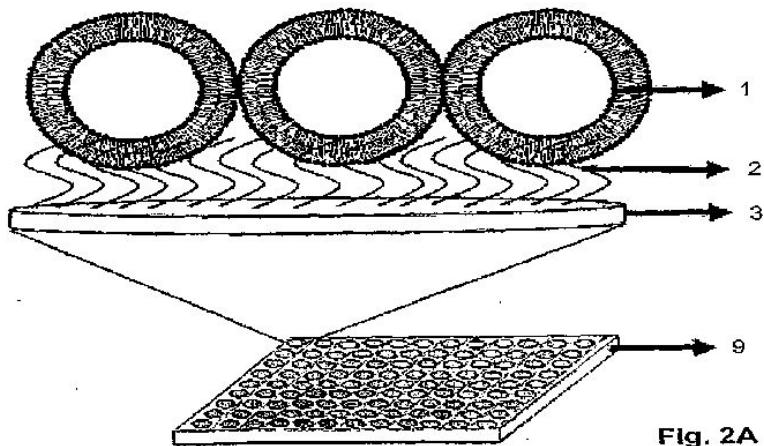


Fig. 2A

No. of Pages : 43 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8435/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CLADDING PANEL (EMBODIMENTS)

(51) International classification	:E04F 13/12
(31) Priority Document No	:2009111479
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2010/000138
Filing Date	:26/03/2010
(87) International Publication No	:WO 2010/138019
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ANDREY VILENOVICH LYUBOMIRSKIY

Address of Applicant :132,36/2, YASENEVAYA STR.
MOSCOW, 115597, RUSSIAN FEDERATION

(72)Name of Inventor :

1)ANDREY VILENOVICH LYUBOMIRSKIY

(57) Abstract :

This invention is for improvements in or relating to the design of wall facing panels with textured surface and can be used in products designed for both indoor and outdoor wall panelling. Spirit of the Invention: In accordance with the first embodiment, the wall panel contains the base and the outer layer on the front face of which there are textured elements making up a design pattern featuring convex elements and/or concaves; the design pattern created by the said elements contains the convex elements with a maximum width of up to 25 mm across, and the concaves with a width of under 25 mm and a depth under 0.95d where d is the thickness of sheet material; the textured design pattern is created in conformity with the condition where Sconv./Sconc 0,05 - 19,0 where Sconv. is the combined area of the convex elements, and Sconc is the combined area of the concaves; the base is made, for example, of metal and/or of chipboard and/or fireboard and/or MDF and/or paper laminate and/or plywood and/or polymer material, for example, of PolyVinylChloride and/or epoxide and/or polyester and/or polyurethane and/or polycarbonate and/or acryl and/or polystyrene and/or polyethylene and/or composite material with a hardened polymer-based binding medium, for example, of glass-fibre plastic and/or coal plastic and/or polymers with mineral or layered fillers, for example, of polyethylene with the addition of silica sand or mineral fibres with the thickness d = 0,2 -25,0 mm, and the outer layer is made, for example, of stainless steel or aluminium alloy and/or an alloy of aluminium and zinc and/or titan and/or bimetal and/or composite material with the thickness d = 0,02 - 3,0 and the depth of the relief of the outer layer 0,001 - 2,0 mm. The textured design is made as follows: with regular spacing of the convex elements and concaves on the front face of the panel, with random spacing of the convex elements and concaves, or with a mix of regular and random spacing of the convex elements and concaves on the front face of the panel. 3 independent claims, 15 dependent claims, 10 illustrations.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8420/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR TRANSFERRING POWER BETWEEN AN AIRCRAFT POWER SYSTEM AND ENERGY STORAGE DEVICES

(51) International classification	:H02J 1/16
(31) Priority Document No	:12/433782
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/027094
Filing Date	:12/03/2010
(87) International Publication No	:WO 2010/126654
(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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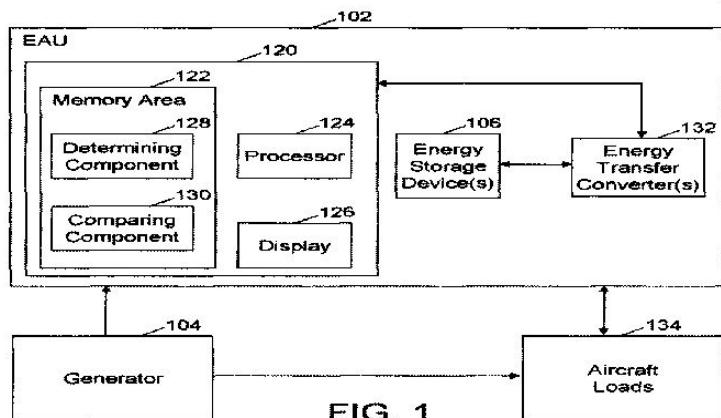
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DAYTON, OHIO 45414, U.S.A.

(72)Name of Inventor :

1)RADUN, ARTHUR VORWERK

(57) Abstract :

A method for transferring power in an aircraft between an energy storage device and a power system. The method includes determining an amount of power required by the power system, determining a predetermined amount of power from a generator, comparing the power required by the power system to the predetermined power of the generator, and transferring power to the energy storage device from the power system or to the power system from the energy storage device based on the comparing.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8425/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR MANAGING BASE STATION CONFIGURATION

(51) International classification	:H04W 80/00
(31) Priority Document No	:200910149099.0
(32) Priority Date	:18/06/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/072160
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/145328
(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)YANG, DONGLIANG

(57) Abstract :

The present invention provides a method and an apparatus for managing a base station configuration, wherein the method comprises the following steps of: acquiring identity information of a user (S102); selecting an operation mode corresponding to the identity information of the user (S104); and prompting the user to configure and manage configuration parameters of a base station in the operation mode (S106). The present invention reduces the work of the common maintenance personnel, improves the work efficiency of the common maintenance personnel and saves the operation and maintenance cost. FIGURE 1

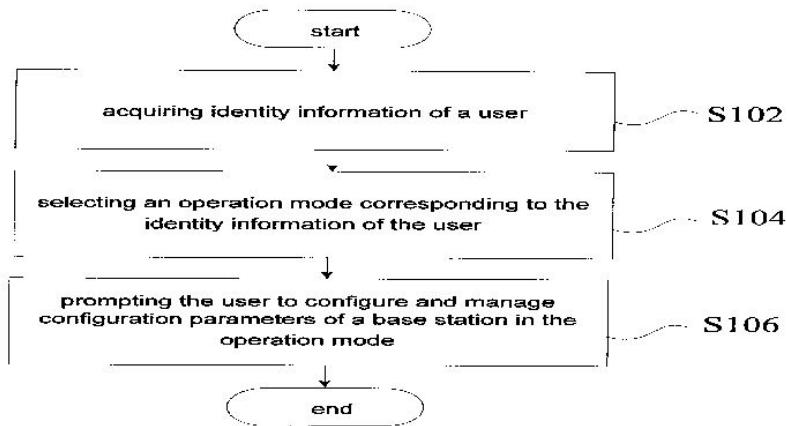


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8441/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CLADDING PANEL (EMBODIMENTS)

(51) International classification	:E04F 13/12
(31) Priority Document No	:2009111482
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2010/000143
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/114423
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ANDREY VILENOVICH LYUBOMIRSKIY

(57) Abstract :

In the designs of wall facing panels with textured surface and can be used in the articles designed for both indoor and outdoor wall panelling. Spirit of the Invention: In accordance with the first embodiment, the wall panel consists of a metal base and an outer layer with the thickness d1, on the front face of which there are elements making up a design with textured structure containing convex elements and concaves characterised in that it contains an interlayer with the thickness d2 = 0,005 - 300 mm; the textured design formed by the said elements features convex elements with a maximum diameter of 0,01 mm to 25 mm and concaves with a width of 0,01 mm to 25 mm and a depth not exceeding 0.95 d1 where d1 = 0,02 - 5,0 mm; the textured design is formed in conformity with the condition where Sconv/Sconc = 0,1 - 19,0 where Sconv. is the combined area of the convex elements, and Sconc is the combined area of the concaves. In accordance with the second embodiment, the concaves are filled with hardened material. The interlayer is made of a polymer or an adhesive layer and/or of chipboard and/or fireboard and/or MDF and/or paper laminate and/or plywood and/or polymer material, for example, of PolyVinylChloride and/or epoxide and/or polyester and/or polyurethane and/or polycarbonate and/or acryl and/or polystyrene and/or polyethylene and/or composite material with a hardened polymer-based binding medium, for example, of glass-fibre plastic and/or coal plastic and/or polymers with mineral or layered fillers, for example, of polyethylene and/or polyurethane and/or polysterol with the addition of silica sand or mineral fibres and/or of foam. The textured design is formed as follows: with regular spacing of the convex elements and concaves on the front face of the panel, with random spacing of the convex elements and concaves, or with a mix of regular and random spacing of the convex elements and concaves on the front face of the panel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8442/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CLADDING PANEL (EMBODIMENTS)

(51) International classification	:E04F 13/12
(31) Priority Document No	:2009111478
(32) Priority Date	:31/03/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2010/000139
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/114419
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ANDREY VILENOVICH LYUBOMIRSKIY

(57) Abstract :

This invention is for improvements in or relating to the design of wall facing panels with textured surface and can be used in products designed for both indoor and outdoor wall panelling. Spirit of the Invention: In accordance with the first embodiment, the base of the wall panel is made of sheet metal and on the front face of which there are convex elements and/or concaves producing a textured design; the convex elements are made with a diameter of 0,01 mm to 25 mm, and the concaves are made with a width of 0,01 mm to 25 mm and a depth not exceeding 0,95d where d is the thickness of the sheet material; the design is made in conformity with the condition $S_{conv} / S_{conc} = 0,05 - 19,0$ where S_{conv} . is the combined area of the convex elements, and S_{conc} is the combined area of the concaves, and the metal base is made with the thickness $d = 0,02 - 5,0$ mm. The textured design is made as follows: with regular spacing of the convex elements and concaves on the front face of the panel, with random spacing of the convex elements and concaves, or with a mix of regular and random spacing of the convex elements and concaves on the front face of the panel. 2 independent claims, 13 dependent claims, 8 illustrations.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8389/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AIR TREATMENT DEVICE

(51) International classification	:A61L 9/03
(31) Priority Document No	:0907049.1
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/000708
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/122280
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)ANDREA DUDDINGTON

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3)JUAN ANTONIO GOMEZ

4)BENJAMIN DAVID HINDLE

5)MELANIE ROPIC

6)STEVE WALSH

(57) Abstract :

An air treatment device is described comprising: a housing having at least one air inlet and at least one air outlet with at least two discrete air passageways therebetween; wherein in a first of said passageways there is located a fan and at least one air filter retaining means arranged to releasably retain, in use, an air filter within one passageway; and wherein in a second of said passageways there is located at least one refill securing means arranged to releasably securing a refill of air treatment agent and emanation means in the form of one or more heaters; and wherein, in use, airflow through said at least two passageways is separate.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8454/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : OPERATION SUPPORTING APPARATUS, OPERATION SUPPORTING METHOD, AND PROGRAM

(51) International classification	:G06Q 50/00	(71) Name of Applicant : 1)NIPPON STEEL CORPORATION Address of Applicant :6-1, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8071, JAPAN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/JP2009/062351	(72) Name of Inventor :
Filing Date	:07/07/2009	1)SHINICHIROU SHIMOI
(87) International Publication No	:WO 2011/004454	2)HIDEO NAKAMURA
(61) Patent of Addition to Application Number	:NA	3)ISAO OSHITA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An acquisition unit acquires operation process data (including first process data operable by an operator and second process data different from the first process data) of a manufacturing facility from a facility management apparatus. A search unit searches past operation process data similar to current operation process data based on the first or second process data. A search unit searches action data related to the past operation process data searched by the search unit from action data determined by an action determination unit based on the first process data. An evaluation unit uses the second process data to evaluate the action data searched by the search unit. As a result, the operator can determine what kind of an operation related to an operation of the manufacturing facility should be performed in the future.

No. of Pages : 78 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8459/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COAXIAL CABLE CONTINUITY CONNECTOR

(51) International classification	:H01R 9/05
(31) Priority Document No	:61/166,247
(32) Priority Date	:02/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/029587
Filing Date	:01/04/2010
(87) International Publication No	:WO 2010/114977
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JOHN MEZZALINGUA ASSOCIATES, INC.

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(72)Name of Inventor :

1)PURDY, ERIC

(57) Abstract :

A coaxial cable continuity connector comprising a connector body, a post engageable with connector body, wherein the post includes a flange having a tapered surface, a nut, wherein the nut includes an internal lip having a tapered surface, wherein the tapered surface of the nut oppositely corresponds to the tapered surface of the post when the nut and post are operably axially located with respect to each other when the coaxial cable continuity connector is assembled, and a continuity member disposed between and contacting the tapered surface of the post and the tapered surface of the nut, so that the continuity member endures a moment resulting from the contact forces of the opposite tapered surfaces, when the continuity connector is assembled, is provided.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8462/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CARBOXAMIDE COMPOUNDS AND THEIR USE AS CALPAIN INHIBITORS

(51) International classification	:C07D 207/26
(31) Priority Document No	:61/176,138
(32) Priority Date	:07/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/056166
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/128102
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KLING ANDREAS

3)JANTOS KATJA

4)MOELLER ACHIM

5)HORNBERGER WILFRIED

6)HUTCHINS CHARLES W.

(57) Abstract :

The present invention relates to novel carboxamide compounds and their use for the manufacture of a medicament. The carboxamide compounds are inhibitors of calpain (calcium dependant cysteine proteases). The invention therefore also relates to the use of these carboxamide compounds for treating a disorder associated with an elevated calpain activity. The carboxamide compounds are compounds of the general formula I in which R1, R2, R3a, R3b, R4, Q, Y, A and X have the meanings mentioned in the claims and the description, the tautomers thereof and the pharmaceutically suitable salts thereof. In particular, the compounds have the general formula Ia and Ib in which R1, r, R2b, R3a, R3b, R4, Y and X have the meanings mentioned in the claims, including the tautomers thereof and the pharmaceutically suitable salts thereof. Of these compounds those are preferred wherein Y is a moiety CH2-CH2, CH2-CH2-CH2, N(Ry#)-CH2, N(Ry#)-CH2-CH2 or CH=CH-CH=, each optionally having 1 or 2 H-atoms replaced with identical or different radicals Ry, wherein Rv and Ry# have the meanings mentioned in the claims.

No. of Pages : 216 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8437/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HYDROLYTICALLY STABLE PHOSPHITE COMPOSITIONS

(51) International classification	:C07F 9/141
(31) Priority Document No	:61/230,654
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043469
Filing Date	:28/07/2010
(87) International Publication No	:WO 2011/014529
(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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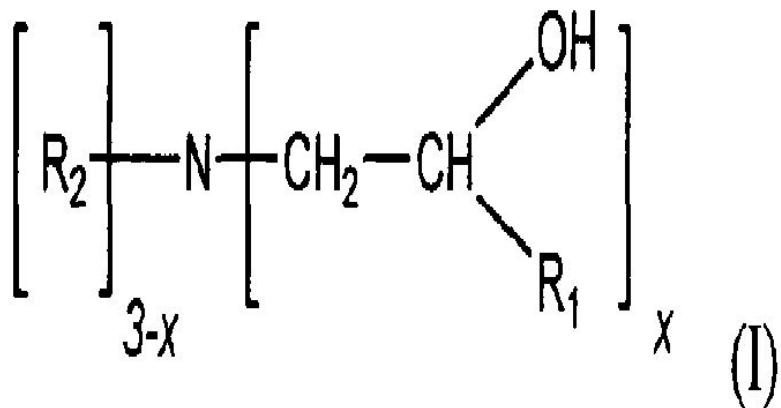
(72)Name of Inventor :

1)JONATHAN S. HILL

2)MAURICE POWER

(57) Abstract :

Hydrolytically stable phosphites as secondary antioxidants for polymer resins comprising a phosphite and an amine compound. The phosphite may be a liquid phosphite composition. The amine compound may have the structure of formula I: wherein x is 1, 2 or 3; R1 is selected from the group consisting of hydrogen, and straight or branched C1-C6 alkyl, and R2 is selected from the group consisting of straight or branched C1-C30 alkyl.



No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8439/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR MANUFACTURING OLEFIN

(51) International classification	:C07C 6/04
(31) Priority Document No	:2009-089008
(32) Priority Date	:01/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055792
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/113993
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUI CHEMICALS, INC.

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(72)Name of Inventor :

1)SATORU MIYAZOE

2)HIROKAZU IKENAGA

3)MAKOTO KOTANI

(57) Abstract :

It is an object of the present invention to provide a method for manufacturing an olefin, wherein side reactions of a metathesis reaction are suppressed and the selectivity of a desired product is increased by facilitating double bond isomerization of raw material olefins. Furthermore, it is an object to provide a method for manufacturing an olefin, wherein a desired product can be obtained efficiently at a high productivity by maintaining the activity of a metathesis catalyst for a long term and suppressing deterioration of performance of a catalyst (isomerization catalyst) for facilitating double bond isomerization of the raw material olefins. [Solution] A method for manufacturing an olefin according to the present invention is a method for manufacturing an olefin through reaction between the same type of or different types of raw material olefins to obtain an olefin having a structure different from the structure of the raw material olefins, the method including using a catalyst containing at least one type of metal element selected from the group consisting of tungsten, molybdenum, and rhenium together with other specific catalysts.

No. of Pages : 112 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8472/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CONDUCTOR GRID FOR ELECTRONIC HOUSINGS AND MANUFACTURING METHOD

(51) International classification	:H05K 3/20
(31) Priority Document No	:10 2009 016 842.7
(32) Priority Date	:08/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/054091
Filing Date	:29/03/2010
(87) International Publication No	:WO 2010/115746
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)TYCO ELECTRONICS AMP GMBH

Address of Applicant :AMPERESTRASSE 12-14, D-64625
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(72)**Name of Inventor :**

1)BERCHTOLD, LORENZ

(57) Abstract :

With the present invention, conductor grids for electronic housings and a manufacturing method for such conductor grids are provided. According to the invention, the conductor grid is produced from two metal strips welded along the joint edge, with only one of the two metal strips needing to have a surface suitable for the wire bonding. The amount of the conventionally used, plated starting material can be considerably reduced in this way.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8473/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SUPERHARD INSERT

(51) International classification	:B23B 27/04
(31) Priority Document No	:0907737.1
(32) Priority Date	:06/05/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/056120
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/128085
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ELEMENT SIX LIMITED

Address of Applicant :SHANNON AIRPORT, COUNTY CLARE, SHANNON, IRELAND

(72)Name of Inventor :

1)PRETORIUS, CORNELIUS JOHANNES

(57) Abstract :

A superhard insert for a machine tool, comprising a superhard cutter structure 20 defining a rake face 22, a flank 24 and a rounded cutting edge 26 formed by the transition between the rake face 22 and the flank 24; the flank 24 comprising a convex arcuate surface portion 28 extending away from the cutting edge 26, the arcuate surface portion 28 having a radius of curvature R2.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8474/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PLASTICS TRANSPORTING CONTAINER FOR TRANSPORTING AND/OR STORING ARTICLES AND THE LIKE

(51) International classification	:B65D 1/22	(71) Name of Applicant :
(31) Priority Document No	:09007147.3	1)SCHOELLER ARCA SYSTEMS GMBH
(32) Priority Date	:28/05/2009	Address of Applicant :SACKTANNEN 1, 19057
(33) Name of priority country	:EUROPEAN UNION	SCHWERIN, GERMANY
(86) International Application No	:PCT/EP2010/002482	(72) Name of Inventor :
Filing Date	:22/04/2010	1)LENZ, THORSTEN
(87) International Publication No	:WO 2010/136098	2)ORSET, OLIVER
(61) Patent of Addition to Application Number	:NA	3)GOMMER, HERMAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a plastics transport container for transporting and/or storing articles, having a container base (14) and side walls (2, 3) which are circumferentially arranged at the base of the container. Thus, it is provided that at least one flat section of the thin-walled container with a thickness ranging from 1.4 mm to 4 mm is reinforced by a braided or woven structure of fibers (4) embedded in the surface or proximal to the surface of the section.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8443/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ENERGY RELEASE BUOYANT ACTUATOR

(51) International classification	:F03B 13/18
(31) Priority Document No	:2009901502
(32) Priority Date	:07/04/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2010/000398
Filing Date	:07/04/2010
(87) International Publication No	:WO 2010/115241
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)LAXTON, NIGEL

5)FIEVEZ, JONATHAN PIERRE

6)MANN, LAURENCE DREW

7)VIGUS, MATTHEW LLOYD

(57) Abstract :

A buoyant actuator (10) for use in apparatus (11) for harnessing wave energy in a body of water such as the ocean. The buoyant actuator (10) is deployed within the body of water (12) and is responsive to wave motion in the body of water. The buoyant actuator (10) comprises a body (101) incorporating a flow path along which water can flow, and a gate means (115) for controlling flow along the flow path. The gate means (115) comprising a plurality of closure elements configured as flaps (221) providing a barrier (222) across the flow path through the body (101). Each flap (221) is moveable into and out of a condition in which it cooperates with the other flaps (221) to provide the barrier (222). A latch mechanism (231) is provided for releasably retaining each flap (221) in the condition providing the barrier (222). The latch mechanism (231) comprises a magnetic coupling.

No. of Pages : 74 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8485/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BISAZO COMPOUNDS

(51) International classification	:C07D 213/77
(31) Priority Document No	:09160245.8
(32) Priority Date	:14/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002843
Filing Date	:08/05/2010
(87) International Publication No	:WO 2010/130384
(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 :

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2)ULRICH GEIGER

3)LUDWIG HASEMANN

(57) Abstract :

Acid dyes, a process for their preparation and their use for dyeing organic substrates of the general formula (I), wherein the substituents have the meaning as indicated in the claims.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8486/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BISAZO COMPOUNDS

(51) International classification	:C07C 309/47
(31) Priority Document No	:09160234.2
(32) Priority Date	:14/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002838
Filing Date	:08/05/2010
(87) International Publication No	:WO 2010/130379
(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 :

Compounds of the general formula (I) a process for their preparation and their use for dyeing and/or printing organic substrates.

No. of Pages : 28 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8487/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ACIDIC AZO DYES

(51) International classification	:C09B 35/031
(31) Priority Document No	:09160247.4
(32) Priority Date	:14/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002845
Filing Date	:08/05/2010
(87) International Publication No	:WO 2010/130386
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)RAINER NUSSER

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(57) Abstract :

Acid dyes, a process for their preparation and their use for dyeing organic substrates of the general formula (I), wherein the substituents have the meaning as indicated in the claims.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8488/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FAMILY OF ATTACHMENT DEVICES WITH VARIABLE TAPER

(51) International classification	:F16B 5/02
(31) Priority Document No	:0953959
(32) Priority Date	:13/06/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051126
Filing Date	:08/06/2010
(87) International Publication No	:WO 2010/142901
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LISI AEROSPACE

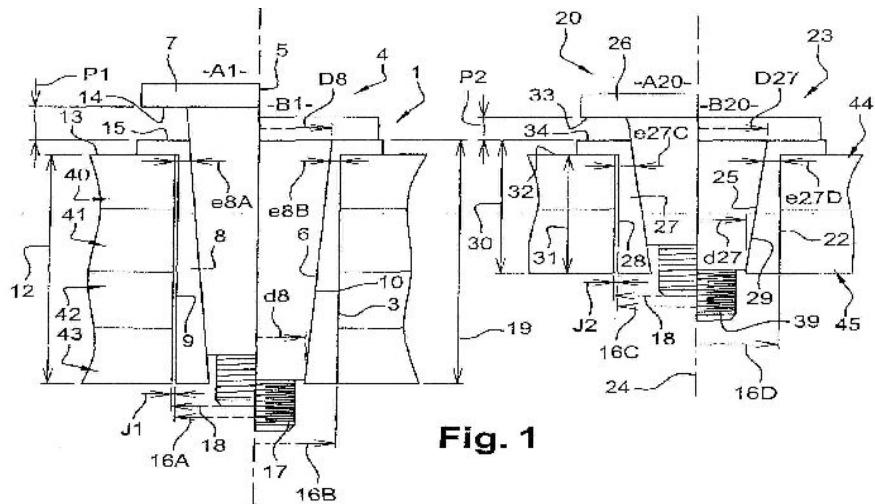
Address of Applicant :14/16 RUE SAINT-HILAIRE, ZI DU VERT GALANT, F-95310 SAINT OUEN L'AUMONE, FRANCE

(72)Name of Inventor :

1)GUERIN NICOLAS

(57) Abstract :

Family of attachment devices with variable taper In the prior art, a multitude of families of different drills and lengths exist, varying per diameter of the attachment, contrary to attachments with cylindrical bodies, for which a single tool is sufficient. One of ordinary skill in the art must provide for the appropriate tool and device for each thickness of the element being fastened, which represents a significant cost in tooling, in addition to a loss of the time required to change the tooling. The invention relates to the idea of adapting the rate of taper (C1; C2) of the device (1; 20) according to the thickness being fastened (12; 31). Preferably, the rate of taper of the bushings falls between 1% and 4%. Thus, with three or four reference clearances for devices with the same outer diameter (16A; 16C), however a different rate of taper, all conceivable element thicknesses can be fastened, without modifying the diameter of the bore made within the elements being assembled. Figure 1.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8490/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DIAMIDE COMPOUNDS HAVING MUSCARINIC RECEPTOR ANTAGONIST AND 2 ADRENERGIC RECEPTOR AGONIST ACTIVITY

(51) International classification	:C07D 401/12
(31) Priority Document No	:61/172,039
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2010/031356 :16/04/2010
(87) International Publication No	:WO 2010/123766
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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Address of Applicant :901 GATEWAY BOULEVARD,
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(72)Name of Inventor :

1)ADAM HUGHES

2)DANIAL BYUN

3)YAN CHEN

4)MELISSA FLEURY

5)JOHN R. JACOBSEN

6)ERIC L. STANGELAND

7)RICHARD D. WILSON

8)ROSE YEN

(57) Abstract :

This invention relates to a compound of formula I; or a pharmaceutically acceptable salt thereof Such compounds possess both muscarinic receptor antagonist and 2 adrenergic receptor agonist activities. The invention also relates to pharmaceutical compositions comprising such compounds, process and intermediates for preparing such compounds, and methods of using such compounds as bronchodilating agents to treat pulmonary disorders.

No. of Pages : 130 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8465/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHODS APPARATUS AND ARTICLES OF MANUFACTURE TO PROVIDE SECONDARY CONTENT IN ASSOCIATION WITH PRIMARY BROADCAST MEDIA CONTENT

(51) International classification	:H04H 60/68
(31) Priority Document No	:61/174,787
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033201
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/127268
(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)HARKNESS DAVID HENRY

2)RAMASWAMY ARUN

3)SAMSON JEROME

4)BESEHANIC JAN

5)SRINIVASAN VENUGOPAL

6)TOPCHY ALEXANDER PAVLOVICH

(57) Abstract :

Example methods, apparatus and articles of manufacture to provide media content are disclosed. A disclosed example method includes receiving audio output by a first media presentation device, obtaining at least one of a Nielsen code or an Arbitron® code from the audio, the obtained code being representative of at least one of the first media content or a broadcaster of the first media content, obtaining second media content based on the extracted code, and presenting the second media content on a second media presentation device different from the first media presentation device

No. of Pages : 163 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8466/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : THREE-DIMENSIONAL STRUCTURE OF ISOPRENE SYNTHASE AND ITS USE THEREOF FOR GENERATING VARIANTS

(51) International classification	:C12N 9/88
(31) Priority Document No	:61/172,199
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032134
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/124146
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DANISCO US INC.

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(72)**Name of Inventor :**

1)BECK ZACHARY

2)BOTT RICHARD R.

3)RIFE CHRISTOPHER LEE

4)WELLS DEREK H.

5)MILLER JEFFREY V.

(57) Abstract :

The present invention provides a three-dimensional structures of *P. tremuloides* isoprene synthase and *P. alba* isoprene synthase. The invention also provides methods of using the three dimensional structure to design isoprene synthases with improved activity for increased isoprene production in microbial host cells. Biosynthetically produced isoprene of the present invention finds use in the manufacture of rubber and elastomers.

No. of Pages : 598 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8467/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PRESSURE BASED LOAD MEASUREMENT

(51) International classification	:F03D 7/04
(31) Priority Document No	:12/424,617
(32) Priority Date	:16/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/0308000
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/120712
(61) Patent of Addition to Application Number	:NA NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FRONTIER WIND, LLC

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(72)Name of Inventor :

1)MAYDA EDWARD A.

(57) Abstract :

A system and method for a pressure based load measurement system are provided. The system includes two pressure orifices arranged on a top surface and a bottom surface of an airfoil. The pressure differential between these two points is determined and an estimate of the aerodynamic load generated by the airfoil is determined from a linear correlation between pressure differential and load. The location of the orifices may be optimized using analytical or experimental techniques and a least squares empirical curve fit may be used to fit the data collected.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8468/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PROCESS FOR PRODUCING P-DICHLOROBENZENE

(51) International classification	:C07C 17/12
(31) Priority Document No	:2009-102917
(32) Priority Date	:21/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/056638
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/122925
(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)ASAOKA, SACHIO

2)KAWABATA, TOMOHIRO

(57) Abstract :

Provided is a process for producing p-DCB by which, when operated for an actual facility, an objective product can be obtained with a high yield and stable operations are capable. Specifically provided is a process for producing p-dichlorobenzene by chlorinating at least one of benzene and monochlorobenzene as a raw material with a chlorine gas, a catalyst composed mostly of alumina is charged in each of reactors provided in a plurality of stages. The chlorine gas is fed in parallel to the respective reactors, the raw material and the chlorine gas are fed to the reactor of a first stage, a reaction product from a former stage is fed to the reactor of a next stage, the chlorine gas is fed in parallel to the reactors of following stages and the p-dichlorobenzene is obtained from a reaction product from a final stage.

No. of Pages : 50 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8495/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BIFACIAL SOLAR CELLS WITH BACK SURFACE DOPING

(51) International classification	:H01L 31/042
(31) Priority Document No	:61/215,199
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001173
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/126570
(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)KAES, MARTIN

2)BORDEN, PETER

3)OUNADJELA, KAMEL

4)KRAENZL, ANDREAS

5)BLOSSE, ALAIN

6)KIRSCHT, FRITZ G.

(57) Abstract :

A simplified manufacturing process and the resultant bifacial solar cell (BSC) are provided, the simplified manufacturing process reducing manufacturing costs. The BSC includes an active region (107) located on the front surface of the substrate (101), formed for example by a phosphorous diffusion step. The back surface includes a doped region (103), the doped region having the same conductivity as the substrate but with a higher doping level. Contact grids (111/113) are formed, for example by screen printing. Front junction isolation is accomplished using a laser scribe.

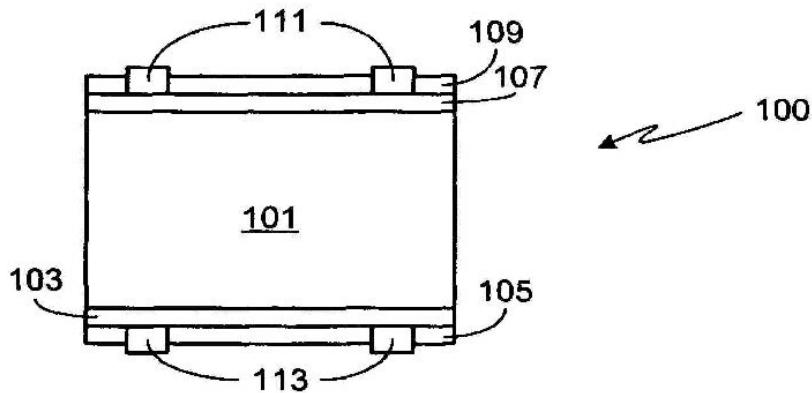


FIG. 1

No. of Pages : 13 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8477/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR MANUFACTURING MOLTEN IRON

(51) International classification	:C21C 5/28
(31) Priority Document No	:2009-118288
(32) Priority Date	:15/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058192
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/131740
(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) TERUYOSHI HIRAKAWA

(57) Abstract :

An object of the present invention is to provide a method for producing molten iron, the method being capable of minimizing the generation of converter dust and increasing the thermal degree of freedom in the converter process. In addition, the present invention provides a method for improving a converter operation method in the production of steels. The present invention relates to a method for producing molten iron including the steps of: 1) supplying carbon-containing molten pig iron to a converter, 2) continuously supplying iron oxide into the converter, and 3) blowing a mixed gas comprising a fuel gas and a combustion-supporting gas at a speed equal to or faster than the speed of sound to the molten pig iron to cause a combustion reaction, thereby heating the molten pig iron by heat of the combustion reaction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8479/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ELASTOMER FINISHING

(51) International classification	:B29B 13/06
(31) Priority Document No	:12/475,034
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031592
Filing Date	:19/04/2010
(87) International Publication No	:WO 2010/138257
(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)RICHARD CHENG-MING YEH

2)YU FENG WANG

3)J. P. SWOBODA

4)OSCAR K. BROUSSARD III

(57) Abstract :

In the production of elastomers the product obtained from the polymerization process is often in the form of a slurry. Described herein are an apparatus and a process for finishing the elastomer, i.e., dewatering and drying the elastomer. The process comprises the steps of obtaining a slurry comprising water and elastomer; passing the slurry through a first dewatering device to produce a wet elastomer crumb, wherein the first dewatering device comprises two dewatering extruders in parallel; passing the wet elastomer crumb through a second dewatering device; and then passing the wet elastomer crumb through a drying device to produce a dried elastomer crumb.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8480/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CHARGING DURATION DETERMINATION

(51) International classification	:H02J 7/14
(31) Priority Document No	:0950423-4
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2010/050547
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/144023
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCANIA CV AB

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(72)Name of Inventor :

1)GUNNAR LEDFELT

(57) Abstract :

An improved method and arrangement for determining a resulting charging duration to be used for charging at least one starter battery in a dual battery system is disclosed. The dual battery system comprises at least one power battery being connected to-an-electrical system comprising a starter motor and battery charging means, and the at least one starter battery, being connectable in parallel with the at least one power battery. According to the invention, an initial charging duration is determined based on a temperature of the at least one starter battery and on a measure of a behaviour of a starter motor, when the starter motor is activated. Further, the resulting charging duration to be used for charging the at least one starter battery is determined, during charging of the at least one starter battery, based on the initial charging duration and on a relation between a nominal charging voltage and an actual charging voltage being used for charging the at least one starter battery. By the present invention, the resulting charging duration to be used can be determined very exactly by adapting it to the actual parameters having an influence on the quality and efficiency for charging of the starter batteries.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8501/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ANTIBODIES SPECIFIC TO E6 PROTEINS OF HPV AND USE THEREOF

(51) International classification	:C12P 21/08	(71)Name of Applicant :
(31) Priority Document No	:61,171,039	1)ARBOR VITA CORPORATION
(32) Priority Date	:20/04/2009	Address of Applicant :6611 DUMBARTON CIRCLE, FREMONT, CA 94555, UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2010/001189 :20/04/2010	1)DIXON, ERIC, P. 2)BLAESIUS, RAINER 3)SIMKINS, STEPHEN 4)KNAPP, STEVEN, L. 5)BROUGH, GEORGE, H. 6)LENZ, KAREN 7)SCHWEIZER, JOHANNES 8)LU, PETER 9)GARMAN, DAVID 10)SILVER, JON 11)MAHONEY, CHARLES 12)DIAZ-SARMIENTO, CHAMORRO, SOMOZA
(87) International Publication No	:WO 2010/123561	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject invention provides an antibody composition for detecting E6 protein of at least one HPV strain in a sample. The subject antibodies may be used to detect oncogenic HPV E6 proteins in a sample, and the antibodies find use in a variety of diagnostic and therapeutic applications, including methods of diagnosing and treating cancer. Kits for performing the subject methods and containing the subject antibodies are also provided. Also disclosed in the present invention is a method of generating an antibody that specifically binds to amino-terminus of E6 proteins of at least two HPV strains.

No. of Pages : 157 No. of Claims : 240

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8491/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ORGANIC COMPOUNDS

(51) International classification	:C09B 23/01
(31) Priority Document No	:09160236.7
(32) Priority Date	:14/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2010/002840
Filing Date	:08/05/2010
(87) International Publication No	:WO 2010/130381
(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)RAINER NUSSER

2)ULRICH GEIGER

3)LUDWIG HASEMANN

(57) Abstract :

Compounds of the general formula(I) a process for their preparation and their use for dyeing and/or printing organic substrates.

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8493/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM, FLOATING UNIT AND METHOD FOR ELEVATING PAYLOADS

(51) International classification	:B64C 39/02
(31) Priority Document No	:61/166,820
(32) Priority Date	:06/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000273
Filing Date	:06/04/2010
(87) International Publication No	:WO 2010/116362
(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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20600, ISRAEL

(72)Name of Inventor :

1)RONEN KEIDAR

2)SHAY COHEN

(57) Abstract :

A method, system and a floating unit. The floating unit includes a propeller, a frame; a propeller motor that is configured to rotate the propeller about a first axis; wherein the propeller motor is coupled to the frame, a movable steering element; a controller, for controlling at least one of the propeller motor and the movable steering unit to affect at least one of a location and an orientation of the floating unit; and an interfacing module for coupling a payload to the floating unit and for receiving power from a connecting element that couples the floating unit to a ground unit; wherein the power received by the power interface is utilized to power the propeller motor and the controller.

No. of Pages : 53 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8494/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : IMIDAZOPYRAZINES FOR USE AS KINASE INHIBITORS

(51) International classification	:C07D 487/04	(71) Name of Applicant :
(31) Priority Document No	:09380079.5	1)CENTRO NACIONAL DE INVESTIGACIONES
(32) Priority Date	:16/04/2009	ONCOLOGICAS (CNIO)
(33) Name of priority country	:EPO	Address of Applicant :MELCHOR FERNANDEZ,
(86) International Application No	:PCT/GB2010/000773	ALMAGRO 3, E-28029 MADRID, SPAIN
Filing Date	:16/04/2010	(72) Name of Inventor :
(87) International Publication No	:WO 2010/119264	1)PASTOR, FERNANDEZ, JOAQUIN
(61) Patent of Addition to Application Number	:NA	2)MARTINEZ GONZALEZ, SONIA
Filing Date	:NA	3)OYARZABAL SANTAMARINA, JULEN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided compounds of formula (I), wherein R1, R2, R3, R4 and R5 have meanings given in the description, and pharmaceutically-acceptable esters, amides, solvates or salts thereof, which compounds are useful in the treatment of diseases in which inhibition of a protein or lipid kinase (e.g. a PI3-K and/or mTOR) is desired and/or required, and particularly in the treatment of cancer or a proliferative disease.

No. of Pages : 216 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8496/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : REVERSIBLE TENSIONING DEVICE, AS FOR A CONVEYOR

(51) International classification	:B65G 45/16
(31) Priority Document No	:61/172,961
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/069189
Filing Date	:22/12/2009
(87) International Publication No	:WO 2010/126558
(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)ZEHNDER, ADAM

2)MOTT, GEORGE, T.

(57) Abstract :

A tensioner 10, 10' for applying force to a device to be tensioned is configurable for applying force in different directions and comprises: a mounting plate 20 having a guide 24; a slidable member 30 slidable relative to the guide 24 of the mounting plate 20 for receiving a support for a device to be tensioned; a spring 40, 42 for being coupled to the mounting plate 20 and to the slidable member 30, wherein the spring 40, 42 urges the slidable member 30 in one direction when coupled to the mounting plate 20 and to the slidable member 30 in a first configuration and urges the slidable member 30 in an opposite direction when coupled to the mounting plate 20 and to the slidable member 30 in a second configuration. The tensioner 10, 10' configurations enable the tensioner 10, 10' either to pull or to push the support for the device to be tensioned.

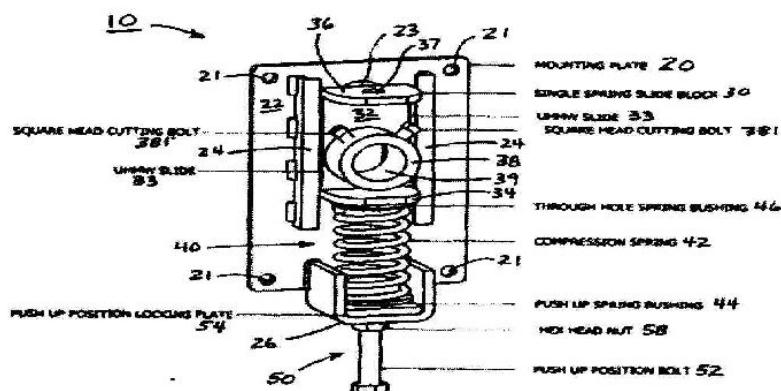


FIGURE 10
(PUSHING)

No. of Pages : 47 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8497/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BIFACIAL SOLAR CELLS WITH BACK SURFACE REFLECTOR

(51) International classification :H01L 31/04
(31) Priority Document No :61/215,199
(32) Priority Date :01/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/001175
 Filing Date :19/04/2010
(87) International Publication No :WO 2010/126572
(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 :
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2)BORDEN, PETER
3)OUNADJELA, KAMEL
4)KRAENZL, ANDREAS
5)BLOSSE, ALAIN
6)KIRSCHT, FRITZ G.

(57) Abstract :

A simplified manufacturing process and the resultant bifacial solar cell (BSC) are provided, the simplified manufacturing process reducing manufacturing costs. The BSC includes a back surface contact grid (113) and an overlaid blanket metal reflector (117). A doped amorphous silicon layer is interposed between the contact grid and the blanket layer.

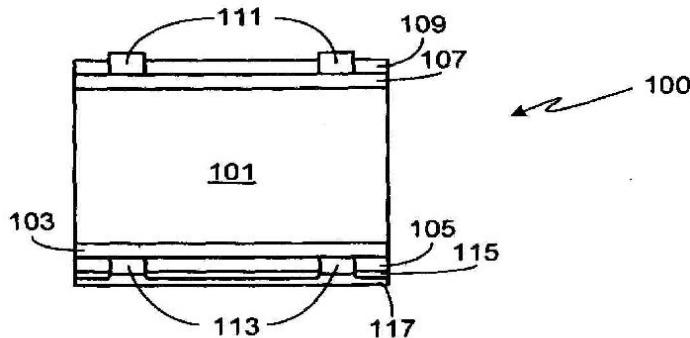


FIG. 1

No. of Pages : 33 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8498/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BIFACIAL SOLAR CELLS WITH OVERLAID BACK GRID SURFACE

(51) International classification :H01L 31/042
(31) Priority Document No :61/215,199
(32) Priority Date :01/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/001174
 Filing Date :19/04/2010
(87) International Publication No :WO 2010/126571
(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)KAES, MARTIN
2)BORDEN, PETER
3)OUNADJELA, KAMEL
4)KRAENZL, ANDREAS
5)BLOSSE, ALAIN
6)KIRSCHT, FRITZ G.

(57) Abstract :

A simplified manufacturing process and the resultant bifacial solar cell (BSC) are provided, the simplified manufacturing process reducing manufacturing costs. The BSC includes an active region (103) located on the front surface of the substrate (101), formed for example by a phosphorous diffusion step. After removing the PSG, assuming phosphorous diffusion, and isolating the front junction, dielectric layers (105/107) are deposited on the front and back surfaces. Contact grids (109/111) are formed, for example by screen printing. Prior to depositing the back surface dielectric, a metal grid may be applied to the back surface, the back surface contact grid registered to, and alloyed to, the metal grid during contact firing.

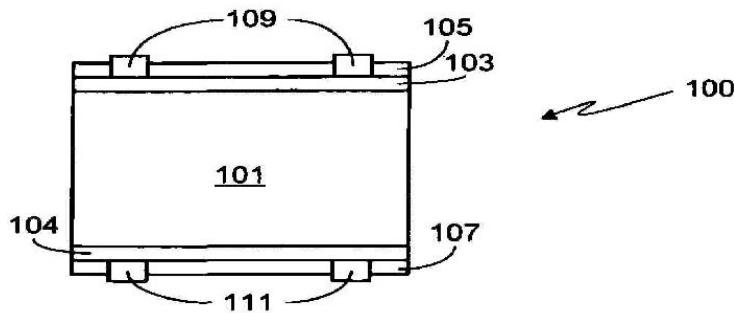


FIG. 1

No. of Pages : 17 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8500/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HAIR COSMETIC

(51) International classification	:A61K 8/41
(31) Priority Document No	:2009-095423
(32) Priority Date	:10/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055969
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/116940
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHISEIDO COMPANY, LTD.

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

(72)Name of Inventor :

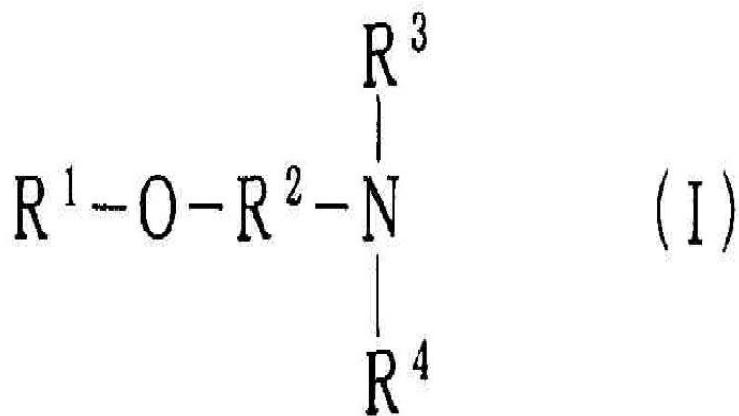
1)NAGANO, TANEMASA

2)WATANABE, TOMOKO

3)IWAI, SHIGERU

(57) Abstract :

To provide means for improving sensation of hair in application of a hair cosmetic composition, particularly a hair conditioner, after washing of the hair. The present inventors have found that the object can be attained by a hair cosmetic composition containing the following ingredients (1) to (4): (1) a hydroxyetheramine compound represented by formula (I) in an amount of 0.01 to 10 mass% with respect to the hair cosmetic composition: [F1] wherein R1 represents a C6 to C24 linear or branched alkyl group or alkenyl group, R2 represents a C2 to C6 linear or branched hydroxyalkylene or hydroxyalkylenyl group, and R3 and R4, which are, identical to or different from each other, each represent a hydrogen atom or a C1 to C6 linear alkyl group; (2) a higher alcohol and/or a higher fatty acid in an amount of 0.1 to 20 mass% with respect to the hair cosmetic composition; (3) an organic acid having an aromatic ring skeleton; and (4) water.



No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8502/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR APPLYING MODEL TRACKING TO MOTION CAPTURE

(51) International classification	:A63F 13/00
(31) Priority Document No	:61/174,950
(32) Priority Date	:01/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032366
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/126816
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,
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OF AMERICA

(72)Name of Inventor :

1)MARGOLIS, JEFFREY

(57) Abstract :

An image such as a depth image of a scene may be received, observed, or captured by a device and a model of a user in the image may be generated. The model may then be adjusted to mimic one or more movements by the user. For example, the model may be a skeletal model having joints and bones that may be adjusted into poses corresponding to the movements of the user in physical space. A motion capture file of the movement of the user may be generated in real-time based on the adjusted model. For example, a set of vectors that define the joints and bones for each of the poses of the adjusted model may be captured and rendered in the motion capture file.

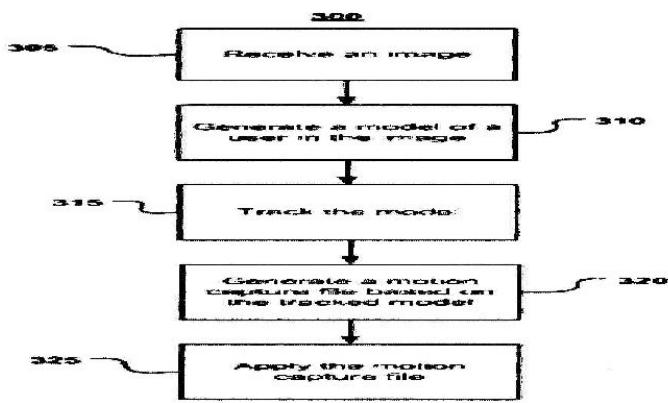


FIG. 5

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8504/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INTRAOCULAR LENS DELIVERY SYSTEM WITH A DISPOSABLE PLUNGER SEGMENT AND METHOD OF USE THEREFOR

(51) International classification

:A61F 2/16

(31) Priority Document No

:61/182,270

(32) Priority Date

:29/05/2009

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2010/035384

Filing Date

:19/05/2010

(87) International Publication No

:WO 2010/138352

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ALCON RESEARCH, LTD.

Address of Applicant :6201 SOUTH FREEWAY, MAIL CODE TB4-8, FORT WORTH, TEXAS 76134-2099, UNITED STATES OF AMERICA

(72)Name of Inventor :

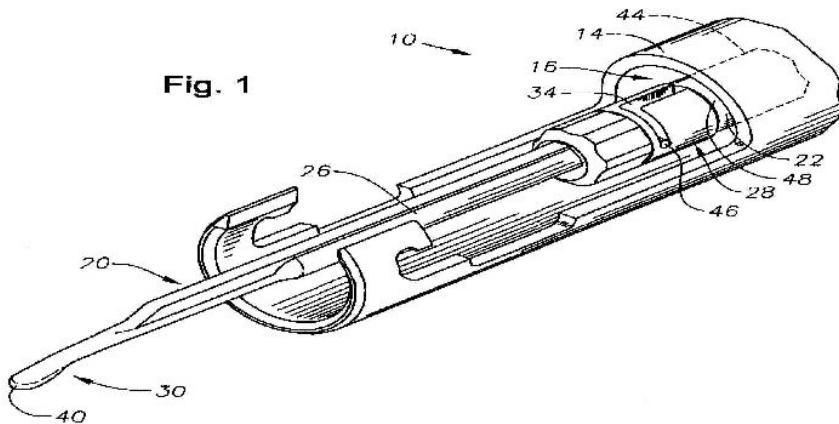
1)MUCHHALA, SUSHANT

2)DOWNER, DAVID A.

(57) Abstract :

The present invention is directed to an intraocular lens delivery system with a multi-segment plunger. More particularly, the present invention relates to an intraocular lens delivery device that includes a disposable plunger tip segment that can be attached and removed from a reusable plunger base segment.

Fig. 1



No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8506/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BIOREACTOR AND METHOD OF MOUNTING A SEPARATOR IN A REACTOR VESSEL

(51) International classification	:C02F 3/28
(31) Priority Document No	:09159335.0
(32) Priority Date	:04/05/2009
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/NL2010/050255
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/128851
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PAQUES BIO SYSTEMS B.V.

Address of Applicant :TJALKE DE BOERSTRJITTE 24, NL-8561 EL BALK, THE NETHERLANDS

(72)Name of Inventor :

1)FRANKENA, DOUWE

2)VELLINGA, SJOERD HUBERTUS JOSEF

(57) Abstract :

Bioreactor and method of mounting a separator in a reactor vessel The invention relates to a bioreactor (1) comprising a reactor vessel (41) having a reaction chamber (2) located generally above an inlet system (4) for influent or a mixture of influent and recycled material, wherein a separator (17,18) is mounted in the reactor vessel (41) wherein a gas guiding device (130) extends outwardly from the separator (17,19) towards an interior wall of the reactor vessel (41). In an embodiment the gas guiding device (130) comprises a flexible seal (136), the gas guiding device (130) being arranged to bring the seal (136) in contact with the vessel interior wall (41).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/10/2011

(21) Application No.8165/DELNP/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FLAKED FISH ANALOGS AND METHODS FOR MAKING SUCH ANALOGS

(51) International classification	:A23L 1/325
(31) Priority Document No	:61/214,698
(32) Priority Date	:27/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001111
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/126563
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NESTEC S.A.

Address of Applicant :AVENUE NESTLE 55, CH-1800
VEVEY, SWITZERLAND

(72)Name of Inventor :

1)SAYLOCK, MICHAEL, JOHN

(57) Abstract :

The invention provides flaked fish analogs comprising from about 18 to about 25% protein, from about 3 to about 9% fat, and from about 60 to about 85% moisture. The compositions have a realistic fish-like appearance and texture, mostly due to the presence of flakes that mimic the flakes of real fish.

No. of Pages : 29 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1590/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A NOVEL MACHINE FOR EXTRACTING FIBRE FROM BANANA PSEUDOSTEM SHEATHS

(51) International classification	:F02F 7/00	(71) Name of Applicant : 1)INDIAN COUNCIL AGRICULTURAL RESEARCH Address of Applicant :ADENWALA ROAD, MATUNGA, MUMBAI-400 019,MAHARASHTRA,INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)R.P.NACHANE
(87) International Publication No	:N/A	2)N.G.SAVANI
(61) Patent of Addition to Application Number	:NA	3)R.G.PATIL
Filing Date	:NA	4)B.N.KOLAMBE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an improved raspador machine for extracting fibre from banana pseudostem characterized in having enhanced operation and throughput.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1782/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FRONT ENGINED 6X2 BUS CONFIGURATION

(51) International classification	:G06F17/00	(71) Name of Applicant : 1)ASIA MOTOR WORKS LIMITED Address of Applicant :REGISTERED OFFICE AT 34 KM., MILESTONE,BHUJ-BHACHAU ROAD,VILLAGE KANAIYABE,BHUJ-370 020 & CORPORATE OFFICE t 7TH FLOOR,TOWER 1,EQUINOX BUSINESS PARK,(PENINSULA TECHNO PARK), OFF BANDRA KURLA ROAD,L.B.S.MARG, KURLA(WEST),MUMBAI-400 070 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A front engined rear drive bus with 6x2 configuration comprising at least two rear axles (3,4) and one front axle (5); an engine (1) with a cooling system (18) located at the front and mounted on the frame (8); said engine connected to rear R1 axle (3) through transmission means; at least one rear R2 axle (4) located behind said rear R1 axle (3) wherein both rear axles are mounted by means of air suspension system- (10) configured to be packaged in a constricted space around said engine (1) and capable of meeting the legal limits of Turning circle diameter and also reducing the swaying/road shocks of the bus and dampening it down to the levels of a rear engined bus.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/06/2011

(21) Application No.1797/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SHIVRAM SHIKAR PUMP

(51) International classification	:F04D29/00	(71) Name of Applicant : 1)ASHOK POPATRAO PATOLE Address of Applicant :AT POST VADNER BHAIRAV, TAL. CHANDWAD, DIST. NASIK.423111. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)ASHOK POPATRAO PATOLE
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/06/2011

(21) Application No.1846/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AUTOMATIC TUBULAR FABRIC REVERSING MACHINE

(51) International classification	:D04B1/00	(71) Name of Applicant : 1)Pithwa Kantibhai Pragjibhai Address of Applicant :Banglow No. 68 Puspak Banglows B/H Swagat Plaza II Complex Opp. Ambli Gam BopalAmbli Road Ambli Ahmedabad-380058 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	2)Pithwa Jaymin Kantibhai
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Pithwa Kantibhai Pragjibhai
Filing Date	:NA	2)Pithwa Jaymin Kantibhai
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This present invention discloses an automatic tubular fabric reversing machine for reversing tubular shaped fabrics with less consumption of time and energy. This instant invention discloses an automatic tubular fabric reversing machine comprises a horizontally placed hollow pipe (1) open from the top with reversing ring (3), base frame structure (5), magnetic blocks (2) and support rollers (8). Surface winder (4) is connected with the hollow pipe (1) through nip rollers (6) and guide roller (7). Nip rollers (6) and surface winder (4) both are internally connected with the nip roll drive (10) and winder drive (9) respectively to drive nip rollers and winding rollers.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2011

(21) Application No.1847/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DATABASE SAMPLING

(51) International classification	:G06F17/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :NIRMAL BUILDING,9TH FLOOR,
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INDIA

(72)**Name of Inventor :**

1)PATWARDHAN , NIKHIL

2)JOHRI , SUMIT

3)LIMAYE , AMOL

4)ROY , ASHIM

5)KULKARNI , RUPALI

6)LODHA,SACHIN

(57) Abstract :

The present subject matter relates to systems and methods for database sampling. The method comprises identifying at least one query table and one or more associated tables amongst a plurality of tables in a production database, based on filtering criteria. Further, the method comprises generating a key value list for the at least one query table and each of the one or more associated tables based on an order indicated by an order list. Based on the generated key value list, the sample data is extracted in a reverse order indicated by the order list, from the at least one query table and each of the one or more associated tables.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2011

(21) Application No.1848/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ANTI-THROMBOTIC COMPOUNDS

(51) International classification	:A61P9/00	(71) Name of Applicant : 1)IPCA LABORATORIES LIMITED Address of Applicant :48,KANDIVLI INDUSTRIAL ESTATE, CHARKOP,KANDIVALI(WEST),MUMBAI-400 067, MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KUMAR , ASHOK
(87) International Publication No	:N/A	2)SOUADGAR , SATISH RAJANIKANT
(61) Patent of Addition to Application Number	:NA	3)NELLITHANATH , THANKACHEN BYJU
Filing Date	:NA	4)SAHAL , GAURAV
(62) Divisional to Application Number	:NA	5)MATHUR , ARPANA PRASHANT
Filing Date	:NA	6)GAWADE , SANJAY PANDURANG
		7)BHADRA , DINESH KANJI
		8)MOJE, DEVKI

(57) Abstract :

A. substantially pure isomer of an intermediate metabolite of clopidogrel, namely, (7aS,2'S)-2-oxoclopidogrel and its pharmaceutically acceptable salts thereof are disclosed for treatment of thrombo-embolism and/or cardiovascular diseases.

No. of Pages : 47 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1624/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A NOVEL PROCESS FOR MANUFACTURING BANANA CANDY FROM BANANA PSEUDOSTEM

(51) International classification

:A23L

2/02

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INDIA COUNCIL OF AGRICULTURAL RESEARCH

Address of Applicant :ADENWALA ROAD MATUNGA,
MUMBAI-400 019, MAHARASHTRA,INDIA

(72)Name of Inventor :

1)PARAG PANDIT

2)C.S.DESAI

3)K.K.PATIL

4)S.K.DESAI

5)B.N.KOLAMBE

6)R.G.PATIL

(57) Abstract :

The present invention is related to a process for preparation of banana central core candy useful for health conscious people. A process for preparation of banana candy consisting of banana central core stem, a sweetening agent, a flavoring agent and acidifying agent is disclosed.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2011

(21) Application No.1841/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FORMULATION DEVELOPMENT AND EVALUATION OF FLOATING MICROBALLOONS FOR ORAL CONTROLLED DELIVERY OF DOMPERIDONE

(51) International classification	:A61K31/445 A61K31/551 A61K47/30	(71) Name of Applicant : 1)DR .LADDHA SACHIN SHYAMSUNDAR Address of Applicant :FLAT NO.1201 TOWER 4, SWASTIK REGALIA, KAVESAR, WAGHBILL, GB ROAD, THANE(W)-4006047(MS) Maharashtra India 2)MR.GORDE NILESH KESHAVRAO (72) Name of Inventor : 1)DR .LADDHA SACHIN SHYAMSUNDAR 2)MR.GORDE NILESH KESHAVRAO 3)MR.SANAP GAJANAN SURYABHAN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A process is disclosed for formulation development and evaluation of floating microballoons for oral controlled delivery of domperidone. The process further includes the emulsion solvent diffusion method utilizing enteric acrylic polymers dissolved in a mixture of dichloromethane and ethanol. In addition, the process involves full factorial design in formulating the microballoons with ratio of solvents and polymers. Further, the process uses constrained optimization in formulating the floating microballoons of domperidone. Moreover, the floating microballoons of Domperidone showed excellent encapsulation efficiency, good buoyancy and prolonged drug release.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2011

(21) Application No.1843/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A COOLING ARRANGEMENT UTILIZING SOLAR ENERGY

(51) International classification	:H01L31/052
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)THERMAX LIMITED

Address of Applicant :D-13,MIDC INDUSTRIAL AREA,
R.D.AGA ROAD, CHINCHWAD,PUNE-411019,

MAHARASHTRA, INDIA

(72)Name of Inventor :

1)RAMAKRISHNA SONDE

2)BABU P

3)CHAVAN SUHAS

(57) Abstract :

A cooling/heating arrangement using solar energy is disclosed. The arrangement comprises storing excess solar energy in a first thermal storage chamber (20a) by means of heat storage phase change material which provides a fixed temperature heat source for operating a vapor absorption machine (30). Chilled water generated in the vapor absorption machine (30) is received in a second thermal storage chamber (20b) comprising cold storage phase change material which provides a selective temperature cooling source, used to generate cold air in an air conditioning unit. Alternatively, the vapor absorption machine (30) is bypassed and the fixed temperature heat source is used to heat water in a heat exchanger (95). This hot water is then used to heat air in the air conditioning unit. The arrangement provides consistent and continuous cooling/heating even under fluctuations in the heat input and cooling/heating load.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1860/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : IMPROVED ONE POT PROCESS FOR SYNTHESIS OF BUSPIRONE BASE

(51) International classification	:A61K31/445 A61K31/505 A61P25/20	(71) Name of Applicant : 1)UNICHEM LABORATORIES LIMITED Address of Applicant :UNICHEM BHAVAN, PRABHAT ESTATE, S.V. ROAD, JOGESHWARI (WEST), MUMBAI-400 102. Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DR.AJIT MADHUKAR BHOBE
(33) Name of priority country	:NA	2)DR.JAGANNATH BHAGAWANROA LAMTURE
(86) International Application No	:NA	3)DR.TRYAMBAK MURLIDHAR SONAR
Filing Date	:NA	4)MR.YASHWANT SHAMBHAJIRAO SURVE
(87) International Publication No	: NA	5)MR.NAVNATH BHAUSAHEB SHINDE
(61) Patent of Addition to Application Number	:NA	6)MR.DEVIDAS MADHAVRAO PATIL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved one-pot process for the preparation of pure Buspirone base. The said process involves the step of condensation of 1-(2-pyrimidinyl)-piperazine, 1,4-dibromobutane and 3,3-tetramethylene glutarimide in presence of an inorganic base and in an organic solvent.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1861/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : NOVEL SALT OF OSELTAMIVIR

(51) International classification	:C07C233/52	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER,SATELLITE CROSS ROAD,AHMEDABAD-380015 Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SINGH,MANOJ,KUMAR
(87) International Publication No	:N/A	2)VAKHARIYA,CHETAN
(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 Oseltamivir salt of formula (II) wherein in S represents a pharmaceutically acceptable acids selected from the group consisting of benzoic acid, benzene sulphonic acid, methane sulphonic acid, acetic acid, tartaric acid, fumaric acid, citric acid, oxalic acid, p-toluene sulfonic acid, naphthalene sulfonic acid, succinic acid, malic acid.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1849/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ANTI ROLL BACK SYSTEM FOR MANUAL TRANSMISSION VEHICLES

(51) International classification	:B60T7/12 B60W10/18 B60W30/18	(71) Name of Applicant : 1)KNORR-BREMSE SYSTEMS FOR COMMERCIALS VEHICLES INDIA PVT.LTD Address of Applicant :SURVEY NOS.280 & 281, VILLAGE MANN, HINJAWADI,PHASE II,TALUKA MULSHI, PUNE-411057 M.S. INDIA,
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MAHESH SHAHAPURE
(33) Name of priority country	:NA	2)ARUN BISHT
(86) International Application No	:NA	3)ABHISHEK JADHAV
Filing Date	:NA	4)JAYDEEP GANGURDE
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An anti roll back system for manual transmission vehicles is disclosed. The system includes a first switch, a second switch, a third switch, a fourth switch, a fifth switch, a diverting means and a flow control means. The improvement comprises the system working in conjunction with a vehicle braking. When the vehicle is stationary and inclined, upon releasing the brakes, the flow control means releases the air from the rear brake actuator at a slow rate which enables to maintain the vehicle stationary even after the brakes are released. The slow release of air provides some time that enables driver to accelerate the vehicle to roll up the hills in intended direction against the slope of inclined surface.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1859/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AUTOMATIC SOLAR TRACKING SYSTEM FOR COLLECTOR DISH WITHOUT USE OF ELECTRICITY

(51) International classification	:H01L 31/052	(71) Name of Applicant : 1)CHAVAN SHRIRANG Address of Applicant :AtPost-Vasagade,Tal-Palus, Dist-Sangali, Maharashtra, India 2)MAGADE PRAMOD 3)SHELAR NARENDRA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)CHAVAN SHRIRANG 2)MAGADE PRAMOD 3)SHELAR NARENDRA
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	4)SHELAR VIJAY
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

An automatic solar tracking apparatus for facilitating movement of a solar power converter for tracking movement of the Sun for enabling maximum impingement of solar energy on the solar power converter is disclosed. The automatic solar tracking apparatus includes a piston cylinder assembly and a rope mechanism. The piston cylinder assembly includes a cylinder and a piston assembly. The rope mechanism is connected to the piston cylinder assembly and the solar power converter. The rope mechanism includes a rope and a drum and shaft assembly. The rope is connected to the solar power converter and a second end of the piston rod. The drum and shaft assembly winds/un-winds the rope thereon and operated by movement of the piston assembly for enabling the solar power converter for tracking movement of the Sun for facilitating maximum impingement of solar energy on the solar power converter.

No. of Pages : 105 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1872/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A CONTEXT-AWARE RECOMMENDER SYSTEM CONSIDERING USER PREFERENCES AND LEARNED BEHAVIOR

(51) International classification :G06Q50/00H04W4/08H04W4/12
(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
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)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
INDIA.

(72)Name of Inventor :

1)MUKHERJEE DEBNATH

2)BANERJEE SNEHASIS

3)BHATTACHARYA SIDDHARTH

4)MISRA PRATEEP

(57) Abstract :

The present invention provides a context aware recommendation system and method for recommending at least one program to the user responsive to dynamically varying user preferences, learned user behavior and user contextual information. The said recommended program is a television program, radio programs or a music file. The system and method further alert the user about change in user's preferences and guides the user to change stated preferences.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1873/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A NOVEL SOLID ORAL DOSAGE FORMS OF PARACETAMOL

(51) International classification	:A61K31/167,A61K9/50	(71) Name of Applicant : 1)FDC LIMITED Address of Applicant :142-48, S.V. ROAD, JOGESHWARI(WEST), MUMBAI -400 102, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a solid oral gastroretentive dosage form of paracetamol comprising a system of hydrophilic swellable floating matrix in combination with a bioadhesive system, wherein said combination of drug delivery system consists of hydrogel(s), superdisintegrant(s), microenvironmental pH modifier(s) and pharmaceutically acceptable excipients. The gastroretentive drug delivery system of present invention provides enhanced bioavailability, reduced side effects, stable formulation and offers better patient compliance by reducing dosing frequency and adverse drug reactions.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/06/2011

(21) Application No.1834/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A METHOD OF TREATING SPINAL CORD INJURY

(51) International classification	:A61B5/00	(71) Name of Applicant : 1)INDUS BIOTECH PRIVATE LIMITED Address of Applicant :1 Rahul Residency Plot Nos. 6 & 7 Off Salunke Vihar Road Kondhwa Pune 411 048 Maharashtra India.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SUNIL BHASKARAN
(61) Patent of Addition to Application Number	:NA	2)MOHAN VISHWARAMAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a method of treatment of spinal cord injury using compound of formula I optionally along with excipients.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1855/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF SUBSTITUTED AMINE HYDROCHLORIDE AND HYDRATES THEREOF - KEY RAW MATERIAL FOR A LARGE NO OF PHARMACEUTICAL DRUGS.

(51) International classification	:C07C 209/68	(71) Name of Applicant : 1)ARCH PHARMLABS LIMITED Address of Applicant :H WING,4TH FLOOR,TEX CENTER,OFF SAKI VIHAR ROAD,CHANDIVALI,ANDHERI(EAST) MUMBAI-400 072, 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) Name of Inventor : 1)KAMATH AJIT ANNU 2)UJAGER ASHISH MOHAN 3)GAUTAM BHANUPRATAP SINGH TARACHANDRA SINGH 4)CHAUDHARI GIRISH NAMDEO 5)N/A
(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 :

This invention is directed to an efficient and economical process for the preparation of substituted amine hydro halides of formula I, particularly to N,N-dimethylamine hydrochloride of formula II and hydrates thereof; and its further use for making various APIs.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1857/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PRECURSOR FOR POLYOLEFIN CATALYST

(51) International classification	:C07F17/00 C08F10/00 C08F4/659 :NA :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71) Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3rd FLOOR MAKER CHAMBER-IV 222,NARIMAN PONT MUMBAI-400021 Maharashtra India (72) Name of Inventor : 1)MAKWANA UMESH 2)KOTHARI AJAY 3)DESAI BHAVESH 4)GUPTA VIRENDRAKUMAR
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(57) Abstract :

The present invention provides titanium based precursor for polyolefin catalyst with desired morphology and high particle strength. The of preparation of the precursor in accordance with the present invention obviates the use of iodine.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1875/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DOUBLE-BASE NUMBER SYSTEM BASED DATA PROCESSING

(51) International classification	:G06K 9/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BULIDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)NATARAJAN, VIJAYARANGAN
Filing Date	:NA	
(87) International Publication 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 subject matter described herein is directed to a computer implemented method for reducing memory usage. The method comprises computing bits data by performing bits computation process on the input data, A maximum value attainable by exponents of at least one summand required to convert the input data to a DBNS representation is then ascertained based on the bits data. Based on the ascertaining, the at least one summand is determined such that the at least one summand is a 2-integer nearest to the input data. The input data is then converted to DBNS representation based on the at least one summand.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1876/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DATA PROCESSING BASED ON MULTI-BASE NUMBERS

(51) International classification	:G06K 9/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BULIDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)NATARAJAN, VIJAYARANGAN
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject matter described herein is directed to a computer implemented method for reducing memory usage. The method includes computing by a processor (102) a first n-integer which is largest of integers less than or equal to input data. Further, exponents corresponding to the first n-integer are stored in a memory (106). Further, a first difference between the input data and the first n-integer is ascertained. A maximum value for an exponent of each base of a next n-integer is determined as a minimum of a stored exponent of corresponding base and one plus floor of logarithm of the first difference in the corresponding base. The method further includes computing by the processor (102) the next n-integer nearest to the first difference with exponents in a range of zero to the maximum value of the corresponding base.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1877/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DATA PROCESSING BASED ON DOUBLE-BASE NUMBERS

(51) International classification	:G06K 9/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BULIDING,9TH FLOOR,NARIMAN POINT MUMBAI-400021 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)NATARAJAN VIJAYARANGAN
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject matter described herein is directed to a computer implemented method for reducing memory usage. The method includes computing by a processor (102) a first 2-integer which is largest of 2-integers less than or equal to an input data. The first 2-integer is computed based on a number of bits required to represent the input data. Further, exponents corresponding to first 2-integer are stored in a memory (106). Further, a maximum value for an exponent of each base of a next 2-integer is determined as a minimum of a stored exponent of corresponding base and one plus floor of logarithm of a first difference, between the input data and the first 2-integer, in the corresponding base. The method further includes computing by the processor (102) the next 2-integer nearest to the first difference with exponents in a range of zero to the maximum value of the corresponding base.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2011

(21) Application No.1885/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ADDITIVE AND METHOD FOR REMOVAL OF CALCIUM FROM CRUDE OILS CONTAINING CALCIUM NAPHTHENATE

(51) International classification :C10G17/02C10G19/00C10G31/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)DORF KETAL CHEMICALS (INDIA) PRIVATE LIMITED

Address of Applicant :DORF KETAL TOWER, D'MONTE STREET, ORLEM, MALAD (W) MUMBAI - 400 064, MAHARASHTRA, INDIA

(72)Name of Inventor :

1)SUBRAMANIYAM, MAHESH

(57) Abstract :

There is provided an additive and method for removal of calcium from crude oil or its blends containing calcium naphthenate at low pH as well as at high pH varying from 5 to 11, preferably from 6 to 11, more preferably from 7 to 11, wherein the additive is glyoxal and said pH is of the wash water for crude oil processing systems. There is also provided an additive and method for removal of calcium from crude oil or its blends containing calcium naphthenate, wherein crude oil is treated with wash water containing alkaline medium selected from the group comprising sodium hydroxide (NaOH or caustic), ammonia or amine compound, or mixture thereof, and wherein pH of the wash water or of the processing mixture in the desalter varies from 5 to 11, preferably from 6 to 11, preferably from 7 to 11, characterized in that the additive is glyoxal and the crude oil or its blend is treated with glyoxal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2011

(21) Application No.1886/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUSES AND METHODS FOR MULTIPLE SERVICE NETWORKS MANAGEMENT IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification	:H03H 1/00	(71) Name of Applicant : 1)MEDIA TEK INC. Address of Applicant :NO. 1, DUSING RD. 1ST., SCIENCE-BASED INDUSTRIAL PARK, HSINCHU 300, TAIWAN,
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)HSIN-HSIUNG CHIU
(33) Name of priority country	:NA	2)CHIEN-AN CHEN
(86) International Application No Filing Date	:NA	3)YU-SYUAN JHENG
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A wireless communications device is provided with a processor capable of managing a plurality of service networks. The processor is configured to detect a switch signal from a man-machine interface (MMI), direct a display device to display a menu showing all SIM indicators corresponding to available service networks respectively after the switch signal is detected, detect a selection signal indicative to a first service network of the available service networks from the MMI, establish a first connection with the first service network for a foreground application, and perform an operation of the foreground application through the established first connection.

No. of Pages : 60 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2011

(21) Application No.1887/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A METHOD AND A SYSTEM FOR MULTILOCATION TRACKING AND NAVIGATION OF A VEHICLE

(51) International classification	:G01C21/28G01S19/49	(71) Name of Applicant : 1)AMIT ASHOK Address of Applicant :A 203 DHEERAJ REGENCY, SIDDHARTH NAGAR, BORIVALI (E), MUMBAI 400066, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and a method for tracking moving objects in real time. The method steps comprises identifying location of the object at a given instant of time from a receiver means (101) and transmitting the same for processing to a controller means (102), analysing the signal received from the controller means to derive location specific data, identifying availability of network with at least one subscriber information module (SIM) (104, 105, 106, 107) configured for operating in a specific location, establishing a link with the SIM that is active in the specified location or in defined SIM by the microcontroller to be used in that location; and communicating a signal acknowledging the location to the receiver means. The system comprises receiver means, controller means, plurality of subscriber information modules (SIMs) and communicator link means (103).

No. of Pages : 14 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2011

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

(43) Publication Date : 04/01/2013

(54) Title of the invention : AUTOMATIC BRICKS MAKING PORTABLE MACHINE

(51) International classification :B28B11/08B28B5/00B28B7/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
(62) Divisional to Application
 Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)JAIN ALOK BHOPAL SINGH

Address of Applicant :316, GREEN AVENUE COMPLEX, F-TOWER, NEAR UNION SQUARE GALI, GHODDOD ROAD, SURAT, GUJARAT STATE, INDIA.

(72)Name of Inventor :

1)JAIN ALOK BHOPAL SINGH

(57) Abstract :

A machine for automatic manufacturing of bricks mainly comprises of mixing and ramming assembly, rotating assembly, die displacement assembly and portability assembly, which manufactures sharp edged, uniformly surfaced and strong bricks automatically, without any technical assistance and is portable too.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1862/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF TALTIRELIN

(51) International classification	:C07D239/22 C07K5/062	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWAR,SATELLITE CROSS ROAD,AHMEDABAD-380015 Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SHAH,KALPESH
(87) International Publication No	:N/A	2)PANDEY,BIPIN
(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 encompasses a new synthetic approach for production of Taltirelin and more particularly to a method for producing Taltirelin using solid phase peptide synthesis technique. It also discloses a novel methodology to prepare Taltirelin free base from its salts. The present invention also discloses amorphous form of Taltirelin or its salts and process for the preparation thereof.

No. of Pages : 47 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1878/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DATA PROCESSING BASED ON TRIPLE-BASE NUMBERS

(51) International classification	:G06K 9/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)NATARAJAN, VIJAYARANGAN
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The subject matter described herein is directed to a computer implemented method for reducing memory usage. The method includes computing by a processor (102) a first 3-integer which is largest of 3-integers less than or equal to an input data. Further, exponents corresponding to the first 3-integer are in a range of zero to floor of logarithm of the input data in base 5 and stored in a memory (106). Further, a first difference between the input data and the first 3-integer is ascertained. A maximum value for an exponent of each base of a next 3-integer is determined. The method further comprises computing by the processor (102) the next 3-integer nearest to the first difference with exponents corresponding to the next 3-integer in a range of zero to the maximum value of the corresponding base.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1894/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MULTIPLEXING VIDEO CONTENTS FROM MULTIPLE BROADCASTING CHANNELS INTO SINGLE BROADCASTING CHANNEL

(51) International classification	:H04N13/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING,9TH FLOOR
(33) Name of priority country	:NA	NARIMAN POINT,MUMBAI-400021 Maharashtra India
(86) International Application No Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)PAL ARPAN
(61) Patent of Addition to Application Number Filing Date	:NA	2)SINHA ANIRUDDHA
(62) Divisional to Application Number Filing Date	:NA	3)SAHA ARVINDAM
		4)GHOSH HIRANMAY
		5)SHROFF GAUTAM

(57) Abstract :

A method and system for multiplexing of multiple channels of video data through a single analog broadcasting channel is disclosed. The method enables a spatial and temporal multiplexing of videos of each of the multiple channels. The multiplexed content is created as a result of multiplexing that is encoded to generate digital transport stream that is transmitted through analog medium. The system enables a STB receiver to decode each of the videos from the stream. At least one video from the multiple videos is played on the television based on user selection.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1895/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : GAMMA-ORYZANOL ENRICHED NATURAL OIL FOR ENHANCEMENT OF SOLUBILITY AND BIOAVAILABILITY OF PHARMACEUTICAL ACTIVES

(51) International classification	:A61K8/14 A61K8/92 A61K8/97	(71) Name of Applicant : 1)VAVIA PRADEEP RATILAL Address of Applicant :DEPARTMENT OF PHARMACEUTICAL SCIENCES AND TECHNOLOGY, INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY),NATHALAL PARIKH MARG, MATUNGA EAST MUMBAI 400 019 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) Name of Inventor : 1)VAVIA PRADEEP RATILAL 2)PAWAR SMITA KISANSING
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention describes the pharmaceutical composition as oral liquid preconcentrate microemulsion comprising poorly water soluble pharmaceutical active ingredient. The said oral pharmaceutical composition comprises of lipophilic phase as combination of vegetable oil and synthetic oil, a co-surfactant, and a surfactant. The said pharmaceutical composition which upon dilution with gastric fluid or aqueous system forms microemulsion having average particle size below 100 nm.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1896/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR PROVIDING ADDITIONAL INFORMATION RELATED TO PRIMARY CONTENT

(51) International classification	:G06F9/445 G07F7/10	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR NARIMAN POINT,MUMBAI-400021 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) Name of Inventor : 1)DEY SURATH 2)CHAKRAVARTY KINGSHUK
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present application provides system and method for providing additional information related to a primary content to a target information seeker. A system for providing additional information related to at least one primary content without disturbing the primary content, the said system comprising of: at least one color code generator adapted to generate at least color code, each color code is preconfigured with encoded data value; an embedding means adapted to embed the at least color code into at least one boundary of at least one primary content; a video/image rendering device adapted to: capture the embedded color coded primary content; extract at least one color code pattern from the captured primary content and decode at least one color code pattern to render at least one encoded data value for providing additional information related to the primary content.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/06/2011

(21) Application No.1890/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COTTON BOLLS PICKING MACHINE

(51) International classification	:A01D46/16	(71) Name of Applicant : 1)NATUBHAI R WADHER Address of Applicant :VILLAGE: ERWADA, TA: PATDI DIST: SURENDRANAGAR PIN: 382750, GUJARAT 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 : 1)NATUBHAI R WADHER
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a portable cotton bolls picking machine that can be attached to any tractor. The cotton bolls picking machine comprises of a power transmission unit, said unit comprising of plurality of shafts; a cotton plucking unit connected to the power transmission unit and adapted to extract cotton bolls from cotton plants; a conveying unit connected to the cotton plucking unit for transmitting the cotton bolls to a blower (20) through a conveyer belt (19); and a storage unit connected to the conveying unit through a pipe (21) for storing the cotton bolls.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1891/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : POLYMERIC MESHES HAVING MULTISPECTRAL FUNCTIONAL PROPERTIES FOR BARRIER APPLICATION

(51) International classification	:G06F15/16	(71) Name of Applicant : 1)GARWARE-WALL ROPES LIMITED Address of Applicant :PLOT NO.11,BLOCK D-1, MIDC, CHINCHWAD,PUNE - 411 019. 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) Name of Inventor : 1)SANJAY VASUDEO RAUT
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A polymeric fabric made, inter alia, of polymeric material having resistance against the fungal growth, rodent repellent, flame retardant, abrasion resistance, repelling rats & insects, biological resistant, weathering resistant, durability / longer life, and like, is disclosed. The polymeric fabric is a warp knitted raschel fabric produced on single needle machine double bar construction. The barrier effect is significantly enhanced by placing the top fabric layer horizontally with its axis juxtaposed by 90 degrees over the bottom fabric layer. The polymeric fabric so constructed in accordance with the present invention, can be used as an effective barrier in various applications such as, but without limiting it to, spreading & flow of particular matter such as dust, sand, water, smoke, pollutant gases, deserts, snow covered surface, muddy areas, etc. It is the object of present invention to develop a multilayer mesh structure suitable for reducing the interruption of particular matters by using polymeric fabric.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1893/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR NETWORK TRANSACTION ANALYSIS

(51) International classification :G06Q30/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
 Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :1574/MUM/2005
 Filed on :01/01/1900
(62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**

1)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
INDIA.

(72)**Name of Inventor :**

1)DEY, SURATH

2)TEWARI, TANMAYA

(57) Abstract :

An agent based approach for network transaction analysis. The application provides a method and system for monitoring and analyzing network transaction in active mode using light weight agents, wherein the agents are configured and implemented on each of the server where the applications are hosted.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1908/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A SYSTEM FOR MODULAR SEATING ARRANGEMENT

(51) International classification	:A47C7/00	(71) Name of Applicant : 1)MR. RAJESH GANGAR Address of Applicant :801, LILIUM, MAHINDRA GARDEN, S.V. ROAD, GOREGAON (W), MUMBAI 400062, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for modular seating arrangement for vehicle or aircraft or any other application has seating unit pivoted on vehicle or aircraft floor or ground , which can be fixed or rotatable or both at any angle to longitudinal angle of seating unit with each seating unit having seating space and seat back frame. The seat units are positioned in such way that they will face front, rear or side wall of vehicle or aircraft or any other application. The seating units are arranged in such manner that they can rotate at any angle so that passengers feel comfortable while they are in conversation by making eye to eye contact. These vehicle seats are foldable or removable or rolling or stalking or sliding so that more space can be created by rearranging or realigning or reconfiguring the unoccupied seats which increases comfort level of passengers

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1609/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A NOVEL ORGANIC FERTILIZER OF BANANA PSEUDOSTEM

(51) International classification	:	C05F 11/08	(71) Name of Applicant : 1) INDIAN COUNCIL OF AGRICULTURAL RESEARCH Address of Applicant :ADENWALA ROAD,MATUNGA, MUMBAI-400 019,MAHARASHTRA,INDIA
(31) Priority Document No	:	:NA	(72) Name of Inventor :
(32) Priority Date	:	:NA	1) B.N.KOLAMBE
(33) Name of priority country	:	:NA	2) K.K.PATEL
(86) International Application No	:	:NA	3) S.L.PAWAR
Filing Date	:	:NA	4) J.M.PATEL
(87) International Publication No	:	:N/A	5) D.R.PRAJAPATI
(61) Patent of Addition to Application Number	:	:NA	6) VIJAY ANAND
Filing Date	:	:NA	7) H.B.VAIDYA
(62) Divisional to Application Number	:	:NA	8) R.G.PATIL
Filing Date	:	:NA	

(57) Abstract :

The present invention provides a bio-enriched organic fertilizer composition intended to minimize use of chemical fertilizers. Also disclosed are methods for preparing said organic fertilizer composition from selection of organic substrates including banana pseudostem sap and method of using said organic fertilizer composition for eliciting improved crop response in both controlled and open field cultivation conditions.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2011

(21) Application No.1838/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A REFRIGERANT COOLING SYSTEM AND METHOD THEREOF

(51) International classification	:H05K 7/20	(71) Name of Applicant : 1)TATA MOTORS LIMITED. Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor : 1)MANEESH ARORA 2)RAVI KUMAR
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a refrigerant cooling system of a vehicle comprising: a first condenser having a first compartment and a second compartment for desuperheating and subcooling the refrigerant respectively, wherein a radiator fan supplies air on to the first condenser; a receiver drier integrated in the second compartment of the first condenser to remove moisture in the refrigerant; and a second condenser mounted parallel to the first condenser to which the desuperheated refrigerant from the first compartment is fed for further desuperheating and condensing the refrigerant and said refrigerant from the second condenser is fed to the second compartment for subcooling, wherein an intercooler fan supplies air on to the second condenser.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1899/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MACHINE FOR FILLING CAPSULES WITH POWDER, ESPECIALLY PHARMACEUTICAL POWDER

(51) International classification	:A61J3/07	(71) Name of Applicant : 1)SCI-TECH CENTER Address of Applicant :7 PRABHAT NAGAR,JOGESHWARI WEST,MUMBAI 400021 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SINGH JASJIT
(87) International Publication No	:N/A	2)DESHMUKH PRAKASH
(61) Patent of Addition to Application Number	:NA	3)D'SILVA JAMES
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Machine for filling capsules with powder, especially pharmaceutical or neutraceutical powder. The machine includes a powder feeder (1) comprising a feed hopper (2) having a pair of sensors (3, 4) located therein at different levels to sense the minimum and maximum powder levels in the feed hopper. A feed screw (5) is horizontally rotatably disposed in a chamber (6) located at the bottom of the feed hopper. Drive means (11, 12, 13) is connected to the feed screw at the driven end thereof. The leading end of the feed screw extends to a powder discharge duct (15) depending down from the chamber and extending into a powder tub (16) disposed for rotation intermittently at intervals about a vertical axis

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1916/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF ASENAPINE AND NOVEL SALTS THEREOF

(51) International classification	:A61K31/407 A61K9/00 A61P25/00	(71) Name of Applicant : 1)MEGAFINE PHARMA (P) LTD. Address of Applicant :4TH FLOOR, SETHNA, 55, MAHARSHI KARVE ROAD, MARINE LINES, MUMBAI - 400 002, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)MATHAD VIJAYAVITTHAL THIPPANNACHAR
(33) Name of priority country	:NA	2)SOLANKI PAVANKUMAR VRAJLAL
(86) International Application No	:NA	3)UPPELLI SEKHAR BABU
Filing Date	:NA	4)CHAVAN SHRAVAN RATAN
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparation of asenapine of formula (I) or its acid addition salts; Formula (I) The said process comprises preparation of trans racemate of asenapine by reacting trans-11-chloro-2,3,3a, 12b-tetrahydro-2-methyl-1H-dibenzo[2,3:6,7]oxepino[4,5-c]pyrrol-1-one with mixture of aluminium chloride and lithium aluminium hydride in solvent followed by converting it into acid addition salt of asenapine followed by hydrolyzing the acid addition salt into trans racemate asenapine base and converting the asenapine base into acid addition salt. Asenapine sulphate of formula (Via) and asenapine maleate of formula (IVb) are also disclosed. The co-precipitate of acid addition salt of asenapine with a pharmaceutically acceptable excipient of formula (V); is also disclosed.

No. of Pages : 44 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1900/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : NEUTRAL TO EARTH OVERVOLTAGE DETECTION DEVICE

(51) International classification	:H02H3/20	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LTD Address of Applicant :GATEWAY BUILDING,APOLLO BUNDER,MUMBAl 400001 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electronic device for continuously monitoring the neutral to earth voltage of an electronic or electrical equipment operating on AC mains. The device (30) comprises a voltage amplifier (32) configured to receive and amplify the voltage across the neutral (14) and earthing (16) of the equipment, a voltage rectifier (37) configured to receive and rectify the voltage from the amplifier, a voltage comparator (34) configured to compare the rectified voltage received from the rectifier with a reference DC voltage preset in the comparator and give a low output or a high output depending on whether the rectified voltage is below the reference voltage or at or above the reference voltage, a semiconducting switch (54) configured to remain in open position when the comparator output is low and to switch to closed position when the comparator output is high and a relay (36) comprising a common contact (C), a normally closed (NC) contact and a normally open (NO) contact. The amplifier is configured to receive power from a DC power supply (31). The voltage comparator and common contact of the relay are powered by a DC voltage source (31a). The NC and NO contacts of the relay are connected to a first indicator and to a second indicator respectively. Also an electronic device for continuously monitoring the neutral to earth voltage of an electronic or electrical equipment operating on AC mains and disconnecting the AC mains to the equipment under neutral to earth over voltage conditions, in which the NC and NO contacts of the relay are connected to a tripping device connecting the equipment to the AC mains).

No. of Pages : 19 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1901/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DRAFT FORCE SENSING DEVICE FOR A WORK VEHICLE

(51) International classification	:B60R16/023	(71) Name of Applicant : 1)MAHINDRA & MAHINDRA LTD Address of Applicant :GATEWAY BUILDING,APOLLO BUNDER,MUMBAI 400001 MAHARSHTRA,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 : 1)MULLA IBRAHIM HASAN 2)RAVINDRA BINESH 3)Khole VIJAYKUMAR BHALCHANDRA
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A draft force including a sensing rod insertable within a holding bracket of the hydraulic system and connectable to an end of a top link of the three point hitch, the top link transmits the draft load exerted thereupon by the implement to the sensing rod in a direction perpendicular to a longitudinal axis of the sensing rod, one of the ends of the sensing rod having a seating space for positioning a PCB circuit that is electrically connected to the controller, the sensing rod including, a first mating member having a first elongated body that has a first planar surface, the first planar surface including a closed loop groove formed thereon defining a sensor receiving zone, the sensor receiving zone receiving a substantially thin film sensor connectable to the PCB circuit, and a second mating member having a second elongated body that has a second planar surface, the second planar surface including a protruding boundary formed thereon, the protruding boundary positively fits within the closed loop groove formed on the first planar surface when the first and second mating members are joined.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/02/2012

(21) Application No.309/MUMNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SIGNAL PROCESSING METHOD AND APPARATUS THEREFOR USING SCREEN SIZE OF DISPLAY DEVICE□

(51) International classification	:H04N 13/00
(31) Priority Document No	:61/224,106
(32) Priority Date	:09/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004416
Filing Date	:07/07/2010
(87) International Publication No	:WO/2011/005025
(61) 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 :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442-742 Republic of Korea

(72)**Name of Inventor :**

1)CHUNG Hyun-Kwon

2)BAK Bong-Gil

3)RHYU Sung-Ryeul

(57) Abstract :

A signal processing method involving extracting three-dimensional effect adjustment information from a memory in a video image reproducing apparatus; and adjusting a three-dimensional effect of a video image according to the three-dimensional effect adjustment information, and outputting the video image.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1917/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROCESSING CREDIT DATA QUERIES

(51) International classification	:H04L9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INTELENET GLOBAL SERVICES PVT. LTD.

Address of Applicant :INTELENET TOWERS, 1406-A/28,
MINDSPACE MALAD (WEST), MUMBAI - 400 064.

Maharashtra India

(72)Name of Inventor :

1)AWASTHI, RAMNISH

2)VERMA, AMITA

3)NARAYANAN, SRINIWAS VENGARAI,

DORAISWAMY, VENGARAI

4)SUDHAKAR, WELLING, SANJAY

(57) Abstract :

This invention relates to a method implemented in a computing device for processing credit data request of plurality of users, using central credit server, the method comprising: receiving a credit data request from each of the plurality of users by plurality of means, providing the each of the plurality of users a request reference by the computing server, processing the credit data request by the computing server using database, central credit server and credit bureau database, providing the each user of the plurality of users information requested in the credit data request.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3071/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR MANUFACTURING SEPARATION PLATE FOR SEPARATION-PLATE TYPE CENTRIFUGAL SEPARATOR

(51) International classification	:B01D 29/74	(71) Name of Applicant : 1)Sadao SHINOHARA Address of Applicant :2-27-15 Sumida Sumida-ku Tokyo Japan.
(31) Priority Document No	:2010- 246869	(72) Name of Inventor : 1)Sadao SHINOHARA
(32) Priority Date	:02/11/2010	
(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 method for manufacturing a separation plate for a separation-plate type centrifugal separator, wherein each of separation plates is in a truncated conical shape and the separation plates are stacked in a direction of a rotation axis in a rotating body of the separation-plate type centrifugal separator, for providing separation space partitioning protrusion pieces, each of which is in a strip shape, on a conical surface of the separation plate at predetermined positions in an integral fashion, which conical surface is formed by press drawing processing, the method comprising: using a positioning conical die detachably fitted in a close fashion to an outer periphery of the conical surface of the separation plate; previously forming positioning holes on the positioning conical die at predetermined portions corresponding to predetermined positions of the separation plate in a state where the positioning conical die is closely fitted to the conical surface of the separation plate, wherein the separation space partitioning protrusion pieces are fitted into the positioning holes which are the same in shape as the separation space partitioning protrusion pieces in a state where the separation space partitioning protrusion pieces are integrated into the conical surface; and inserting the separation space partitioning protrusion pieces formed separately into the positioning holes, and welding the separation space partitioning protrusion pieces on the conical surface of the separation plate, in a state where the positioning conical die is closely fitted to the conical surface of the separation plate, whereby the separation space partitioning protrusion pieces are provided on the conical surface of the separation plate in an integral fashion.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3107/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR THE DETECTION OF SOLID SUBSTANCES IN A LIQUID PHASE

(51) International classification	:B01F15/00	(71) Name of Applicant :
(31) Priority Document No	:10192601.2	1)Mettler-Toledo AG Address of Applicant :Im Langacher 44 CH-8606 Greifensee Switzerland.
(32) Priority Date	:25/11/2010	
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)ENGELHARDT Matthias
Filing Date	:NA	2)SCHUSTER Guido
(87) International Publication No	: NA	3)MEYER Michalis
(61) Patent of Addition to Application Number	:NA	4)NUFER Bruno
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns an apparatus and a method for the detection of solid substances in a liquid phase, wherein the solid substance and the liquid phase are enclosed as a mixture in an at least partially transparent container, and wherein the apparatus includes a processor unit and a camera to make digitized images in the form of arrays of pixels with their associated pixel values. The apparatus further includes an agitator device to hold the container and to impart movements to the container, whereby kinetic energy is transmitted to the mixture. The camera is aimed at a transparent portion of the container to take images of the mixture in motion. The digitized images of the mixture in motion, which are taken by the camera during a recording phase, are transmitted to the processor unit.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/02/2012

(21) Application No.308/MUMNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ENHANCED POSITIONING ASSISTANCE DATA FOR REDUCED SIGNALING□

(51) International classification	:G01S5/02
(31) Priority Document No	:61/233,415
(32) Priority Date	:12/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045326
Filing Date	:12/08/2010
(87) International Publication No	:WO/2011/019917
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

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United States of America

(72)Name of Inventor :

1)PRAKASH Rajat

2)TENNY Nathan E.

3)AGASHE Parag A.

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(57) Abstract :

Apparatus and methods for determining a location estimate of a mobile device based on an extended set of assistance data are presented. The extended assistance data includes assistance data for base stations, such as cellular base stations and access points, not expected to be viewable by the mobile device in a (current) first geographical area but expected to be viewable by the mobile device in a (future) second geographical area. By seeding the mobile device with assistance data expected to be useful in the future, the network reduces messaging between the network and mobile device and battery consumption by the mobile device.

No. of Pages : 51 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3082/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DRIP RESISTANT DISPENSING VALVE FOR FLUIDS

(51) International classification

:B67D3/00

(31) Priority Document No

:12/940,715

(32) Priority Date

:05/11/2010

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)International Dispensing Corporation

Address of Applicant :P. O. Box 1324 Millersville MD
21108 USA.

(72)Name of Inventor :

1)Daniel Beard

2)Kevin Totten

3)Charles Webster

(57) Abstract :

A drip resistant dispensing valve for fluids is disclosed, which provides a dispensing outlet configured to minimize the tendency for residual fluid to collect in and drip from the dispensing outlet while maintaining a simple construction for ease of manufacture. The dispensing outlet face is situated a distance away from the valve body, which tends to prevent, or at least minimize the risk of, contact between potentially contaminating external surfaces with the surfaces of the discharge outlet. Such construction assists in minimizing the retention of fluid on the surfaces of the dispensing outlet, and migration of the fluid to surfaces outside of the dispensing outlet that could tend to promote growth of biological contaminants and/or provide additional surfaces that could pool fluid following a dispensing operation and thereafter drip from the valve. A shell is provided around the dispensing outlet to assist in avoiding contamination of the valve and of the fluid being dispensed through the valve, and to aid in positioning a receptacle for receiving fluid from the dispensing valve.

No. of Pages : 42 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3089/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : POWER SEMICONDUCTOR SYSTEM

(51) International classification	:H01L23/053	(71) Name of Applicant : 1)SEMIKRON ELEKTRONIK GMBH & CO. KG Address of Applicant :SIGMUNDSTRASSE 200,90431 NUERNBERG, GERMANY
(31) Priority Document No	:10 2010043446.9	
(32) Priority Date	:05/11/2010	
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)PETER BECKEDAHL
Filing Date	:NA	2)HARTMUT KULAS
(87) International Publication No	:n/a	3)FRANK EBERSBERGER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The application relates to relates to a power semiconductor system and also a method for producing a power semiconductor system. In one embodiment, the application relates to a power semiconductor system, comprising a line system for a fluid working medium; wall element having an outer side and an inner side; and a power semiconductor circuit arranged at the outer side of the wall element, wherein the inner side of the wall element forms a liquid- and/or gas-tight wall of the line system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/11/2011

(21) Application No.3132/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MIMO ANTENNA HAVING PLURALITY OF ISOLATION ADJUSTMENT PORTIONS

(51) International classification	:H01Q1/38	(71) Name of Applicant :
(31) Priority Document No	:10-2010-116730	1)MOBITECH CORP. Address of Applicant :1111 Star Valley Tower 60-11 Gasan-dong Geumcheon-gu Seoul 153-777 Republic of Korea.
(32) Priority Date	:23/11/2010	(72) Name of Inventor :
(33) Name of priority country	:Republic of Korea	1)Chan-Ho KIM 2)Jin-Myung KIM 3)Jae-Ho LEE 4)Heung-Ju Ahn
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication 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 herein is a Multiple-Input and Multiple-Output (MIMO) antenna having a plurality of isolation adjustment portions. The MIMO antenna includes a plurality of radiation elements and a plurality of isolation adjustment portions. The plurality of radiation elements is symmetrically formed on the surfaces of the left and right sides of a dielectric element having a predetermined shape is spaced apart from each other by a predetermined distance operates in multiple frequency bands and includes feeding portions respectively. The plurality of isolation adjustment portions is coupled to the plurality of radiation elements so that they have electromagnetic characteristics different from those of the plurality of radiation elements thereby improving isolation in each of the frequency bands in which the plurality of radiation elements operate.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3108/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DOSAGE-DISPENSING DEVICE

(51) International classification	:B65B1/06	(71) Name of Applicant :
(31) Priority Document No	:10192661.6	1)Mettler-Toledo AG
(32) Priority Date	:26/11/2010	Address of Applicant :Im Langacher 44 CH-8606 Greifensee
(33) Name of priority country	:EUROPEAN UNION	Switzerland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LCHINGER Paul
(87) International Publication 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 dosage-dispensing unit with an interior space that is delimited by a lateral wall and a bottom portion. The bottom portion further includes an outlet orifice. The dosage-dispensing unit can be connected to a holder device of a dosage-dispensing device. The holder device is supported by constraints that allow movement in a prescribed direction. The central lengthwise axis of the outlet orifice is oriented at a predetermined angle relative to the prescribed direction of movement. The internal surface of the bottom portion facing towards the interior space includes a surface domain comprised of at least a line segment that starts at the outlet orifice and extends in the prescribed direction of movement.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3109/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DOSAGE-DISPENSING UNIT FOR DOSAGE MATERIAL OF A POWDERY OR GRANULAR CONSISTENCY

(51) International classification	:A61G12/00	(71) Name of Applicant :
(31) Priority Document No	:10192865.3	1)Mettler-Toledo AG Address of Applicant :Im Langacher 44 CH-8606 Greifensee Switzerland.
(32) Priority Date	:29/11/2010	
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)BOHLER Lorenz
Filing Date	:NA	
(87) International Publication 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 dosage-dispensing unit for dosage material of a powdery or granular consistency includes a housing, at least one reservoir cavity that is formed inside the housing and serves to receive dosage material, and at least one dispensing head comprising an elastomeric material. The dispensing head has an outlet which is slit-shaped in its non-deformed state and is delimited by a first outlet lip and a second outlet lip, and which can be opened to a variable width by the application of a lateral compressive force. The arrangement further includes at least a first motion-transmitting means designed to impart an oscillatory movement to the first outlet lip relative to, and in the lengthwise direction of, the second outlet lip.

No. of Pages : 30 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3142/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : INSECTICIDAL COMPOUND

(51) International classification	:C07C 67/14	(71)Name of Applicant : 1)YOSHIO KATSUDA Address of Applicant :10-10, KAMIKOTOEN 2-CHOME, NISHINOMIYA-SHI, HYOGO, 662-0813, JAPAN
(31) Priority Document No	:JP2010- 256735	(72)Name of Inventor : 1)YOSHIO KATSUDA 2)MASAFUMI INOUE 3)MASAMICHI OKAMOTO
(32) Priority Date	:17/11/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a new insecticidal compound by paying attention to the insecticidal activity contained in the flower part of marigold, and to provide an insecticide containing the compound as an active ingredient. There are provided an insecticidal compound represented by the following chemical formula: [Formula 1], and an insecticide containing the insecticidal compound as an active ingredient or an insecticide containing, as active ingredients, the insecticidal compound and an insecticidal compound represented by the following chemical formula: [Formula 2], wherein the insecticide can exhibit extraordinary insecticidal efficacy compared with existing pyrethroid-based insecticidal compounds.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3147/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SLIDE VALVE TYPE THROTTLE VALVE

(51) International classification	:F02M 9/02	(71) Name of Applicant : 1)CARBUTECH JAPAN LTD. Address of Applicant :KANAGAWA-KEN,YOKOHAMA-SHI, ISOGO-KU,MORI,6-17-24, JAPAN
(31) Priority Document No	:JP2010-269747	
(32) Priority Date	:16/11/2010	
(33) Name of priority country	:Japan	(72) Name of Inventor : 1)EDA MASATO
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Two stage throttle valve (100) of an internal combustion engine, said valve (100) comprises: a main intake passage (2); a sliding type throttle valve (3) opening and closing said main intake passage (2); a primary throttle valve disposed inside said sliding type throttle valve (3); a primary intake passage (21) configured on said main body (1); a secondary intake passage (22) configured on the downstream side of said a sliding type throttle valve (3); means (17, 18, 19) for coordinating the opening and closing of said intake passages (2, 21, 22) by means of the displacement of said valves; wherein said primary intake passage (21) not being parallel to the direction of the intake air flow in said secondary intake passage (22) and that the inlet of said primary intake passage (21) being open to said main intake passage (2) on the upstream side of said sliding type throttle valve (3).

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/07/2011

(21) Application No.2124/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SMART BRIDGE □OR MEMORY CORE□

(51) International classification	:G06F13/00,G11C5/00,G11C7/00
(31) Priority Document No	:61/503,531
(32) Priority Date	:30/06/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SANDISK TECHNOLOGIES INC.

Address of Applicant :Two Legacy Town Center 6900 North Dallas Parkway Plano Texas 75024 U.S.A.

(72)Name of Inventor :

1)Manuel Antonio d™ Abreu

2)Stephen Skala

3)Dimitris Pantelakis

4)Radhakrishnan Nair

5)Deepak Pancholi

(57) Abstract :

An apparatus includes a first semiconductor device including a NAND flash memory core. The apparatus also includes a second semiconductor device including periphery circuitry associated with NAND flash memory core.

No. of Pages : 58 No. of Claims : 83

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3058/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUSES AND METHODS FOR SAVING POWER IN PAGING OPERATIONS

(51) International classification	:H04W52/02
(31) Priority Document No	:201010607349.3
(32) Priority Date	:27/12/2010
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) **Name of Applicant :**

1)VIA TELECOM, INC.

Address of Applicant :3390 CARMEL MOUNTAIN ROAD,
SAN DIEGO, CA 92121, U.S.A.

(72) **Name of Inventor :**

1)HONG-KUI YANG

2)JIAN GU

3)LIJUN ZHANG

(57) Abstract :

A mobile communication device is provided with a wireless module and a controller module. The wireless module performs wireless transceiving to and from a service network. The controller module receives, on a paging channel, a first predetermined number of symbols in a frame of a time slot via the wireless module, and determines whether to enter a standby mode according to the first predetermined number of symbols. Also, the controller module stops the receiving of subsequent symbols in the frame by deactivating the wireless module in response to entering the standby mode.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3059/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FUEL LINE IN AN AIRCRAFT

(51) International classification	:B23P11/00	(71) Name of Applicant : 1)EADS DEUTSCHLAND GMBH Address of Applicant :WILLY-MASSERSCHMITT-STRASSE, 85521 OTTOBRUNN, GERMANY
(31) Priority Document No	:102010050000.3-22	(72) Name of Inventor : 1)MANFRED HAUG 2)HARTMUT KRESALEK
(32) Priority Date	:02/11/2010	
(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 line segment of a fuel line in an aircraft for connecting at least three lines. In order to provide fuel channeling in an aircraft having, for example, better damage or leakage features, a line segment (50) is provided that has a wall structure (58), which forms a continuous cavity (60). The wall structure has at least three adapter openings (62, 64, 66) for connecting the continuous cavity with respectively one line. The wall structure is designed double walled between the adapter openings in such a way that an intermediate cavity (68) is formed, which encases the continuous cavity.

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/11/2011

(21) Application No.3208/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : BASE MOULD LIFT DAMPING

(51) International classification	:B29C49/36B29C49/42	(71)Name of Applicant :
(31) Priority Document No	:102010051544.2	1)KRONES AG
(32) Priority Date	:18/11/2010	Address of Applicant :BOEHMERWALDSTRASSE 5, 93073
(33) Name of priority country	:Germany	NEUTRAUBLING, GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THOMAS SPITZER
(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 invention concerns a device for forming containers and a method for damped closing of a mould carrier unit and a base mould carrier of a blow mould for forming containers, wherein the device comprises at least one mould carrier unit for holding blow mould parts and a base mould carrier for holding a base mould and a base mould carrier lift device for moving the base mould carrier in conjunction with the movement of the mould carrier unit, wherein the mould carrier unit comprises at least two mould carriers which surround the container to be processed at least during a moulding process, and wherein the base mould carrier by means of the base mould covers a base area of the container to be treated, and wherein the base mould carrier lift device comprises at least one first damping element for damping and limiting the in particular vertical movement of the base mould carrier in relation to the mould carrier unit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/02/2012

(21) Application No.321/MUMNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PEER-TO-PEER COMMUNICATION IN AD HOC WIRELESS NETWORK

(51) International classification	:H04L 12/28
(31) Priority Document No	:60/724,226
(32) Priority Date	:05/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/039278
Filing Date	:05/10/2006
(87) International Publication No	:WO/2007/044597
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:595/MUMNP/2008
Filed on	:29/03/2008

(71)**Name of Applicant :**

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Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714

United States of America

(72)**Name of Inventor :**

1)KUMAR Ravi

2)WALTON Jay Rodney

3)FU Qiang

4)DRAVIDA Subrahmanyam

(57) Abstract :

For a peer-to-peer call in an ad hoc wireless network, a wireless device performs discovery of a target wireless device, performs authentication of the target wireless device and generates a session key (e.g., using a pre-shared key or a certificate provisioned on the wireless device), forms an ad hoc wireless network with the target wireless device, and communicates peer-to-peer with the target wireless device via the ad hoc wireless network. The wireless device may perform discovery with a list of identifiers for wireless devices designated to communicate with this wireless device. The wireless device may derive a service set identifier (SSID) used to identify the ad hoc wireless network based on its user-specific identifier (e.g., its phone number) and/or a user-specific identifier for the target wireless device. The wireless device may also performs IP address discovery using the user-specific identifier for the target wireless device.

No. of Pages : 38 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3090/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : WIND FARM, WIND POWER PLANT IN A WIND FARM AND OPERATING CONTROL FOR THIS PURPOSE.

(51) International classification	:F03D1/06
(31) Priority Document No	:10 2010050591.9
(32) Priority Date	:05/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EADS DEUTSCHLAND GMBH

Address of Applicant :WILLY-MESSERSCHMITT-STRASSE, D-85521 OTTOBRUNN, GERMANY

(72)Name of Inventor :

1)JOACHIM BETTERMANN

2)BORIS BLOCH

3)ANDREAS FRYE

4)MICHAEL GOTTSCHALK

(57) Abstract :

Wind farm and method of controlling operation of a wind farm. The wind farm including a plurality of wind power plants, each equipped in a same manner with a pivoted rotor structure and a control device for controlling the operation of the individual wind power plants. The control device is structured and arranged to synchronize the rotary motions of the rotor structures of at least some of the plurality of wind power plants.

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3091/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CAPACITOR SYSTEM AND METHOD FOR PRODUCING A CAPACITOR SYSTEM

(51) International classification	:C08K3/22
(31) Priority Document No	:102010043445.0
(32) Priority Date	:05/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)SEMIKRON ELEKTRONIK GMBH & CO. KG

Address of Applicant :SIGMUNDSTRASSE 200,90431
NUERNBERG, GERMANY

(72)**Name of Inventor :**

1)FRANK EBERSBERGER

2)PETER BECKEDAHL

3)HARTMUT KULAS

4)PETER SCHOTT

(57) Abstract :

The application relates to a capacitor system and to a method for producing a capacitor system, more particularly a capacitor system and a capacitor system of a power semiconductor module. In one embodiment, the application relates to a capacitor system comprising a metal shaped body having a depression; a capacitor arranged at least partly in the depression; a spacer composed of electrically insulating material, said spacer being arranged at least partly between the capacitor and the metal shaped body in the depression; and an electrically insulating potting material provided in the depression, wherein the potting material fixes the capacitor in the depression in such a way that the capacitor does not touch the metal shaped body.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/11/2011

(21) Application No.3172/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MANAGING DIGITAL RIGHTS THROUGH HOOKING A KERNEL NATIVE API□

(51) International classification	:G06F21/24	(71) Name of Applicant : 1)SAMSUNG SDS CO. LTD Address of Applicant :707-19 Yeoksam 2-dong Gangnam-gu Seoul 135-082 Republic of Korea
(31) Priority Document No	:10-2010-0112146	
(32) Priority Date	:11/11/2010	
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor : 1)LEE Ki-Hyung 2)LEE Gil 3)MOON Heoung-Keun 4)YEO Hwan-Woon 5)KIM Hwang-Hoo 6)PARK Joon-Cheol 7)PARK Jae-Hee
(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	

(57) Abstract :

Provided are an apparatus and method for managing digital rights. An agent unit manages application programs to which DRM is to be applied and rights to contents processed by the application programs to which DRM is to be applied and encrypt and decrypt the contents processed by the application programs. A rights management unit authenticates a user and manages a user right to the contents processed by the application programs. A kernel API hooking unit monitors input/output of a file through hooking kernel native APIs requests the rights management unit to verify the user right to the contents to be processed and requests the agent unit to encrypt or decrypt the contents when the user right to the contents to be processed is verified.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/02/2012

(21) Application No.322/MUMNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PEER-TO-PEER COMMUNICATION IN AD HOC WIRELESS NETWORK

(51) International classification	:H04W 4/00
(31) Priority Document No	:60/724,226
(32) Priority Date	:05/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/039278
Filing Date	:05/10/2006
(87) International Publication No	:WO/2007/044597
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:595/MUMNP/2008
Filed on	:29/03/2008

(71) **Name of Applicant :**

1)QUALCOMM INCORPORATED

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5775 Morehouse Drive San Diego California 92121-1714

United States of America

(72) **Name of Inventor :**

1)KUMAR Ravi

2)WALTON Jay Rodney

3)FU Qiang

4)DRAVIDA Subrahmanyam

(57) Abstract :

For a peer-to-peer call in an ad hoc wireless network, a wireless device performs discovery of a target wireless device, performs authentication of the target wireless device and generates a session key (e.g., using a pre-shared key or a certificate provisioned on the wireless device), forms an ad hoc wireless network with the target wireless device, and communicates peer-to-peer with the target wireless device via the ad hoc wireless network. The wireless device may perform discovery with a list of identifiers for wireless devices designated to communicate with this wireless device. The wireless device may derive a service set identifier (SSID) used to identify the ad hoc wireless network based on its user-specific identifier (e.g., its phone number) and/or a user-specific identifier for the target wireless device. The wireless device may also perform IP address discovery using the user-specific identifier for the target wireless device.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3139/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING AGENT OWNED RECALL AVAILABILITY

(51) International classification	:G06Q10/00	(71) Name of Applicant : 1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(31) Priority Document No	:12/959,221	
(32) Priority Date	:02/12/2010	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) Name of Inventor : 1)AGHOR, SHRIWALLABH
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments of the present invention generally relate to a system and method for managing agent owned recall availability in a contact center. In one embodiment of the present invention, there is provided a method for managing agent owned recall availability in a contact center, comprising providing a work force management engine; providing an agent availability database accessible by the work force management engine; receiving a parameter-specified request from a contact for agent owned recall availability; querying the work force management engine to determine agent owned recall availability data for the parameter-specified request; reserving the agent owned recall availability slot for the parameter-specified request; updating the work force management engine with the reserved parameter-specified agent owned recall availability slot data; and confirming the agent owned recall availability slot with the contact of the parameter-specified request.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/11/2011

(21) Application No.3140/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DC/DC CONVERTER CELL, DC/DC CONVERTER CIRCUIT WITH A FEEDBACK CAPABILITY AND FORMED THEREFROM, AND METHOD FOR ITS OPERATION

(51) International classification	:H02M 3/04	(71) Name of Applicant : 1)SEMIKRON ELEKTRONIK GMBH & CO. KG Address of Applicant :SIGMUNDSTRASSE 200,90431 NUERNBERG, GERMANY
(31) Priority Document No	:61/447,399	
(32) Priority Date	:28/02/2011	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)KEVORK HADDAD
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The application relates to a DC/DC converter circuit with a feedback capability having a first converter device whose two inputs form the inputs of the DC/DC converter circuit and can be connected to a DC voltage source, and having a DC-voltage-coupled second converter device whose outputs form the outputs of the DC/DC converter circuit and can be connected to a DC voltage sink, wherein the second converter device is in the form of a DC/DC converter cell or of a DC/DC converter cell arrangement having two DC/DC converter cells.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/02/2012

(21) Application No.320/MUMNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PEER-TO-PEER COMMUNICATION IN AD HOC WIRELESS NETWORK

(51) International classification	:H04L 12/28
(31) Priority Document No	:60/724,226
(32) Priority Date	:05/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/039278
Filing Date	:05/10/2006
(87) International Publication No	:WO/2007/044597
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:595/MUMNP/2008
Filed on	:29/03/2008

(71)**Name of Applicant :**

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United States of America

(72)**Name of Inventor :**

1)KUMAR Ravi

2)WALTON Jay Rodney

3)FU Qiang

4)DRAVIDA Subrahmanyam

(57) Abstract :

For a peer-to-peer call in an ad hoc wireless network, a wireless device performs discovery of a target wireless device, performs authentication of the target wireless device and generates a session key (e.g., using a pre-shared key or a certificate provisioned on the wireless device), forms an ad hoc wireless network with the target wireless device, and communicates peer-to-peer with the target wireless device via the ad hoc wireless network. The wireless device may perform discovery with a list of identifiers for wireless devices designated to communicate with this wireless device. The wireless device may derive a service set identifier (SSID) used to identify the ad hoc wireless network based on its user-specific identifier (e.g., its phone number) and/or a user-specific identifier for the target wireless device. The wireless device may also performs IP address discovery using the user-specific identifier for the target wireless device.

No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/02/2012

(21) Application No.325/MUMNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CREATING RANKED NEIGHBOUR CELL LISTS

(51) International classification	:H04W 36/00
(31) Priority Document No	:0914021.1
(32) Priority Date	:11/08/2009
(33) Name of priority country	:GB
(86) International Application No	:PCT/GB2010/050696
Filing Date	:28/04/2010
(87) International Publication No	:WO/2011/018640
(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 :WINDMILL HILL BUSINESS PARK
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(72)Name of Inventor :

1)MAIDA, AMINU, WADA

2)CARTER, ALAN, JAMES, AUCHMUTY

3)AL HOUSAMI, HOUSAM

(57) Abstract :

A neighbour cell list is formed, for use in a basestation of a cellular communications network. For each of a plurality of neighbour cells, a value of a first component is assigned, depending on whether or not the basestation can detect signals transmitted from said neighbour cell. A value of a second component is assigned, depending on a history of successful or unsuccessful handover attempts to said neighbour cell. The values of the first and second components are combined to form a weighting parameter, for use in determining a handover priority to be given to said neighbour cell in the neighbour cell list.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/02/2012

(21) Application No.319/MUM/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PLAIN BEARING BUSH

(51) International classification	:F16C 33/04
(31) Priority Document No	:102011000526.9
(32) Priority Date	:04/02/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KOKI TECHNIK TRANSMISSION SYSTEMS GMBH
Address of Applicant :BERND-BELTRAME-STR. 7, DE-09399 NIEDERWUERSCHNITZ, GERMANY

(72)Name of Inventor :

**1)CARSTEN FUCHS
2)NORBERT BLEICHER**

(57) Abstract :

With a plain bearing bush (1) with a bush inner diameter (b), suitable for positioning a shaft (1) in a rotatable manner and an axial lock, the plain bearing bush (1) and the axial lock should be designed as a single part.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/02/2012

(21) Application No.319/MUMNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PEER-TO-PEER COMMUNICATION IN AD HOC WIRELESS NETWORK

(51) International classification	:H04W 48/16
(31) Priority Document No	:60/724,226
(32) Priority Date	:05/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/039278
Filing Date	:05/10/2006
(87) International Publication No	:WO/2007/044597
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:595/MUMNP/2008
Filed on	:29/03/2008

(71)Name of Applicant :

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United States of America

(72)Name of Inventor :

1)KUMAR Ravi

2)WALTON Jay Rodney

3)FU Qiang

4)DRAVIDA Subrahmanyam

(57) Abstract :

For a peer-to-peer call in an ad hoc wireless network, a wireless device performs discovery of a target wireless device, performs authentication of the target wireless device and generates a session key (e.g., using a pre-shared key or a certificate provisioned on the wireless device), forms an ad hoc wireless network with the target wireless device, and communicates peer-to-peer with the target wireless device via the ad hoc wireless network. The wireless device may perform discovery with a list of identifiers for wireless devices designated to communicate with this wireless device. The wireless device may derive a service set identifier (SSID) used to identify the ad hoc wireless network based on its user-specific identifier (e.g., its phone number) and/or a user-specific identifier for the target wireless device. The wireless device may also performs IP address discovery using the user-specific identifier for the target wireless device. The wireless device may perform discovery with a list of identifiers for wireless devices designated to communicate with this wireless device. The wireless device may derive a service set identifier (SSID) used to identify the ad hoc wireless network based on its user-specific identifier (e.g. its phone number) and/or a user-specific identifier for the target wireless device. The wireless device may also performs IP address discovery using the user-specific identifier for the target wireless device.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2011

(21) Application No.3262/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HIGH-ALTITUDE AERIAL VEHICLE

(51) International classification	:B64C 37/00
(31) Priority Document No	:102010053372.6
(32) Priority Date	:03/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :WILLY-MESSERSCHMITT-STRASSE, 85521 OTTOBRUNN, GERMANY

(72)Name of Inventor :

1)MANFRED HIEBL

2)HANS WOLFGANG PONGRATZ

(57) Abstract :

A high-altitude aerial vehicle, in particular an aerial vehicle for the stratosphere that is designed as a non-rigid aerial vehicle with a hull (1), that has an at least partially-inflated envelope (10) with a buoyant gas other than air, which is lighter than air, in particular hydrogen; distinguishes itself thereby, that the hull is provided with at least a first chamber (11) for the buoyant gas; that the hull (1) has at least a second chamber (12) that can be inflated with air; that between the first chamber (11) and the second chamber (12) a flexible partition wall (13) is provided that is preferably formed by a flexible membrane; and that the inflating of the second chamber (12), preferably with hot air depending on the flight altitude, can be controlled or regulated in such a way that the envelope (10) of hull (1) is always tautly inflated;

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.3281/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SLIDE RAIL DEVICE FOR VEHICLE SEAT.

(51) International classification	:B60N 2/07	(71) Name of Applicant : 1)SHIROKI CORPORATION Address of Applicant :2, KIRIHARA-CHO, FUJISAWA-SHI, KANAGAWA, 2520811, JAPAN
(31) Priority Document No	:2010-277512	
(32) Priority Date	:13/12/2010	
(33) Name of priority country	:Japan	(72) Name of Inventor : 1)KIMURA, AKIHIRO
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A slide rail device which includes a lower rail, an upper rail which is freely slidably engaged with the lower rail, and balls which are installed between the lower and upper rails. The lower rail includes a lower-rail bottom wall, a pair of lower-rail side walls, a pair of lower-rail upper walls, a pair of lower-rail lower-ball contact R-portions, and a pair of lower-rail upper-ball contact R-portions. The upper rail includes an upper-rail top wall, a pair of upper-rail side walls, and a pair of upper-rail ball-bearing walls. Each upper-rail ball-bearing wall includes an upper-rail lower-ball contact portion and an upper-rail upper-ball contact portion. A radius of curvature of the lower-rail lower-ball contact R-portion of the lower rail is greater than that of the lower ball, and a radius of curvature of the lower-rail upper-ball contact R-portion of the lower rail is greater than that of the upper ball.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.3250/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : NOVEL SULPHUR-MODIFIED MONOLITHIC POROUS CARBON-BASED MATERIAL&NBSP; PROCESS FOR THE PREPARATION THEREOF AND USES THEREOF IN THE STORAGE AND RELEASE OF ENERGY□

(51) International classification	:H01M 8/04	(71) Name of Applicant : 1)HUTCHINSON Address of Applicant :2 rue Balzac Paris 75008 France
(31) Priority Document No	:10 04550	(72) Name of Inventor :
(32) Priority Date	:23/11/2010	1)David AYME-PERROT
(33) Name of priority country	:France	2)Marie DIEUDONN%
(86) International Application No	:NA	3)Philippe SONNTAG
Filing Date	:NA	4)Anne-Caroline PASQUIER
(87) International Publication 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 subject-matter of the invention is a novel process for the preparation of sulphur-modified monolithic porous carbon-based materials by impregnation with a strong sulphur-based acid, the materials capable of being obtained according to this process and the use of these materials with improved supercapacitance properties to produce electrodes intended for energy storage systems. Electrodes composed of sulphur-modified monolithic porous carbon-based materials according to the invention and lithium batteries and supercapacitors comprising such electrodes also form part of the invention.

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.3291/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUS WHICH ESTIMATES POLLUTION INGREDIENT PATTERN OF POLLUTANT

(51) International classification	:B32B 3/00	(71) Name of Applicant : 1)SCIENTEC LAB CENTER CO. LTD. Address of Applicant :332ho Hanshin S Meca 1359 Gwanpyeong-dong Yuseong-gu Daejeon 305-509 Republic of Korea
(31) Priority Document No	:10-2010-0121031	
(32) Priority Date	:30/11/2010	
(33) Name of priority country	:Republic of Korea	(72) Name of Inventor : 1)LEE Ik-jae 2)KIM Han-soo 3)KANG Chang-ik 4)KIM Ji-sun 5)Choi Il-hwan
(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 relates to an apparatus for determining a polluted component pattern of polluted water which is capable of effectively measuring a polluted component of sample polluted water and the degree of pollution of the sample polluted water by practically analyzing a pollutant in such a way to obtain a pattern for each item based on a voltage difference by using the principle that the voltage difference between water quality measurement sensors is reproducibly generated in the same concentration.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.3296/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : CONTROL CONSOLE FOR A MEDICAL APPARATUS, THE CONSOLE BEING MOUNTABLE ON A RAIL

(51) International classification	:A61B 19/00	(71) Name of Applicant : 1)CO ACTIVE TECHNOLOGIES, LLC; Address of Applicant :15 RIVERDALE AVENUE, NEWTON, MA 02458, U.S.A.
(31) Priority Document No	:1060406	
(32) Priority Date	:13/12/2010	
(33) Name of priority country	:France	(72) Name of Inventor :
(86) International Application No Filing Date	:NA :NA	1)NOURRY JEAN-FRANCOIS 2)LECANU THOMAS
(87) International Publication No	:N/A	
(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 control console (10) for an electronic medical apparatus, such as a radiography apparatus, the console (10) being designed to be mounted slidably on a transverse rail (16A), the console (10) comprising: - a sealed housing (12) with a transverse groove (18) designed to be attached to the first rail (16A); - a jaw (26), which is mounted movably on the housing (12) between a position in which the first rail (16A) is clamped between the jaw (26) and a rear face (19) of the housing (12), in order to immobilize the housing (12) with respect to the first rail (16A), and a position of release of the housing (12), in which position the housing (12) is able to be withdrawn from the first rail (16A); characterized in that the jaw (26) is mounted movably on a deck (30), which is fixed on an outer face (33) of the sealed housing (12).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.3332/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : GENERATING A NETWORK MAP

(51) International classification	:H04L 12/24
(31) Priority Document No	:11151166.3
(32) Priority Date	:17/01/2011
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Alte Tiefenaustrasse 6
Worblaufen/Ittigen 3050 Bern Switzerland.

(72)Name of Inventor :

1)Thomas ZASOWSKI

2)Urs-Viktor MARTI

(57) Abstract :

The present invention relates to a method of generating a network map illustrating availability of network access technologies in various locations of the network. The method comprises the following steps: (a) a first network unit (1051), the location of which is identified by a first identifier, sending first data to a second network unit (1052), the location of which is identified by a second identifier, whereby the first data is sent using at least two different network access technologies and is sent to at least two different possible locations for the second network unit; (b) the first network unit (1051) receiving from the second network unit (1052) second data, referred to hereinafter as first measurement data, relating to the sent first data; and (c) generating the network map based on the measurement data, the first identifier and the second identifier.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/02/2012

(21) Application No.323/MUMNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : PEER-TO-PEER COMMUNICATION IN AD HOC WIRELESS NETWORK

(51) International classification	:H04W 8/00
(31) Priority Document No	:60/724,226
(32) Priority Date	:05/10/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/039278
Filing Date	:05/10/2006
(87) International Publication No	:WO/2007/044597
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:595/MUMNP/2008
Filed on	:29/03/2008

(71)Name of Applicant :

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United States of America

(72)Name of Inventor :

1)KUMAR Ravi

2)WALTON Jay Rodney

3)FU Qiang

4)DRAVIDA Subrahmanyam

(57) Abstract :

For a peer-to-peer call in an ad hoc wireless network, a wireless device performs discovery of a target wireless device, performs authentication of the target wireless device and generates a session key (e.g., using a pre-shared key or a certificate provisioned on the wireless device), forms an ad hoc wireless network with the target wireless device, and communicates peer-to-peer with the target wireless device via the ad hoc wireless network. The wireless device may perform discovery with a list of identifiers for wireless devices designated to communicate with this wireless device. The wireless device may derive a service set identifier (SSID) used to identify the ad hoc wireless network based on its user-specific identifier (e.g., its phone number) and/or a user-specific identifier for the target wireless device. The wireless device may also perform IP address discovery using the user-specific identifier for the target wireless device.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2011

(21) Application No.3236/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUS AND METHOD FOR SELECTIVELY DECRYPTING AND TRANSMITTING DRM CONTENTS□

(51) International classification

:H04L

29/06

(31) Priority Document No

:10-2010-

0114575

(32) Priority Date

:17/11/2010

(33) Name of priority country

:Republic
of Korea

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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2)LEE Gil

3)MOON Heoung-Keun

4)YEO Hwan-Woon

5)KIM Hwang-Hoo

6)PARK Joon-Cheol

7)PARK Jae-Hee

(57) Abstract :

Provided are apparatus and method for selectively decrypting and transmitting DRM contents. A policy storing unit stores information on devices allowed for decryption of contents. A policy processing unit determines whether a target device, to which an encrypted content is transmitted, is a device allowed for decryption based on the information stored in the policy storing unit. A decryption unit decrypts the encrypted content. And a control unit controls the decryption unit to decrypt the encrypted content when the target device is the device allowed for decryption.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.3314/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SLAVE CYLINDER

(51) International classification	:F16D 25/08
(31) Priority Document No	:102011103456.4
(32) Priority Date	:03/06/2011
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCHAEFFLER TECHNOLOGIES GMBH & CO.KG
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HERZOGENAUURACH, GERMANY

(72)Name of Inventor :

1)RICHARD DUBAS
2)SARAVANAN LAKSHMINARAYANAN

(57) Abstract :

A slave cylinder is specified, in particular for a hydraulic release system of a friction clutch of a motor vehicle, which has a slave cylinder housing that includes a longitudinal bore to receive a transmission input shaft and forms a pressure chamber situated concentrically to the longitudinal bore, in which a ring piston is guided so that it is axially movable. At its end facing away from the pressure chamber, the ring piston actuates a clutch release bearing that is situated there. The clutch release bearing is pre-tensioned with respect to the slave cylinder housing by means of a preloading spring (5). Situated between the slave cylinder housing and the clutch release bearing is a sleeve, which is attached to the clutch release bearing and to the slave cylinder housing, forming a seal.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.3315/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : HYBRID ROTOR

(51) International classification	:B23Q 5/10
(31) Priority Document No	:102010055676.9
(32) Priority Date	:22/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Address of Applicant :WILLY-MESSERSCHMITT-STRASSE, D-85521 OTTOBRUNN, GERMANY

(72)Name of Inventor :

1)DR. JOST SEIFERT

(57) Abstract :

The present invention relates to a hybrid rotor for an aircraft. To provide a hybrid rotor that is simply designed and thus also lightweight and can be produced cost-effectively, a hybrid rotor (14) for an aircraft has a Magnus rotor (30), a transverse flow rotor (32) and a guide mechanism (34). The Magnus rotor can be actuated to rotate around a Magnus rotor axis (38) by a first propulsion mechanism (20), and has a closed lateral surface (36). The transverse flow rotor is kept rotating around an axis of rotation and has a number (40) of axially extending rotor blades (42), which can be actuated to rotate around the axis of rotation by a second propulsion device (22) and which are designed stationary relative to the tangential angle position (54). The Magnus rotor is located within the transverse flow rotor and the Magnus rotor axis extends in the direction of the axis of rotation. The guide mechanism has a housing segment (56) that partially surrounds the transverse flow rotor in the circumferential direction, whereby the housing segment has an adjustment mechanism (58) and is designed deflectable, at least relative to the Magnus rotor axis. The housing segment can further be aligned in such a way that the transverse flow rotor generates a propulsion force (64) and brings about a transverse flow (66) onto the Magnus rotor in such a way that a force (72) is generated according to the Magnus effect that acts as lifting force.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.3341/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR PRODUCING A DYE BOBBIN

(51) International classification

:B65H 55/04

(31) Priority Document No

:102010055575.4

(32) Priority Date

:21/12/2010

(33) Name of priority country

:Germany

(86) International Application No

:NA

Filing Date

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(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)OERLIKON TEXTILE GMBH & CO. KG

Address of Applicant :LEVERKUSER STRASSE 65, D-42897 REMSCHEID, GERMANY

(72)Name of Inventor :

1)HELMUT KOHLEN

(57) Abstract :

The invention relates to a method for producing a dye bobbin, which is held by its dye bobbin tube in the creel of a winding device of a textile machine, the winding device having a mechanism for rotating the cross-wound bobbin and a mechanism for traversing a thread. According to the invention it is provided that at the beginning of the bobbin travel of the dye bobbin (11), winding takes place in the precision winding type of winding and is started, in this case, at an angle of winding (a), the starting value of which is > 40 degrees and in that on reaching a predetermined, smaller angle of winding (α_1), the value of which is < 35 degrees, a switch is made to the graduated precision winding type of winding.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.3343/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR IMPLEMENTING AT LEAST ONE ADDITIONAL FUNCTION OF A FIELD DEVICE IN AUTOMATION TECHNOLOGY

(51) International classification	:G06F 9/445	(71) Name of Applicant : 1)CODEWRIGTHS GMBH Address of Applicant :AM STADTGARTEN 1, DE-76137 KARLSRUHE, GERMANY
(31) Priority Document No	:102010062266.4	
(32) Priority Date	:01/12/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	(72) Name of Inventor : 1)MICHAEL GUNZERT 2)IMMANUEL VETTER
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for implementing at least one additional function (AF) of a field device (F1, F2, ...) in automation technology, wherein the field device (F1, F2, ...) is parametered and/or configured via a servicing device (SU) using a device description (DD1, DD2, ...), wherein the method has the following method steps: The original device description (DD1, DD2,), which comprehensively describes the field device (F1, F2,...), is made available; the original device description (DD1, DD2, ...) is expanded by a script (S) or a supplemental device description fragment; wherein the scriPt (s) or the device description fragment comprehensively describes the additional function (AF); and the field device (F1, F2, ...) is serviced from the servicing device (SU) by means of the expanded device description (DD1AF, DD2AF,...) and is able to execute the additional function (AF).

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.3344/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : SLANT PLATES FOR FLOCCULATION FORMATION AND FLOCCULATION SETTLING TREATMENT TANK ADOPTING THE SLANT PLATES FOR FLOCCULATION FORMATION

(51) International classification	:C02F 1/52	(71) Name of Applicant : 1)OCHIAI, HISAAKI Address of Applicant :1-48-2, NARITA-HIGASHI, SUGINAMI-KU, TOKYO, JAPAN
(31) Priority Document No	:2010-264657	
(32) Priority Date	:29/11/2010	
(33) Name of priority country	:Japan	(72) Name of Inventor : 1) HISAAKI OCHIAI 2) HIROSHI KYOTANI
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

To provide slant plates for flocculation formation that efficiently form turbulent flow or vortical flows and from which floes formed by collisions between microflocs can drop down along each slant surface, and a flocculation settling treatment tank equipped with the slant plates for flocculation formation. [Solution] (1) Slant plates for flocculation formation that can achieve the above object are slant plates for flocculation formation that are installed in a settling treatment tank that performs: a flocculation step comprising a step of further flocculating microfloc particles formed by an inorganic flocculant injection step and a micro flocculation step of micro-flocculating fine suspended particles by mixing and agitating in a rapid agitation tank; and a settling and separation treatment step for the floc particles; wherein an opening including an upper side edge and a lower side edge along a direction orthogonal to a direction of a slant surface is formed in each slant surface. (2) A flocculation settling treatment tank in which the slant plates for flocculation formation described in (1) above are arranged at an uppermost portion or at a middle part.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.3282/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPUTER IMPLEMENTED COUPLING WEAR INDICATOR

(51) International classification	:G01M 1/00
(31) Priority Document No	:P201130391
(32) Priority Date	:18/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EMERSON ELECTRIC COMPANY

Address of Applicant :8000 WEST FLORISSANT AVENUE
ST.LOUIS, MISSOURI 63136 U.S.A.

(72)Name of Inventor :

1)PEREZ MAIDER

2)MANERE AMIT

(57) Abstract :

A coupling wear indicator (100) for determining real-time wear magnitude of couplings is disclosed. The coupling wear indicator includes at least one pair of calibrating pins (102), a reference pin (104), sensing element (106) and computational means. The pair of calibrating pins is provided on a coupling and the reference pin is functionally coupled to the coupling and disposed in between the pair of calibrating pins at the same operative level as the pair of calibrating pins. The sensing element is functionally coupled to the pair or pairs of the calibrating pins and the reference pin and senses pulse patterns of the pair of calibrating pins and the reference pin. The computational means is communicably coupled to the sensing element and calculates wear magnitude of the couplings being a function of the pulse patterns and the distance between the pair of calibrating pins.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2011

(21) Application No.3287/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : L□RGE SCALE SYNTHESIS OF OPTICAL ISOMERS OF 2-OXABICYCLO [3.3.0] OCT-6-EN-3-ONE□

(51) International classification	:C07C 69/013	(71) Name of Applicant : 1)ASTRAZENECA AB Address of Applicant :SE-151 85 Sdertlje Sweden
(31) Priority Document No	:61/418,126	(72) Name of Inventor :
(32) Priority Date	:30/11/2010	1)BHIDE KESHAV SHRI PAD 2)PAIGANKAR NIRANJAN MADHUKAR 3)GANADI SIVAI A H
(33) Name of priority country	:U.S.A.	
(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 :

A process for the preparation of optically pure 2-oxabicyclo [3.3.0] oct-6-en-3-one.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2011

(21) Application No.3326/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COMPACT MANUAL GEAR TRANSMISSION

(51) International classification	:F16H 3/091	(71) Name of Applicant : 1)GETRAG FORD Transmissions GmbH Address of Applicant :Scarletallee 2 DE 50735 Kln Germany
(31) Priority Document No	:10 2010 052 746.7	(72) Name of Inventor : 1)Johan FOLKESSON
(32) Priority Date	:26/11/2010	
(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 gear transmission particularly for motor vehicle comprising at least one input shaft (S2) a first output shaft (S3) parallel to the input shaft (S2) and at least one second output shaft (S1) wherein in the operating position of the gear transmission the input shaft (S2) meshes preferably interconnected to a clutch (C2) having a drive (IN) and the first output shaft (S3) and the second output shaft (S1) is connected to a drive (OUT); a plurality of pairs of gears wheels for transmitting torque between the input shaft (S2) and at least one of the output shafts (S3 S1) wherein a pair of gear wheels comprises at least one idle gear a plurality of gear shifting clutches (E2 E3) wherein a gear shifting clutch is assigned to an idle gear and serves for the purpose of connecting the idle gear with the shaft

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/02/2012

(21) Application No.336/MUMNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : LOCATION DETERMINATION DURING NETWORK ADDRESS LOOKUP

(51) International classification	:H04L 29/08
(31) Priority Document No	:12/540,883
(32) Priority Date	:13/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045495
Filing Date	:13/08/2010
(87) International Publication No	:WO/2011/020037
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714

United States of America

(72)Name of Inventor :

1)GUM Arnold Jason

(57) Abstract :

The subject matter disclosed herein relates to determining location information of a client device. A client device communicating via a network may receive information from the network regarding its physical location in response, at least in part, to the client device requesting an assignment of a network address, a direct request for location, and/or other query.

No. of Pages : 40 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2011

(21) Application No.3364/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DEVICE FOR BLOW MOULDING CONTAINERS

(51) International classification	:B29C 49/06	(71) Name of Applicant : 1)KRONES AG Address of Applicant :BOEHMERWALDSTRÄBE 5,93073 NEUTRAUBLING, GERMANY
(31) Priority Document No	:10 2010 052 903.6	(72) Name of Inventor : 1)KLAUS VOTH 2)FLORIAN GELTINGER 3)EDUARD HANDSCHUH
(32) Priority Date	:01/12/2010	
(33) Name of priority country	:Germany	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device (1) with blow stations (4) disposed on a blow wheel (2) for blow moulding containers (10) from a thermoplastic material, having a unit (20) for pneumatic control of a blow pressure, wherein the pneumatic control unit (20) has a control piston (14) which is guided in a cylinder (12) and is mounted so as to be movable in the direction of a longitudinal axis (L) of the piston, and wherein a main flow path (16) which can be closed by the control piston (14) extends through the cylinder (12), and wherein the control piston (14) is provided with a control surface (24) which faces a control chamber (26) of the cylinder (12) and is designed to transmit a control force to the control piston (14). According to the invention the control piston(14) is constructed at least in some regions from a metal or a ceramic.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.3316/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRICAL POWER SUPPLY APPARATUS THAT IS SUPPLIED WITH RADIANT ENERGY , AND A METHOD FOR OPERATING AN ELECTRICAL POWER SUPPLY APPARATUS OF THIS TYPE

(51) International classification	:G01N 21/49
(31) Priority Document No	:102010053371.8
(32) Priority Date	:03/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)EADS DEUTSCHLAND GMBH

Address of Applicant :WILLY-MESSERSCHMITT-STRASSE, D-85521 OTTOBRUNN, GERMANY

(72)**Name of Inventor :**

1)MANFRED HIEBL

2)HANS WOLFGANG PONGRATZ

(57) Abstract :

An electrical power supply apparatus supplied with radiant energy is equipped with at least one electrical generator (1) converting radiant energy into electrical power, in particular, a photovoltaic solar generator that converts the impinging radiant energy (S) into electrical power; with at least one hydrogen generator (4) to produce hydrogen from water; with at least one water reservoir (6) that is connected through a first water line (60) to the hydrogen generator (4); at least one hydrogen reservoir (7) that is connected through a first hydrogen line (44) to the hydrogen generator (4); with at least one fuel cell (8) or at least one hydrogen combustion engine that is preferably connected to a second electrical power generator, which fuel cell or engine is connected through a second hydrogen line (80) to the hydrogen reservoir (7) and is connected through a second water line (64) to the water reservoir (6), and with a control unit (3) that is electrically connected to the electrical power generator (1), the hydrogen generator (4), and the fuel cell (8) or hydrogen combustion engine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.3317/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : TRANSMISSION OF A CONTROL FORCE

(51) International classification	:F16D 27/10
(31) Priority Document No	:102010053396.3
(32) Priority Date	:03/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)EADS DEUTSCHLAND GMBH

Address of Applicant :WILLY-MESSERSCHMITT-STRASSE, 85521 OTTOBRUNN, GERMANY

(72)Name of Inventor :

1)DR. JOST SEIFERT

(57) Abstract :

The present invention relates to the transmission of a control force in a vehicle, in particular in an aircraft. In order to make available a transmission of a control force which is simple to produce and also cost-effective, a transmission device (10) is provided, having a first and a second force transmission point (12, 14), and a coupling unit (16) disposed between them. The coupling unit has a first and a second side element (18, 20) and a connecting element (22), wherein the first and the second side elements are each connected to the first force transmission point and to the connecting element. At least the first side element has an element (28) for altering the length of the side element. The second force transmission point is provided on the connecting element and is adjustable at least between a first and a second position (P1, P2).

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2011

(21) Application No.3318/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ROTOR BLADE FOR A WIND TURBINE, AND COMBINATION OF A RADAR STATION AND A WIND TURBINE

(51) International classification	:F03D 1/04	(71) Name of Applicant :
(31) Priority Document No	:102010053369.6	1)EADS DEUTSCHLAND GMBH
(32) Priority Date	:03/12/2010	Address of Applicant :WILLY-MESSERSCHMITT-STRASSE, 85521 OTTOBRUNN, GERMANY
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)JOACHIM BETTERMANN
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a rotor blade (10) for a wind turbine, comprising a casing structure, made of flat fiber composite material (12-1, 12-2) which forms the rotor blade surface (20). To reduce interferences to radar systems caused by the use of such a rotor blade (10), it is provided according to the invention that, at least at the leading edge (16) and the trailing edge (18) of the rotor blade (10), the fiber composite material (12-1, 12-2) is designed for providing a frequency-dependent radar reflection factor for radar radiation which is incident perpendicular to the surface and which has a reflection minimum at a given frequency in the range of 1 GHz to 10 GHz.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3381/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR SERVICING FIELD DEVICES IN AN AUTOMATION PLANT

(51) International classification	:G05B 9/02
(31) Priority Document No	:10 2010062661.9
(32) Priority Date	:08/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CODEWRIGTHS GMBH

Address of Applicant :AM STADTGARTEN 1, DE-76137
KARLSRUHE, GERMANY

(72)**Name of Inventor :**

1)MARKUS KLEIN

2)JAN MERKEL

3)PETER JACK

(57) Abstract :

The invention relates to a method for servicing field devices (F1, F2, ...) in an automation plant, wherein the servicing of field devices (F1, F2, ...) occurs via at least one service unit (SU) and corresponding device driver (DTM1, DTM2, ...) comprehensively describing the field devices (F1, F2, ...), wherein the method comprises method steps as follows: A user is provided on a display (D) a menu structure (MS) with a plurality of different menus (M1, M2, ...), wherein the menus (M1, M2, ...) describe properties of the field device (F1, F2, ...) and/or of the process, in which the field device (F1, F2,...) is installed; the user selects successive individual menu (M1, M2, ...), which are required for the particular application; the menu elements (ME1, ME2, ...) predetermined by the menu (M1, M2, ...) are made available; the user selects from the menu elements (ME1, ME2, ...) those, which are suited for the particular application and configures a user-defined menu structure (MSdef) for the corresponding field device (F1, F2,...); the configured user-defined menu structure (MS def) is stored, and, based on the user defined menu structure (MSdef),the field device (F1, F2, ...) is serviced via the device driver (DTM1, DTM2, ...) associated with the field device (F1, F2,...).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/02/2012

(21) Application No.337/MUMNP/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND APPARATUS FOR UPLINK POWER CONTROL FOR MULTIPLE TRANSMIT ANTENNAS□

(51) International classification	:H04B 7/06
(31) Priority Document No	:61/231,293
(32) Priority Date	:04/08/2009
(33) Name of priority country	:Cote d'Ivoire
(86) International Application No Filing Date	:PCT/US2010/044460 :04/08/2010
(87) International Publication No	:WO/2011/017462
(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)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714
United States of America

(72)**Name of Inventor :**

1)ZHANG Xiaoxia

2)LUO Tao

(57) Abstract :

Techniques for controlling the transmit power of a user equipment (UE) using multiple antennas for uplink transmission are described. In one design, the UE receives at least one transmit power control (TPC) command for the multiple antennas. The UE adjusts the transmit power for each antenna based on the TPC command(s). In one design, the UE receives a single TPC command for all antennas and adjusts the transmit power for each antenna based on this TPC command. All antennas may then have equal transmit power. In another design, the UE receives multiple TPC commands for multiple antenna groups, one TPC command for each antenna group. Each antenna group may include one antenna or more than one antenna. The UE adjusts the transmit power for each antenna group based on the TPC command for that antenna group. All antennas in each antenna group may have equal transmit power.

No. of Pages : 33 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/02/2012

(21) Application No.340/MUM/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : ASSIST DEVICE FOR OPENING AND CLOSING APPLICATIONS LIKE DOOR

(51) International classification	:E05F1/16	(71) Name of Applicant : 1)SYOICHI ISHII Address of Applicant :2-4844-1 SOUBUDAI, ZAMA-SHI, KANAGAWA 252-0011, JAPAN
(31) Priority Document No	:2011-023457	
(32) Priority Date	:07/02/2011	
(33) Name of priority country	:Japan	(72) Name of Inventor : 1)SYOICHI ISHII
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

On operating the sliding door the opening and closing assist device of the Spring/ Gear Mechanism could make the configuration cheap and the durability of the spring can be raised. [Solution steps] It is designed in such a way that in the initial stage of opening the door the wind up spring gear (11) in 1st Spring/ Gear Mechanism (4) gets fitted to the 1st rack (7a) and in the initial stage of closing the door windup spring gear (11) is fitted to the 2nd rack (7b) on using this rack (7a, 7b) to windup spring. The assist device transmits the force released from the spring to the moveable rack (6). The 1st and 2nd Spring/ Gear Mechanism (4) of the same configuration enables to be mounted to the door also in a reversed way.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/12/2011

(21) Application No.3421/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : APPARATUS FOR RENDERING SURROUNDINGS AND VEHICLE HAVING SUCH AN APPARATUS FOR RENDERING SURROUNDINGS AND METHOD FOR DEPICTING PANORAMIC IMAGE

(51) International classification	:H04N7/00	(71) Name of Applicant :
(31) Priority Document No	:10 2010053895.7	1)EADS DEUTSCHLAND GMBH Address of Applicant :WILLY-MESSERSCHMITT-STRASSE, D-85521 OTTOBRUNN, GERMANY
(32) Priority Date	:09/12/2010	(72) Name of Inventor :
(33) Name of priority country	:Germany	1)PETER HADWIGER 2)JOHANNES KELLERER
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for rendering surroundings is provided with at least one image source (10, 14, 16,18; 20, 21, 22, 23), an image signal processing device (25), and, at least one image reproduction device (24), the input image signals (SEIO, SE14, SEI6, SEI8,; SE20, SKI, SE22, SEB) supplied by the image source (10,14,16,18; 20, 21, 22, 23) being fed to the image signal processing device (25), the image signal processing device (25) processing the input image signals (SEIO, SE14, SE16, SE18,; SE20, SE21, SE22, SE23) fed to it to create output image signals (SA) for a panoramic image, the output image signals (SA) from the image signal processing device (25) being forwarded to the image reproduction device (24) for displaying the panoramic image, and the image signal processing device (25) processing the input image signals (SEIO, SEI4, SE16, SEI8,; SE20, SE21, SE22, SE23) such that at least a first region (B1) of the panoramic image is reproduced undistorted or compressed in a first compression and at least a second region (B21, B2R) of the panoramic image is reproduced compressed in a second compression, and is distinguished in that the image signal processing device (25) is embodied such that the portion of the regions reproduced undistorted or compressed is variably selectable on the entire panoramic image, such that the compression of the regions reproduced compressed can be selected as desired, and, such that these changes in the region reproduced compressed may occur during the operation of the apparatus for rendering surroundings.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3408/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : AUTOMATED ASEPTIC SAMPLING WORKSTATIONS AND SAMPLE COLLECTION DEVICES
THERFORE

(51) International classification	:G01N1/26
(31) Priority Document No	:12/959,647
(32) Priority Date	:03/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	:N/A
(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)ALFA WASSERMANN, INC

Address of Applicant :4 HENDERSON DRIVE, WEST
CALDWELL, NEW JERSEY 07006, U.S.A.

(72)**Name of Inventor :**

1)JAN HOFMAN

2)CLEEM DIEMERS

(57) Abstract :

An automated liquid collection workstation is provided. The workstation includes a processor, a peristaltic pump, a valve actuator, and an algorithm. The peristaltic pump and the valve actuator are in electrical communication with the processor. The valve actuator can move a plurality of valves, when disposed therein, among an off position, a flush position, and a collection position. The algorithm is resident on the processor and is configured to: move all of the valves to the off position and place the pump in an off state when no sampling or flushing is required, move all of the valves to the flush position and place the pump in an on state for a predetermined flush time period when flushing is required, and move a respective one of the valves to the collection position, move any of the valves upstream of the respective valve to the flush position, and place the pump to the on state for a predetermined collection time period when collection is required.

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3469/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MIXER FOR A BEVERAGE FILLING PLANT□

(51) International classification	:B01F 3/04, B01F 15/04	(71) Name of Applicant : 1)KRONES AG Address of Applicant :Bhmerwaldstrasse 5 93073 Neutraubling Germany
(31) Priority Document No	:102010062798.4	(72) Name of Inventor :
(32) Priority Date	:10/12/2010	1)Erwin ENGEL
(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 mixer for mixing and conveying different fluids for a beverage filling plant, with at least one first container section for receiving a first starting fluid, with a second container section for receiving a second starting fluid, wherein a first pump is disposed in a first conduit leading out of the first container section for supplying the first starting fluid to a mixing area, and a second pump is disposed in a second conduit leading out of the second container section for supplying the second starting fluid to the mixing area, wherein the first pump and the second pump are driven by one synchronous motor each and each synchronous motor is connected to a frequency converter for flow control, wherein the first and the second container sections are embodied in one common container. The invention also relates to a beverage filling plant with such a mixer and a method of operating such a beverage filling plant, wherein the frequency converter of the respective synchronous motor of the first pump, the second pump, the mixture pump and/or the product pump is controlled such that flow control is achieved by modulation of the respective pump.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2011

(21) Application No.3384/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : FILLED SNACKS.

(51) International classification	:A23L 1/00
(31) Priority Document No	:11162690.9
(32) Priority Date	:15/04/2011
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PERFETTI VAN MELLE S.P.A.

Address of Applicant :VIA XXV APRILE, 7 LAINATE,
ITALY

(72)Name of Inventor :

1)BRUSONI, GIANLUCA

(57) Abstract :

The present invention relates to a filled snack and to a method of manufacture thereof. The snack comprises an inner region containing a filling, which comprises starch, fat and powder seasoning, and an outer shell region, at least partially surrounding the filling, which comprises starch and/or starch-containing flours. The snack is stable toward leaking of the filling or soaking by fat separation from the filling, while retaining a creamy textured filling.

No. of Pages : 31 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3440/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD FOR PROVIDING DEVICE SPECIFIC INFORMATION OF A FIELD DEVICE OF AUTOMATION TECHNOLOGY AND/OR METHOD FOR SERVICING A FIELD DEVICE

(51) International classification	:G06F15/16
(31) Priority Document No	:102010063854.4
(32) Priority Date	:22/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CODEWRIGTHS GMBH

Address of Applicant :AM STADTGARTEN 1, DE-76137
KARLSRUHE, GERMANY

(72)**Name of Inventor :**

1)OLGA LUX

2)THOMAS BEDNASCH

(57) Abstract :

The invention relates to a method for providing device-specific information of a field device (Fl) of automation technology and/or to a method for servicing a field device (Fl), wherein a device description (EDD) comprehensively describing the field device is integrated in a web server (WS) in the field device (Fl), wherein at least one part of the device description (EDD) describing the field device (Fl) is compiled/interpreted in a field device specific, software code in a web browser (WB), which is connectable with the field device (Fl), and wherein, based on the field device specific, software code, there are presented on the web browser (WB) dynamically produced, device-specific web pages, via which operating personnel are provided device-specific information, and/or via which the field device (Fl) is serviced by the operating personnel.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2011

(21) Application No.3448/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DELIVERING MESSAGES

(51) International classification	:H04M1/64	(71) Name of Applicant : 1)AVAYA INC Address of Applicant :211, MOUNT AIRY ROAD BASKING RIDGE NEW JERSEY 07920 U.S.A.
(31) Priority Document No	:12/980, 968	
(32) Priority Date	:29/12/2010	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor : 1)YOAKUM, JOHN H.
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method and apparatus for delivering a message. A plurality of audio messages destined for a recipient is received from a corresponding plurality of senders. Each of the plurality of audio messages includes a corresponding first sender designated priority designated by the corresponding sender. Member configuration data that identifies a first recipient prioritization attribute is accessed. A prioritized list of the plurality of audio messages is generated based on both the corresponding first sender designated priority and the first recipient prioritization attribute associated with each of the plurality of audio messages. A subset of the plurality of audio messages is provided to a client device associated with the recipient based on the prioritized list.

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3471/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : MODULE FOR USE IN STACKING THE THIN PLATE PANEL AND METHOD OF STACKING THE THIN PLATE PANEL

(51) International classification	:F16M 13/00, B65G 57/02, H01L 23/12	(71) Name of Applicant : 1)KYORAKU CO., LTD. Address of Applicant :598-1, TATSUMAE-CHO, NAKADACHIURI-SAGARU, KARASUMADORI, KAMIGYO-KU, KYOTO-SHI, KYOTO 6020912 JAPAN
(31) Priority Document No	:2010-289011	(72) Name of Inventor : 1)YOSHIDA, KOUICHIROU
(32) Priority Date	:25/12/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Module 10 used for stacking the thin plate panel is characterized by the support part for supporting the thin plate panel from lower side and the support part for supporting the outer side of support part are connected. It has the load transmission part where the weight of the thin plate panel supported by the support part is vertically transmitted and the positioning portion which horizontally positions the thin plate panel. It is module 10 used for the stacking of the product of the thin plate panel, and the above-mentioned load transmission part has load releasing side 72 installed under load receiving respect 74 and the module 10 installed in the upper part of the module 10. It is the module 10 used for stacking the thin plate panel and above mentioned load transmission part contains load receiving side 74 installed on top of module 10 and load releasing side installed on lower side of module 10. Above mentioned positioning portion has the upper engaging portion 104 that limits relative displacement of lower module 10 of upper module 10 installed on outer edge or inner edge of above mentioned load receiving side 74 and lower engaging portion 106 that limits the relative displacement of lower module 10 of upper module 10 installed horizontally offset to above mentioned upper engaging portion 104 on the same side where upper engaging portion 104 of above mentioned load releasing side 72 is installed.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.3345/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : COUPLING HOOK FOR A LOWER LINK OF AN AGRICULTURAL TRACTOR

(51) International classification	:B60D 1/00	(71) Name of Applicant : 1)HANS SAUERMANN Address of Applicant :IM GEWERBEGBIET 8, 85119 ERNSGADEN, GERMANY
(31) Priority Document No	:20 2010 016 051.0	
(32) Priority Date	:02/12/2010	
(33) Name of priority country	:Germany	(72) Name of Inventor : 1)HANS SAUERMANN
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A coupling hook (1) forms the end piece of a lower link of an agricultural tractor. The coupling hook (1) has a hook body (3) with a receptacle (4) for a coupling body (2). The hook body (3) is provided with a receiving chamber (5) in which a safety catch (6) is held. The safety catch (6) can be adjusted between a blocking position engaging over the coupling body (2) and a pulled-back release position. By the coupling body (2) being pressed into the receptacle (4) of the hook body (3), the safety catch (6) can be transferred into an activation position from which it is automatically transferred into the blocking position. In order to increase the operational safety of the coupling hook, the safety catch (6) is operatively connected to at least one cam (9) of an adjustable blocking lever (10). Said cam (9) retains the safety catch (6) in the blocking position thereof. This prevents a force originating from the coupling body (2) from being able to adjust the safety catch (6).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.3439/MUM/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : LIDDED CONTAINER

(51) International classification	:B01L3/14, B65D43/16	(71) Name of Applicant : 1)EPPENDORF AG Address of Applicant :BARKHAUSENWEG 1, DE-22339 HAMBURG, GERMANY
(31) Priority Document No	:102010055776.5	
(32) Priority Date	:23/12/2010	
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:NA	1)JUERGEN LOEHN
Filing Date	:NA	2)MARTIN SEIPPEL
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lidded container made of plastics material for laboratory use comprising a tubular container which at the bottom has a container base, at the top a container opening and below the container opening a sealing region on the internal wall, a lid which has a lid base and a plug protruding from the inside of the lid base, and which may be inserted through the container opening into a sealed position in the sealing region, a strap hinge connecting the two container parts, lid and container, integrally together in a pivotable manner and a holding device for holding the lid in at least one holding position in which the lid is not inserted into the sealed position, the holding device having at least two engagement means, the one engagement means being an axial engagement means fixedly connected to the container or lid, and which is oriented perpendicular to the pivoting plane defined by the pivoting path of the lid, the other engagement means being configured on the longitudinal side of the strap hinge and the engagement means being able to be brought into engagement with one another by pivoting the lid into the holding position, which is accompanied by a resilient compensation movement.

No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.874/KOL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : DUAL POWER SMPS FOR A MODULAR LIGHTING SYSTEM

(51) International classification	:H02J7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCHNEIDER ELECTRIC INDUSTRIES SAS

Address of Applicant :35 RUE JOSEPH MONIER, 92500
RUEIL MALMAISON FRANCE

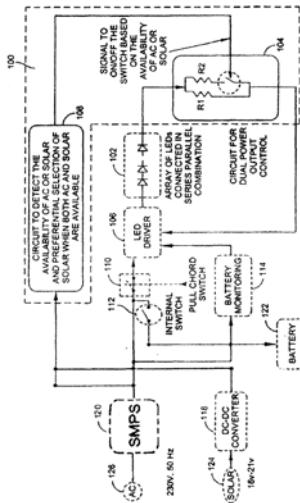
(72)Name of Inventor :

1)BHARDWAJ, DHRUV

2)SARKAR, RUPAN

(57) Abstract :

[0056] Methods and systems described herein provide efficient lighting where electric grid systems are unreliable. One aspect includes a light assembly that includes an input to receive power from a power source, a controllable power supply having a control input, a power input coupled to the first input, and an output to provide a voltage level controllable based on a control signal received at the control input, a light circuit coupled to the output of the controllable power supply and configured to provide output light in response to the output voltage, a feedback circuit configured to detect a current to a battery and a voltage across the battery and having an output coupled to the control input of the controllable power supply to provide the control signal to the controllable power supply based on at least one of the current to the battery input and the voltage across the battery.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.882/KOL/2011 A

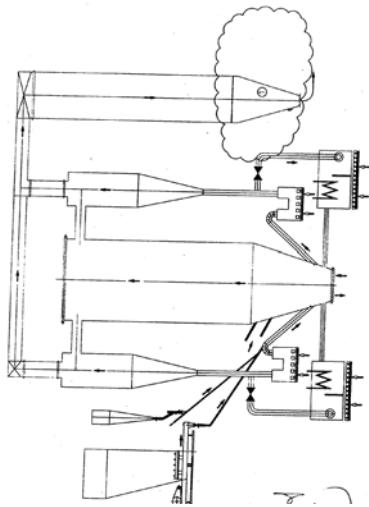
(43) Publication Date : 04/01/2013

(54) Title of the invention : AN IMPROVED SUPPORT ARRANGEMENT FOR LARGE-SIZE ECONOMIZER ENCLOSURE DUCT OF CIRCULATING FLUIDIZED BED COMBUSTION (CFBC) BOILERS

(51) International classification	:G07F1/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :AT REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION (ROD), PLOT NO: 9/1, DJ BLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI-110049, INDIA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VENKATRAMANA RAO RAGHAVENDRAN
(62) Divisional to Application Number	:NA	2)MARIAPPAN MADHAPPAN
Filing Date	:NA	3)YELAVARTHI PRASANNA KUMAR
		4)FRANCIS JESUTHANKARAJ
		5)KUNJUNAYAKKAR MURUGESAN
		6)VEEMANATHAN RAMACHANDRAN
		7)SAMUEL GNANARAJ

(57) Abstract :

An improved support arrangement for large-size economizer enclosure duct of circulating fluidized bed combustion (CFBC) boilers to eliminate anticipated failure due to bending moment, the improvement is characterized by comprising: a plurality of additional trusses (2) forming structural frames provided at four planes along the width of the enclosure duct; a plurality of buckstays for structural strengthening of the duct enclosure provided externally; a metallic expansion joint to mechanically and thermally isolate the enclosure duct from the back pass is provided which attaches a top portion of the duct to a bottom ring header of the back pass; a plurality of horizontal heat transfer coil of the economizer interposed between the top portion of the enclosure and the bottom portion of the duct which acting as a hopper to collect the fly ash from the flue gases, the collected fly ash from flue gas being periodically discharged from the boiler; a regenerative air pre heater receiving the residual heat of the flue gases directed via a third pass of the boiler from the bottom portion of the economizer enclosure duct; and a plurality of support members provided at the top of the hopper to transfer the total load of the duct to adjacent structural members.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.883/KOL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A DEVICE FOR COOLING ASH IN PRESSURIZED FLUIDIZED BED GASIFICATION SYSTEMS

(51) International classification

:F23C10/24

(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)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :AT REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJ BLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI-110049, INDIA

(72)Name of Inventor :

1)GOVINDASAMY VISWANATHAN

2)PALANISAMY PURUSHOTHAMAN

3)GOKARNESAN VENKATARAMANI

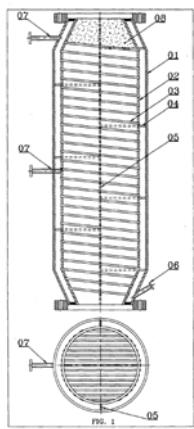
4)VENGATACHALAM PERIAKARUPPAN

5)KARUPPIAH NADAR PERIASAMY

6)NESAMANI CHRISTADHAS

(57) Abstract :

A Device for Cooling Ash in Pressurized Fluidized Bed Gasification Systems, comprising: an outer shell (09) acting as a water jacket; an inner shell (10) accommodating the ash and cooling water tubes (15) to form a part of the ash path; a cone shaped perforated sheet (11) with a cone angle, and a hole diameter with pitch to uniformly distribute the incoming hot ash (24) over the cooling tubes (15); a plurality of baffle plates (12) horizontally placed at predetermined locations along the ash cooling device and welded both in outer an inner shells (09 & 10) to configure a desired cooling water circuit a plurality of vertical baffle plates (13) placed vertically along the ash cooling device and welded both in the outer and inner shells (09 & 10); a plurality of cooling water inlet pipes (14) placed along the ash cooling device and welded to the outer shell (09) and a plurality of flanged doors (18) to admit the cooling water at an optimum pressure and temperature; a plurality of metal cooling water tubes (15) staggeredly arranged with suitable pitch and slope angle and welded in the mid portion of the inner shell (10) to allow sufficient quantity of cold water to pass through at optimum pressure and cool the hot ash by absorbing heat from the hot ash (24) falling from top to bottom of the ash cooling device; a plurality of hot water outlet pipes (16) placed along the ash cooling device and welded to the outer shell (09), the access openings (17) being fitted with a plurality of access doors (18) by a number of bolts & nuts and gaskets to provide easy access to carryout repair and maintenance work in time; a number of man holes (19) along different locations of the ash cooling and welded to the outer shell (09), the manholes (19) being removably closed with dummy flanges a plurality of support plates (20, 21 & 22) placed along the ash cooling device and welded to the inner shell (10) to prevent sagging of the tubes (15) by supporting the same during operation; and a plurality of stubs (23) welded to both the inner and outer shell (09 & 10) to allow installation of ash temperature measuring probes.



No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/03/2012

(21) Application No.264/KOL/2012 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : METHOD OF MANUFACTURING SEGMENTED STATOR CORES

(51) International classification

:H02K 3/52

(31) Priority Document No

:13/173045

(32) Priority Date

:30/06/2011

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GM GLOBAL TECHNOLOGY OPERATIONS LLC

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DETROIT, MICHIGAN 48265-3000, UNITED STATES OF
AMERICA

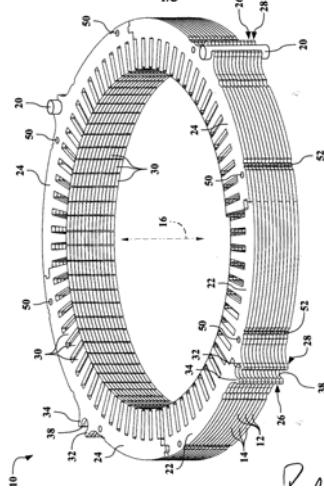
(72)Name of Inventor :

1)EDWARD L. KAISER

2)PETER J. SAVAGIAN

(57) Abstract :

A method of manufacturing a stator core is disclosed. The method includes advancing a blank at each of a plurality of press cycles to form a segment at each of the press cycles and shaping the segments. Shaping the segments further includes activating a tooth punch, activating a mounting-ear punch, and activating an joint punch. The method also includes separating the segments from the blank.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.884/KOL/2011 A

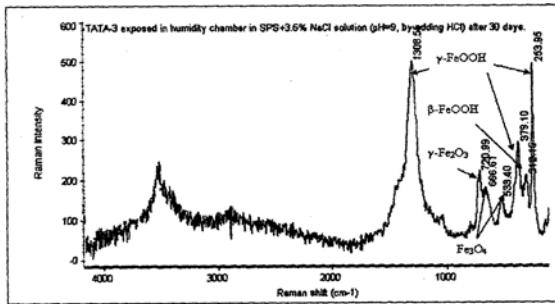
(43) Publication Date : 04/01/2013

(54) Title of the invention : A CORROSION RESISTANT THERMO-MECHANICALLY TREATED REINFORCING BARS

(51) International classification	:B05D3/10	(71) Name of Applicant :
(31) Priority Document No	:NA	1) TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR 831
(86) International Application No	:NA	001, Jharkhand India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1) MR. GAJENDRA JHA
(61) Patent of Addition to Application Number	:NA	2) MR. SOURABH KUNDU
Filing Date	:NA	3) MR. TANMAY BHATTACHARYYA
(62) Divisional to Application Number	:NA	4) DR. SANYAJ CHANDRA
Filing Date	:NA	5) MS. NITU RANI
		6) DR. ARUNANSU HALDAR

(57) Abstract :

The invention provides a corrosion resistant thermomechanically treated reinforcing bar based on addition of corrosion inhibiting elements to a selected alloy chemistry. The rebar containing C: 0.21-0.24 wt %, Mn: 0.90-1.10 wt %, Si: 0.10-0.15 wt%, P: 0.035 wt %, S: 0.035 wt %, Cu:0.30-0.40 wt%,Co: 0.20- 0.35 wt % and Ca: 0.0020-0.0040 wt% having tempered martensite structure. The inventive reinforced bars provide 1.5 times superior corrosion resistance over conventionally produced mild steel reinforcing bars.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :13/03/2012

(21) Application No.273/KOL/2012 A

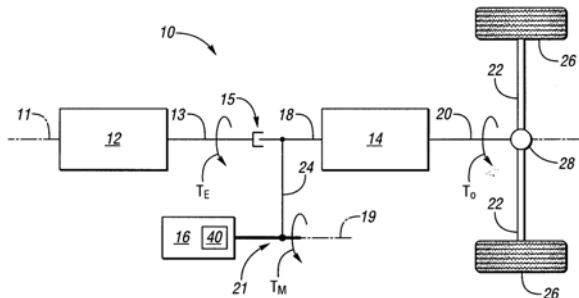
(43) Publication Date : 04/01/2013

(54) Title of the invention : ELECTRIC MOTOR WITH INTEGRAL REDUCTION GEAR SET

(51) International classification	:B60K 1/04
(31) Priority Document No	:13/173063
(32) Priority Date	:30/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(57) Abstract :

A vehicle includes a transmission having an input member on a primary axis and a motor positioned on the primary or a secondary axis. The motor includes a rotor circumscribing a rotor shaft connected to the input member, a stator having axially-extending end-windings, and a reduction gear set. The gear set is positioned substantially within in a void or radial space between the end windings. The gear set may include a first member on the rotor shaft and a stationary second member positioned adjacent to the end windings. A method for assembling the motor includes providing the gear set, stator, and rotor, connecting the ring gear to the stationary member, and inserting the carrier member into the ring gear from an axial side of the traction motor until the gear set is substantially inside of the void between the end windings.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.896/KOL/2011 A

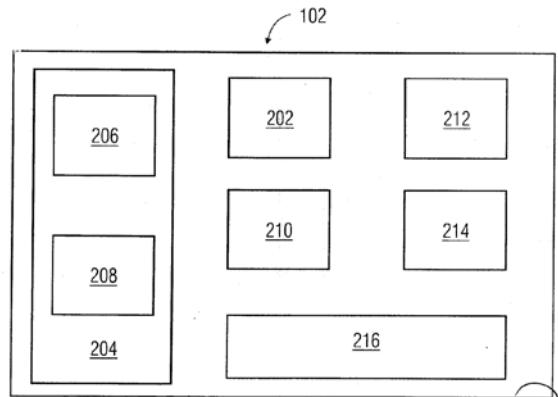
(43) Publication Date : 04/01/2013

(54) Title of the invention : USER CONTROL DEVICE FOR USE IN BUILDING AUTOMATION SYSTEMS

(51) International classification	:G05B15/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:NA	MÜNCHEN GERMANY
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VISHNU SWAMINATHAN
(87) International Publication No	: NA	2)PRAVEEN KUMAR VANGALI
(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 user control device (102) suitable for use in a building automation system (100). The building automation system (100) includes one or more user control devices (102), field control devices (104), and field devices (106). The user control device (102) provides a control signal for a desired response from a field device (106). The control signal is directly or indirectly routed to one or more of the field control devices (104), which in turn, regulate the associated field devices (106) to achieve the desired response. The user control device (102) is a self-powered device such that a total rate of energy consumed during a predefined time period is substantially equal to an average rate of energy harvested during the predefined time period. Further, the user control device (102) according to the present invention has wireless communication capability and a thin form factor suitable for flush-mounting on a building wall.



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(54) Title of the invention : SEGMENTED STATOR CORE

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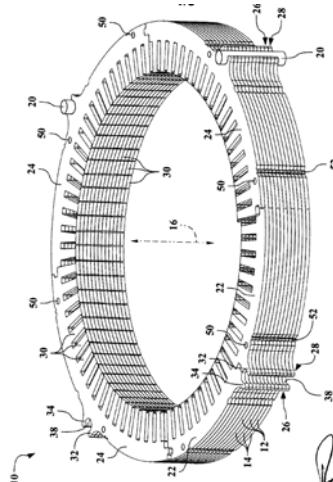
1)EDWARD L. KAISER

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(57) Abstract :

A stator core includes a first lamination and a second lamination. The first lamination is formed from a plurality of first segments and has a plurality of first mounting ears. The second lamination is formed from a plurality of second segments and has a plurality of second mounting ears. The first lamination and the second lamination are aligned with a common axis and are rotated about the common axis such that the first lamination is not aligned with the second lamination.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.886/KOL/2011 A

(43) Publication Date : 04/01/2013

(54) Title of the invention : A HOT ROLLED STEEL SHEET WITH HIGH TENSILE STRENGTH OF 1000 MPa , HIGH ELONGATION AND HIGH HOLE EXPANDABILITY PROPERLY APPLICABLE TO AUTOMOTIVE CHASSIS MANUFACTURE

(51) International classification	:C21D8/02
(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

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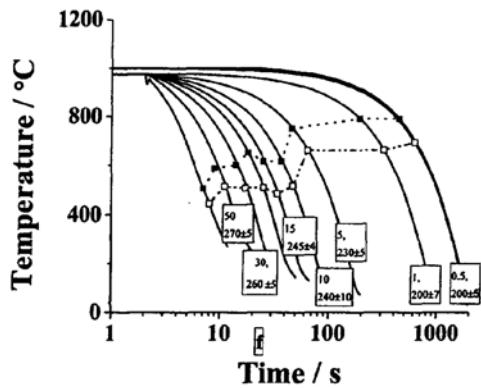
2)DR. ARUNANSU HALDAR

3)DR. SOURABH DAS

4)MR. TANMAY BHATTACHARJEE

(57) Abstract :

The invention provides a high strength hot rolled steel sheet with a tensile strength of about 1000 MPa with a single phase ferrite structure, as well as a method of producing a hot rolled steel sheet. According to the invention, a slab containing C: 0.05-0.015 wt %, Mn: 1.5-2.0 wt %, Si: 0.05-0.15 WT%, P: 0.015 wt%, S: 0.008 wt %, Al: 0.025 wt %, N: 0.004 wt%, Ti: Mo: Nb: and V: is heated to a temperature 1200 °C. The slab is hot rolled at a finish rolling end temperature 880 °C. The hot rolled sheet is started to be cooled within 2 seconds after the end of the rolling, and then cooled down to a cooling temperature of 580 - 630 °C at a cooling rate of 15 -30 °C/sec at a run out table. A fine ferrite structure with a mean grain size about 3um and tensile strength of about 1000 MPa is obtained.



No. of Pages : 18 No. of Claims : 2

AMENDMENT UNDER SEC. 57 (KOLKATA)

An application for change of Title of the Specification from A METHOD FOR A MOBILE DEVICE TO REGISTER WITH A PRIVATE HOME AGENT AND A MOBILE DEVICE **TO A METHOD FOR A MOBILE DEVICE TO REGISTER WITH A PRIVATE HOME AGENT** in respect of Patent No. 252536 (1445/KOLNP/2006) was filed . Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Ser ial Nu mb er	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	187520	551/DEL/2000	01/06/2000	22/01/1996	PROCESS FOR THE PREPARATION OF HALOGENOPYRINIDINE COMPOUNDS OF FORMULA I	BAYER AKTIENGESELLSCHAFT	16/01/2009	DELHI
2	254868	1697/DEL/1997	23/06/1997		A PROCESS FOR PREPARATION OF MICROBIOLOCALLY SAFE AND INSTANTLY REHYDRABLE COOKED CHICKEN	THE CHIEF CONTROLLER RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE	16/03/2012	DELHI
3	254869	1686/DEL/2005	29/06/2005	14/07/2004	MOLDING FOR DRYWALL CEILING GRID	WORTHINGTON ARMSTRONG VENTURE	31/08/2007	DELHI
4	254871	2121/DELNP/2006	22/10/2004	23/10/2003	PROCESS FOR PREPARING ACTIVE BIODEGRADABLE POLYMER EXTRUDATE	THE UNIVERSITY OF NOTTINGHAM	13/07/2007	DELHI
5	254872	1074/DEL/2002	06/12/2001		AN ANTHRAX PROTECTIVE ANTIGEN	BHATNAGAR RAKESH,WAHEED SYED MOHSIN,CHAUHAN VIBHA	28/01/2005	DELHI
6	254873	8176/DELNP/2007	17/04/2006	28/04/2004	STABILIZED COMPOSITION	EISAI R&D MANAGEMENT CO., LTD.	23/11/2007	DELHI
7	254874	441/DEL/2007	28/02/2007 12:07:02	14/03/2006	BUTYL IONOMER HAVING IMPROVED SURFACE ADHESION	LANXESS INC.	28/09/2007	DELHI
8	254875	1077/DEL/2005	02/05/2005		A FUEL CELL SYSTEM AND AN EFFCEINT ECO-FRIENDLY VEHICLE MOUNTED WITH FUEL CELL SYSTEM	KANISHK SINHA	03/06/2005	DELHI
9	254876	2728/DELNP/2005	12/12/2003	20/02/2003	A VARIABLE COMPRESSION RATIO INTERNAL COMBUSTION ENGINE	CATERPILLAR INC	27/03/2009	DELHI
10	254892	858/DEL/2002	23/08/2002		PROCESS FOR THE PURIFICATION OF LIQUID SULPHUR	ENGINEERS INDIA LIMITED	25/07/2008	DELHI
11	254896	4690/DELNP/2007	14/11/2005	31/12/2004	SWITCHING A CALL FROM A NETWORK ASSISTED COMMUNICATION MODE TO A DIRECT COMMUNICATION MODE	MOTOROLA MOBILITY, INC	17/08/2007	DELHI

12	254898	3761/DELNP/2006	18/01/2005	21/01/2004	AN ASPARTATE AND PROCESS FOR PREPARING THE SAME	BAYER MATERIALSCIENCE LLC and BAYER MATERIALSCIENCE AKTIENGESELLSCHAFT	22/06/2007	DELHI
13	254899	8465/DELNP/2007	17/05/2006	19/05/2005	METHOD FOR ASYMMETRIC AKLYNYLATION OF ALPHA-IMINO DSTARS	THE HONG KONG POLYTECNIC UNIVERSITY	04/07/2008	DELHI
14	254900	1666/DELNP/2007	25/08/2005	01/09/2004	A COATED SUBSTRATE	PPG INDUSTRIES OHIO INC.	24/08/2007	DELHI
15	254901	1899/DELNP/2003	29/01/2003	29/01/2002	AN IMMUNE-MODULATING PEPTIDE	POSCO, POSTECH FOUNDATION	19/02/2010	DELHI
16	254904	7559/DELNP/2006	23/06/2005	28/06/2004	MISCIBLE POLYMIDE BLENDS	GENERAL ELECTRIC COMPANY	17/08/2007	DELHI
17	254908	600/DEL/2006	08/03/2006		AN IMPROVED METHOD FOR STORAGE FOR LONG DISTANCE TRANSPORTATION OF BANANA	Council of Scientific and Industrial Research.	26/08/2011	DELHI
18	254910	2337/DEL/2005	01/09/2005		A NOVEL BINARY PRESSURE SENSITIVE PAINT AND A PROCESS FOR PREPARING THE SAME	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	31/07/2009	DELHI
19	254912	3287/DEL/2005	07/12/2005	17/12/2004	A PIPING UNIT ARRANGED BETWEEN AN ENGINE AND A FUEL TANK FOR TRANSPORTING A FUEL	TOKAI RUBBER INDUSTRIES, LTD.	02/10/2009	DELHI
20	254913	1669/DEL/2006	20/07/2006		AN IMPROVED PROCESS FOR THE PREPARATION OF DOPED ZINC OXIDE NANOPOWDER USEFUL FOR THE PREPARATION OF VARISTORS	INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWDER METALLURGY AND NEW MATERIALS (ARCI)	15/02/2008	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 Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	254879	63/MUMNP/2008	26/06/2006	20/07/2005	BITSTREAM ENCODER AND DECODER AND METHOD THEREOF	HUMAX CO., LTD.	15/02/2008	MUMBAI
2	254880	1987/MUMNP/2007	16/06/2006	29/06/2005	SUSPENSION DEVICE WITH SCISSORS-TYPE PANTOGRAPH	ZF FRIEDRICHSHAFEN AG	08/02/2008	MUMBAI
3	254886	2006/MUMNP/2008	23/02/2007	23/02/2006	A METHOD FOR DETECTING A PROTEASE	MOLOGIC LTD.	20/02/2009	MUMBAI
4	254888	551/MUMNP/2008	24/08/2006	25/08/2005	FILTER ELEMENT	MANN+HUMMEL GMBH	04/07/2008	MUMBAI
5	254889	1198/MUM/2007	21/06/2007		AN ASSAY FOR DETECTING MUTATION	INSTITUTE OF IMMUNOHAEMATOLOGY	19/06/2009	MUMBAI
6	254909	1858/MUMNP/2009	14/03/2008	03/04/2007	A METHOD OF MAKING AN EXTRUDED SNACK	FRITO-LAY NORTH AMERICA , INC.	28/05/2010	MUMBAI

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Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	254870	2100/CHENP/2006	12/11/2004	13/11/2003	A THRUST BEARING	FEDERAL-MOGUL CORPORATION	06/07/2007	CHENNAI
2	254877	4345/CHENP/2006	27/05/2005	27/05/2004	PLASTIC BAG WITH OVERPRESSURE RELIEF	RKW SE	29/06/2007	CHENNAI
3	254885	3619/CHENP/2006	23/03/2005	02/04/2004	2,5-DIAMINO SUBSTITUTED AZO DYES	CIBA HOLDING INC.	15/06/2007	CHENNAI
4	254890	4455/CHENP/2006	02/05/2005	04/05/2004	A RUTHENIUM (II) COMPLEX OF GENERAL FORMULA (I) AND PROCESS FOR PREPARING THE SAME	UNIVERSITA' DEGLI STUDI DI UDINE	10/08/2007	CHENNAI
5	254891	1832/CHE/2005	14/12/2005	16/12/2004	MARKING SYSTEM AND METHOD	PRAD RESEARCH AND DEVELOPMENT N.V.	31/08/2007	CHENNAI
6	254893	2243/CHE/2006	04/12/2006 17:48:42		PROCESS FOR THE ISOLATION OF HEPATOCURATIVE FRACTION FROM DEHYDRATED POULTRY WASTE (OR) LITTER	THE REGISTRAR, ANNAMALAI UNIVERSITY	29/06/2007	CHENNAI
7	254895	2775/CHENP/2004	10/06/2003	13/06/2002	PROCESS AND APPARATUS FOR REDUCING THE CONTENT OF NOx AND N2O IN GASES	UHDE GmbH	10/02/2006	CHENNAI
8	254897	4819/CHENP/2006	05/11/2004	31/05/2004	METHOD OF STORING (METH) ARCYLATE	MITSUBISHI CHEMICAL CORPORATION	05/10/2007	CHENNAI
9	254902	3106/CHENP/2004	09/07/2003	09/07/2002	SHORT MESSAGE CONVERSION BETWEEN DIFFERENT FORMATS FOR WIRELESS COMMUNICATION SYSTEMS	QUALCOMM INCORPORATED	17/02/2006	CHENNAI
10	254903	1621/CHENP/2006	09/11/2004	11/11/2003	PROCESS FOR THE PREPARATION OF GABAPENTIN	ZAMBON GROUP S.P.A.	08/06/2007	CHENNAI
11	254905	1070/CHE/2005	05/08/2005		METHOD AND SYSTEM FOR ENABLING ACCESS RESTRICTION TO A PERIPHERAL CONNECTED TO A NETWORK PC	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	04/01/2008	CHENNAI
12	254911	760/CHE/2005	20/06/2005		METHOD FOR PROVIDING USER HELP CAPABILITY IN A MULTI-FUNCTIONAL PERIPHERAL DEVICE	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	27/07/2007	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	254878	944/KOLNP/2008	31/07/2006	04/08/2005	A METHOD FOR ELECTROCHEMICAL DETECTION OF AN ANALYTE	SIEMENS AKTIENGESELLSCHAFT	19/12/2008	KOLKATA
2	254881	1518/KOL/2008	03/09/2008 16:21:46		AN IMPROVED BENEFICIATION PROCESS TO PRODUCE LOW ASH CLEAN COAL FROM HIGH ASH COALS	TATA STEEL LIMITED	12/03/2010	KOLKATA
3	254882	612/KOL/2008	27/03/2008		A NOVEL POWER MONITORING SYSTEM FOR DETECTION, LOCALIZATION AND CLASSIFICATION OF DISTURBANCES	BIRLA INSTITUTE OF TECHNOLOGY	06/06/2008	KOLKATA
4	254883	392/KOL/2008	29/02/2008	14/05/2007	METHOD AND APPARATUS TO EVALUATE ENGINE OFF OPERATION OF A HYBRID POWER-TRAIN SYSTEM OPERATING IN A CONTINUOUSLY VARIABLE MODE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
5	254884	798/KOL/2006	09/08/2006		A NEW ULTRASONIC CALIBRATION BLOCK WITH A FLAT REFLECTOR	BHARAT HEAVY ELECTRICALS LIMITED	29/02/2008	KOLKATA
6	254887	1525/KOLNP/2006	17/12/2004	26/12/2003	OPTICAL FIBER TWISTING DEVICE, METHOD OF MANUFACTURING OPTICAL FIBER, AND OPTICAL FIBER	FUJIKURA LTD.	04/05/2007	KOLKATA
7	254894	4358/KOLNP/2007	02/11/2005	25/05/2005	A METHOD OF TRANSMITTING INFORMATION IN A RADIO COMMUNICATION SYSTEM	NOKIA SIEMENS NETWORKS GMBH & CO. KG.	20/06/2008	KOLKATA

8	254906	2083/KOLNP/2006	04/03/2005	26/03/2004	A WIRELESS COMMUNICATION SYSTEM FOR SUPPORTING COMMUNICATION FOR A PLURALITY OF MOBILE STATIONS VIA A PLURALITY OF CELLS; AND A COMMUNICATION UNIT	MOTOROLA MOBILITY, INC.	18/05/2007	KOLKATA
9	254907	857/KOL/2007	06/06/2007		NOVEL THYROID LIKE PYRAZOLE COMPOUNDS	TORRENT PHARMACEUTICALS LTD.	19/06/2009	KOLKATA

CONTINUED TO PART- 2