

पेटेंट कार्यालय  
का  
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन  
PUBLICATION OF THE PATENT OFFICE

## **INTRODUCTION**

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

**(P H Kurian)**  
**CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

26<sup>th</sup> AUGUST, 2011

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**THE PATENT OFFICE  
KOLKATA, 26/08/2011**

**Address of the Patent Offices/Jurisdictions**

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

1	<p>Office of the Controller General of Patents, Designs &amp; Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: <a href="mailto:cgpdtm@nic.in">cgpdtm@nic.in</a></p>	4	<p>The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a></p> <ul style="list-style-type: none"> <li>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</li> </ul>
2	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a></p> <ul style="list-style-type: none"> <li>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu &amp; Dadra and Nagar Haveli</li> </ul>	5	<p>The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: <a href="mailto:kolkata-patent@nic.in">kolkata-patent@nic.in</a></p> <ul style="list-style-type: none"> <li>❖ Rest of India</li> </ul>
3	<p>The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075</p> <p>Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 &amp; 2808 1940 E.mail: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a></p> <ul style="list-style-type: none"> <li>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttarakhand, Delhi and the Union Territory of Chandigarh.</li> </ul>		

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

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

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

पेटेंट कार्यालय  
कोलकाता, दिनांक 26/08/2011  
कार्यालयों के क्षेत्राधिकार के पते  
विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ  
नीचे दिए गए हैं :-

1	<p>कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: <a href="mailto:cgpdtm@nic.in">cgpdtm@nic.in</a></p>	4	<p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु इंगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: <a href="mailto:chennai-patent@nic.in">chennai-patent@nic.in</a> ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्ष्मीप</p>
2	<p>पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: <a href="mailto:mumbai-patent@nic.in">mumbai-patent@nic.in</a> ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	5	<p>पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: <a href="mailto:kolkata-patent@nic.in">kolkata-patent@nic.in</a> ❖ भारत का अवशेष क्षेत्र</p>
3	<p>पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: <a href="mailto:delhi-patent@nic.in">delhi-patent@nic.in</a> ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p>		

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

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

(P H Kurian)

**CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS**

## **SPECIAL NOTICE**

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

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

## **SPECIAL NOTICE**

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

## Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1323/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :07/06/2010

(43) Publication Date : 26/08/2011

(54) Title of the invention : REUSABLE FORMWORKS WITH NOVEL LOCKING AND HOLDING SYSTEM.

(51) International classification	:E04G	(71) <b>Name of Applicant :</b> <b>1)VIKAS KUMAR MITTAL</b> Address of Applicant :103, HARGOVIND ENCLAVE, DELHI-110 092. Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)VIKAS KUMAR MITTAL</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A device with novel locking and holding system for construction of the building and capable of producing straight as well as angular formwork assemblies and is reusable, characterized in that it comprises one or more elements and each have at least one main smooth formwork front surface and -a plurality of stiffening ribs perpendicular to and arranged on back surface or on the side opposite to said main smooth surface as edge ribs and transverse ribs wherein each of the stiffening ribs consisting of two parallel walls in turn connected by a plurality of plates -a series of minor transversal ribs that are positioned perpendicular to the square or rectangular portions formed by the other ribs -one or more circular openings aligning and fixing adjacent elements, perpendicular to said edge ribs and delimited laterally by a cylindrical surface between said parallel adjacent walls and having one or more linear grooves arranged longitudinally to said cylindrical surface; -one or more closing keys insertable in said openings and comprising a handle perpendicular to a cylindrical body at one end and concentric grooves at the other end; -one inner angular element provided with at least one lateral smooth surface forming an angle of 275° with said main smooth surface and wherein said lateral smooth surface and said front smooth surface have an edge in common and; -one or more openings, with axes perpendicular to the said front smooth surface parallel to said lateral smooth surface wherein each of said openings is delimited laterally by a cylindrical surface having one or more linear grooves arranged longitudinally to said cylindrical surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1814/DEL/2011 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A SEMI CIRCULAR FLOW METER FOR SMALL IRRIGATION CHANNELS

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(51) International classification	:G01F11/00	(71) <b>Name of Applicant :</b> <b>1)DR ARUN GOEL</b> Address of Applicant :ASSOCIATE PROFESSOR, CIVIL ENGINEERING DEPARTMENT, NATIONAL INSTITUE OF TECHNOLOGY, KURUKSHETRA, 136119, HARYANA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	Haryana India
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b> <b>1)DR. ARUN GOEL</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

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(57) Abstract :

A semi circular width flow meter has been proposed for discharge measurement in irrigation channels. It is a very simple device, which is not only easy to construct, accurate, operate but maintenance free as well. There is no chance of trapping of floating materials inside the proposed device during its use. The rate of flow can be estimated with accuracy under free flow conditions up to a submergence limit of 80-85%. The device can find applications for discharge measurement in irrigation channels of rectangular shape.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1851/DEL/2011 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN OPTIMIZED BILAYERED TABLET DOSAGE FORM WITH TWO ACTIVE ANTIBIOTICS.

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MR. VIJAY KUMAR AGGARWAL</b>
(32) Priority Date	:NA	Address of Applicant :ASBRO PHARMA HOUSE NO. 041, POCKET-C-9 FIRST FLOOR, SECTOR-08 ROHINI, DELHI. PIN CODE 110085. INDIA. Delhi India
(33) Name of priority country	:NA	
(86) International Application No	:NA	<b>2)MR. SANJEEV GOEL</b>
Filing Date	:NA	<b>3)MR. UMAKANT MISHRA</b>
(87) International Publication No	:NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)MR. VIJAY KUMAR AGGARWAL</b>
Filing Date	:NA	<b>2)MR. SANJEEV GOEL</b>
(62) Divisional to Application Number	:NA	<b>3)MR. UMAKANT MISHRA</b>
Filing Date	:NA	

(57) Abstract :

This invention discloses optimized pharmaceutical formulation for bilayer tablet form comprising at least one antibiotic or a pharmaceutically acceptable salt thereof, and at least one dissolution enhancing agent sufficient to substantially dissolve said one aqueous diluent, binder, disintegrants, Film forming agents, moisture barrier agents. Both ingredient in a single dosages form at same time with high solubility and stability by over coming cross interaction or chemical incompatibilities between two different physical, chemical and physicochemical drug molecules by physical separation, and to enable the development of different drug release profile both in immediate release and immediate release with extended release and promoting patient convenience and compliance.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1852/DEL/2011 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN OPTIMIZED BILAYER TABLET DOSAGE FORM OF ANTIBIOTICS WITH HIGH RATE OF BIOAVAILABILITY.

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MR. VIJAY KUMAR AGGARWAL</b>
(32) Priority Date	:NA	Address of Applicant :ASBRO PHARMA HOUSE NO. 041, POCKET-C-9 FIRST FLOOR, SECTOR 8 ROHINI, DELHI- 110085, INDIA Delhi India
(33) Name of priority country	:NA	
(86) International Application No	:NA	<b>2)MR. SANJEEV GOEL</b>
Filing Date	:NA	<b>3)MR. UMAKANT MISHRA</b>
(87) International Publication No	:NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)MR. VIJAY KUMAR AGGARWAL</b>
Filing Date	:NA	<b>2)MR. SANJEEV GOEL</b>
(62) Divisional to Application Number	:NA	<b>3)MR. UMAKANT MISHRA</b>
Filing Date	:NA	

(57) Abstract :

This invention discloses as both immediate release optimized pharmaceutical formulation for bilayer tablet form comprising at least one antibiotic or a pharmaceutically acceptable salt thereof, and at least one dissolution enhancing agent sufficient to substantially dissolve said one aqueous diluent, binder, disintegrants, Film forming agents, moisture barrier agents. The present invention pertains to the pharmaceutical bilayer tablet composition more preferably an oral administration of optimized, high bioavailability formulation of the active ingredient which typically is antibiotic Cefuroxime axetil and Clavulanic acid with the pharmaceutically accepted excipients by a novel way to formulate two or more active pharmaceutical ingredient in a single dosages form at same time with high solubility and stability by over coming cross interaction or chemical incompatibilities between two different physical, chemical and physicochemical drug molecules by physical separation, and to enable the development of different drug release profile both in immediate release and immediate release with extended release and promoting patient convenience and compliance.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1853/DEL/2011 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN OPTIMIZED BILAYERED TABLET WITH TWO ACTIVE ANTIBIOTICS.

(51) International classification	:A61K	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MR. VIJAY KUMAR AGGARWAL</b>
(32) Priority Date	:NA	Address of Applicant :HOUSE NO. 041, POCKET-C-9
(33) Name of priority country	:NA	FIRST FLOOR, SECTOR 8 ROHINI, DELHI-110085, INDIA
(86) International Application No	:NA	Delhi India
Filing Date	:NA	<b>2)MR. SANJEEV GOEL</b>
(87) International Publication No	:NA	<b>3)MR. UMAKANT MISHRA</b>
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)MR. VIJAY KUMAR AGGARWAL</b>
(62) Divisional to Application Number	:NA	<b>2)MR. SANJEEV GOEL</b>
Filing Date	:NA	<b>3)MR. UMAKANT MISHRA</b>

(57) Abstract :

This invention discloses optimized pharmaceutical formulation for bilayer tablet form comprising at least one antibiotic or a pharmaceutically acceptable salt thereof, and at least one dissolution enhancing agent sufficient to substantially dissolve said one aqueous diluent, binder, disintegrants, Film forming agents, moisture barrier agents. Both ingredient in a single dosages form at same time with high solubility and stability by over coming cross interaction or chemical incompatibilities between two different physical, chemical and physicochemical drug molecules by physical separation, and to enable the development of different drug release profile both in immediate release and immediate release with extended release and promoting patient convenience and compliance.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/08/2010

(21) Application No.2000/DEL/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : A NEW METHOD FOR PROCESSING PANEER.

(51) International classification	:A23C19/00	(71) <b>Name of Applicant :</b> <b>1)VAIBHAV BHATIA</b> Address of Applicant :A-111, NEW FRIENDS COLONY, NEW DELHI-110025, INDIA Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)VAIBHAV BHATIA</b>
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved processing/manufacturing method of paneer. In the present method of manufacturing paneer, the milk is boiled to variable temperatures and the coagulation process is done in order to segregate the curd. By the present process the pressed paneer dissolved in the brine solution is packed and sealed and thereafter retorted in such a manner for a specific time and at a temperature which sterilizes fresh paneer to make it free from any spoilage microbiological contaminations. In the present process the sterilization of the fresh paneer is done at a particular temperature and for particular time in such a manner which meet out the all the microbiological parameters and enhance the self life of fresh paneer at room temperature.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1840/DEL/2011 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : INDUCTION COMPATIBLE ALUMINIUM PRESSURE COOKER WITH MODIFIED BASE.

(51) International classification	:A47J27/08	(71) <b>Name of Applicant :</b> <b>1)SURESH AGARWAL</b> Address of Applicant :R/O; 603/9, G.T. ROAD, SHAHDARA, DELHI-110032, INDIA. Delhi India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)SURESH AGARWAL</b>
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An induction compatible aluminium pressure cooker suitable for being heated by induction heating means, said cooker comprising: a base of magnetised stainless steel; a heat distributing layer bonded to the top of said base, said heat distributing layer being formed of a metal having a high thermal conductivity; the said magnetisable layer comprising a plurality of annular ring like structure having a constant width and constant gap between consecutive annular rings; wherein the heat distributing layer and the magnetised steel plate are made to fuse together in a simulating natural riveting.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1480/MUM/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CONTRACT AUTHORIZING SYSTEM AND METHOD

(51) International classification :G06Q30/00,G06Q50/00  
(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)ZYCUS INFOTECH PVT. LTD.

Address of Applicant :GJ-07, SEEPZ++, SEEPZ SEZ,  
ANDHERI(EAST), MUMBAI-400096, MAHARASHTRA,  
INDIA

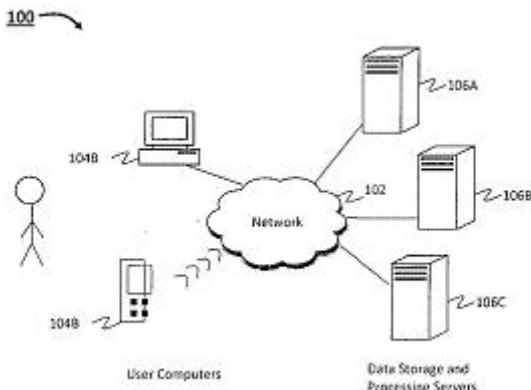
(72)Name of Inventor :

1)MR. SHAWN FERNANDES

2)MR. SACHIN SHARMA

(57) Abstract :

A computer based system for contract authoring, the system comprises a processor unit; a computer readable medium storing instructions executable by the processor , said medium further comprising document receiving means adapted for receiving an external contract document in electronic form, the external contract document comprising a plurality of text portions relating to a plurality of contract component types, respectively, wherein a contract component type being a contract title, a section, a clause title, or a clause text; accessing means adapted for accessing a knowledge base describing a plurality of text patterns which identify with the plurality of the contract component types, respectively; processing means adapted for processing the external contract document utilizing the knowledge base to automatically identify the plurality of the contract component types for the plurality of the text portions in the contract document, respectively; first display means adapted for displaying the external contract document on a computer screen; and second display means adapted for displaying indication of the plurality of the contract component types that are identified and that are associated with the plurality of the text portions in the contract document, respectively.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/07/2010

(21) Application No.2023/MUM/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SINGAL STAGE COTTON MEAT EXTRACTION AND ON-LINE COTTON CRUDE-MISCELLA RETAINING PROCESS & 'ABHAY COTTON PRO' DE-OILED MEAL BY-PRODUCT

(51) International classification	:C11B3/00
(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)ABHAY COTEX PVT. LTD.

Address of Applicant :GUT NO. 84, BHOKARDAN ROAD,  
GUNDEWADI, TO & DIST JALNA. Maharashtra India

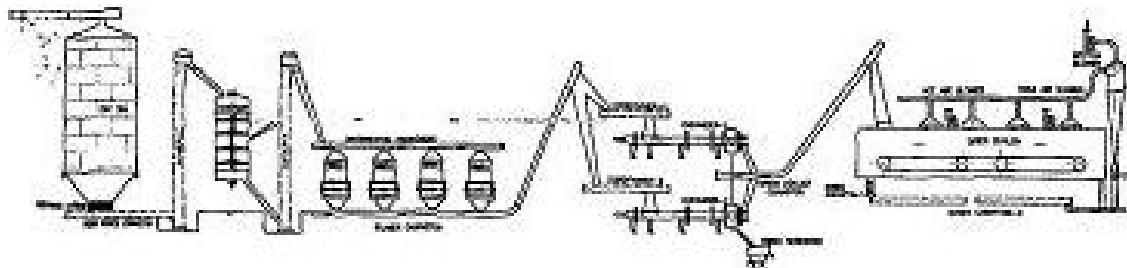
(72)Name of Inventor :

1)MR. ASHISH MANTRI

2)MR. DODDA A. PRASAD

(57) Abstract :

Single Stage Cotton Meat Extraction (SSCME) process followed by on-line Cotton Crude Misella Refinery process, the said process particularly relates to in the field of cotton oil extraction and refinery process, both the extraction and refining of cotton oil is being done at single step each in order to improvement in the yield, and finished product in terms of quality and quantity and completely avoids discharge of trade effluents from the process. Uniquely produced by-product De oiled meal has its own nutritional merits. The said process and its method is being implemented in large commercial scale and established commercially.



No. of Pages : 24 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1206/MUM/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : A BOOSTER DEVICE FOR HANDLING HIGH VOLUMETRIC FLUID AT LOW PRESSURE.

(51) International classification

:F04C28/00

(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)THE SECRETARY DEPARTMENT OF ATOMIC ENERGY

Address of Applicant :Govt. of India Anushakti Bhavan Chatrapati Shivaji Maharaj Marg Mumbai -400001 Maharashtra India.

(72)Name of Inventor :

1)BANERJEE Indranil

2)CHANDRESH B.G

3)BERA Tushar Kanti

4)GUHA Kamlesh Chandra

5)SRIKANTH M.R.

(57) Abstract :

The present invention relates to a spiral vacuum booster device for vacuum pumping system, for handling corrosive, desublimable/condensable process gas at low pressure and at high purity level. The spiral vacuum booster device of the invention works on scroll mechanism, characterized by high pumping speed at low pressure. Importantly, the booster pumping device is equipped with variable frequency drive(VFD) to operate at varied range of rpm to accommodate variable capacity backing pump as per different throughput requirement. This arrangement in turn leads to improved bearing and bellow life and reduced power consumptions. The booster device is having a exhaust system comprising three curved discharged holes, connected to a discharge chamber with flow guide to reduce the backflow under adverse pressure condition. The booster device does not need any forced cooling arrangement favouring reduced overall power consumption.

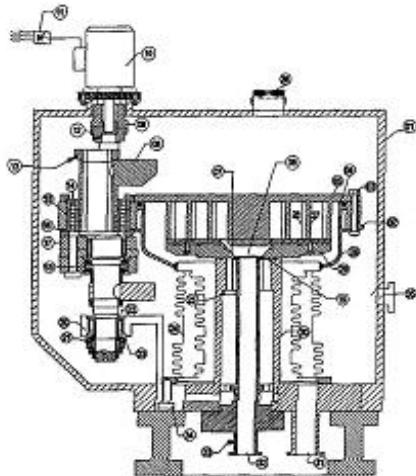


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2011

(21) Application No.752/MUM/2011 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DRUG DELIVERY SYSTEM FOR HERBAL COMPOSITIONS

(51) International classification	:A61K36/00	(71) <b>Name of Applicant :</b> <b>1)SHARADA LAXMAN DEORE</b> Address of Applicant :GOVT. COLLEGE OF PHARMACY, KATHORA NAKA, AMRAVATI. 444604 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)DR. S. S. KHADABADI</b> <b>2)SHARADA L DEORE</b> <b>3)MR. B. A. BAVISKAR</b> <b>4)DR. S. A. DHOLE</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Many herbal extracts are potent therapeutic agents but that must be administered in large doses. Conventional formulations such as tablets and capsules can accommodate up to 1000 mg of active ingredient but the products are very large and many patients find them difficult to swallow. It is the purpose of the present invention to allow the inclusion of active plant extracts in readily acceptable formulations in such a way that compliance with drug treatment dosage regimes is enhanced. The present invention also addresses the problem of allowing large dosages of plant extracts to be administered effectively. For obese person use oat flour instead of maida or wheat flour biscuits because oat is believed to lower cholesterol. For diabetic patients use saccharin instead of sugar. The heating at higher temperature would normally be avoided in the present invention to prevent thermal damage to the secondary metabolites.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/03/2011

(21) Application No.916/MUM/2011 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A DIGITAL APPARATUS

(51) International classification :G01L1/00,G01L5/00,G01L5/18  
(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
    Filing Date :NA  
(87) International Publication No :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)VIRAL SHAH, TRADING AS MICROSYS  
TECHNOLOGY**

Address of Applicant :7/ SWAGAT PLAZA, SAGAR  
INDUSTRIAL COMPLEX, BHOIDAPADA, SATIVALI ROAD,  
VASAI (EAST), THANE - 401107, MAHARASHTRA, INDIA

(72)**Name of Inventor :**

**1)VIRAL C SHAH  
2)SACHIN K. CHOTHANI**

(57) Abstract :

The present invention relates to a digital apparatus comprising of a device for scaling down force and transmitting force to be measured consisting of means to scale down force and means to transmit force, wherein means to scale down force comprises of: a slab with multitude of cuts separating the slab into multitude of portions; at least one front warding slab for reducing the force; a dwindle lithe that rotatably support the front warding slab, which is formed in the slab; and a mobile slab to support the front warding slab; and means to transmit force comprises of: a parallel guiding mechanism having a immobile slab and a mobile slab; directing slab constituents connecting a solid slab having multitude of cuts separating the slab into multitude of portions, with immobile slab; at least one front warding slab for reducing the force; and a dwindle lithe that rotatably support the front warding slab, which is formed in the solid slab; such that the means to scale down force and the means to transmit force are connected together with a front warding lithe connecting the front warding slab and the mobile slab.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1356/MUM/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : MULTIDOOR REFRIGERATOR HAVING A PARTITION PLATE WITH POSITIONAL STABILITY

(51) International classification	:F25D23/02	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)GODREJ &amp; BOYCE MFG CO LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PIROJSHANAGAR, VIKHROLI
(33) Name of priority country	:NA	(WEST), MUMBAI 400 079, MAHARASHTRA, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	<b>1)WADIA BURZIN</b>
(87) International Publication No	:N/A	<b>2)BHASKAR SATYANARAYAN PANYAM</b>
(61) Patent of Addition to Application Number	:NA	<b>3)KULKAENI SUHAS</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Multidoor refrigerator having a partition plate with positional stability. The refrigerator (1) comprises a partition plate (6) horizontally disposed within the refrigerator cabinet (2) across the cabinet at the front side thereof and mounted to the side panels (3,4) of the refrigerator to divide the refrigerator cabinet into a refrigerator compartment (7) at the bottom thereof and a freezer compartment (8) at the top thereof. The partition plate is mounted to the side panels of the refrigerator with a pair of plate holder clips (14, 14) and comprises a male clamping means (13) at each end thereof. The plate holder clips each comprises a cooperating female clamping means (17). The partition plate is fixed or anchored in position in the plate holder clips by slipping the ends of the partition plate into the respective plate holder clips through the mouths (15) of the clips and engaging each male clamping means to the respective female clamping means (Fig 6).

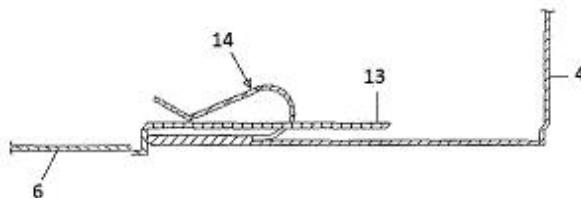


Fig 6

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/03/2011

(21) Application No.862/MUM/2011 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : MODIFIED HEAT RECOVERY SYSTEM FOR DEAERATOR OVERFLOW, DEAERATOR DRAIN AND PROCESS RETURN CONDENSATE

(51) International classification	:F22D1/50	(71) <b>Name of Applicant :</b> <b>1)SHARMA CHETAN HARI</b> Address of Applicant :KRISHNA MANDIR CEMENT ROAD SADAR NAGPUR-440 001 MAHARASHTRA INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)SHARMA CHETAN HARI</b>
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Modified heat recovery system for deaerator overflow, deaerator drain and process return condensate is useful to save a major portion of pure demineralised water which gets wasted presently due to evaporation as it is at a temperature close to 100°C. and water starts evaporating at 100°C at atmospheric pressure. Also a large amount of heat is wasted presently along with the evaporated hot condensate. According to the invention cold make up water 31 coming from demineralization plant is mixed with deaerator overflow and drain pipe lines whenever overflow take place or tank is to be drained. Auto valve can also be provided to deaerator overflow and deaerator drain pipelines 25, 26 & pipe 31 so that whenever overflow takes place water is injected to deaerator overflow and drain pipelines. In process industries LP and MP steam is required for there process. The steam after the use becomes condensate of high temperature. Cold water 32 is injected to LP condensate 6, 7, 8, 9 & 10 to reduce its temperature and cold water 33 is injected to MP condensate 11, 12,13, 14 & 15. by doing This the resultant temperature of deaerator overflow line condensate is reduced to about 80°C preventing its loss through evaporation.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1672/MUM/2011 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : PREPARATION OF NEW CLASS OF ANTHRANILATE BASED POTENTIAL SUNSCREENS BY SELECTIVE TRANSESTERIFICATION

(51) International classification	:A61Q19/00	(71) <b>Name of Applicant :</b> <b>1)THATTE CHITTARANJAN SHARAD</b> Address of Applicant :YASHODEEP CHS, KOLSHET, THANE, 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) <b>Name of Inventor :</b> <b>1)THATTE CHITTARANJAN SHARAD</b>
(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 invention relates to the synthesis of new class of anthranillates which can be used as potential sunscreens .The said compounds were prepared by the selective transesterification of Methyl-(2-amino and /2-methylamino) benzoate with 2, 4-dihydroxy-2-methylpentane. Determination of Sun protection factor (SPF) and Photostability of the said compounds signify their use as potential UV sunscreen agents.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2010

(21) Application No.2170/MUM/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : REAL-TIME ANTI-POACHING SURVEILLANCE & WILDLIFE TRACKING SYSTEM

(51) International classification :G01V8/00,G01V99/00,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 :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)RAJA BRIJ BHUSHAN

Address of Applicant :1ST FLOOR, ROWHOUSE-7,  
KUNDAN ESTATES NEAR PLANET MILLENNIUM, PIMPLE  
SAUDAGAR, PUNE-411027, Maharashtra India

2)RAVIKANT SINGH

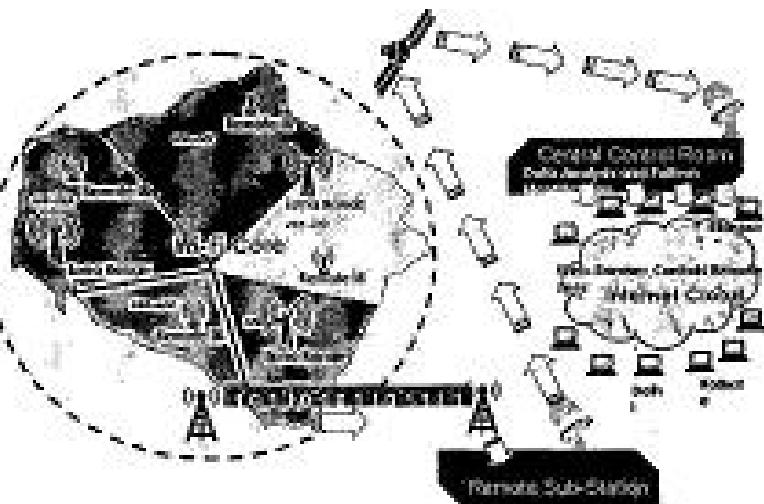
(72)Name of Inventor :

1)RAVIKANT SINGH

2)RAJA BRIJ BHUSHAN

(57) Abstract :

The present invention provides a real-time anti-poaching surveillance & wildlife tracking system for secured zone for wild life. The system includes a plurality of long-distance sensing towers, a plurality of short-distance sensing towers, at least one hopping tower, a control means and a web portal with a web cloud. The long-distance sensing towers are capable of sensing activities of animals, humans and vehicle in a distance of at least 500 meters around and the short-distance sensing towers in a distance of at least 200 meters around. The hopping tower is capable of receiving communication from each of the long-distance sensing towers and each of the short-distance sensing towers and transmits thereof. The control means is capable of monitoring and controlling each of the long-distance sensing towers and each of the short-distance sensing towers. The web portal connected to the control means through a web cloud, wherein the web portal enables a user to monitor and view real-time images and videos of the secured zone for wild life.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.3219/MUM/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : AN IMPROVED PROCESS FOR ON-LINE COTTON CRUDE MISCELLA REFINING

(51) International classification	:C07 4/00	(71) <b>Name of Applicant :</b> <b>1)ABHAY COTEX PRIVATE LIMITED</b> Address of Applicant :31 GUR MARKET OLD MONDHA, NEAR BUS STAND JALNA 431 203 . Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)ASHISH MANTRI</b> <b>2)D.A. PRASAD</b>
(87) International Publication No	:	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Single Stage Cotton Meat Extraction (SSCME) process followed by on-line Cotton Crude Misceila Refinery process, the said process particularly relates to in the field of cotton oil extraction and refinery process, both the extraction and refining of cotton oil is being done at single step each in order to improvement in the yield, and finished product in terms of quality and quantity and completely avoids discharge of trade effluents from the process. Uniquely produced by-product De oiled meal has its own nutritional merits. The said process and its method is being implemented in large commercial scale and established commercially

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/12/2010

(21) Application No.3755/CHE/2010 A

(43) Publication Date : 26/08/2011

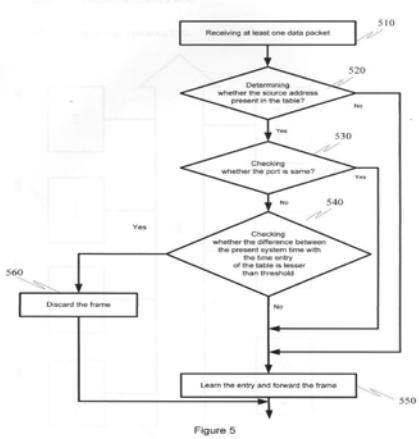
(54) Title of the invention : A METHOD AND SYSTEM FOR LOOP AVOIDANCE IN A COMMUNICATION NETWORK

(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

(57) Abstract :

The invention relates to a learning-based method for loop avoidance in a packet switched communication network. In one embodiment, this is accomplished by configuring each communication device to maintain a table of unique identifiers, where the unique identifiers include Media Access Control (MAC) address, MAC and Virtual Local Area Network (VLAN) address, Internet Protocol (IP) address or any other unique device identifier, receiving one or more data packet on one or more port of the device, checking the table for unique source identifier of the received data packet, determining whether the received data packet is received from the same port of the device as in the table against the corresponding entry, and updating learned time entry with current system clock time of the device and forwarding the data packet to the next communication device if the packet is received from the same port.

Figure 5



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2836/CHE/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : HYBRID TEA PROCESSOR

(51) International classification	:A23F	(71) <b>Name of Applicant :</b> <b>1)SUBRAMANYAN PREMA DHARMARAJ</b> Address of Applicant :MANGAVAYAL, PUTHUR VAYAL.P.O. 673 121. Kerala India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)SUBRAMANYAN PREMA DHARMARAJ</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and an apparatus for the processing to deliver teas , as described above, which is a Hybrid of Orthodox & CTC, both in process & product, is disclosed.The machine comprises a chopper for cutting and mincing the withered tea leaves. The minced tea leaves are pre processed at the conveyor pipe activated by means of variable frequency motors. Upon pre processing the shredded leaves, they are conveyed to the pellet die mill section through the specifically designed chute for further processing. The pellet die mill in the rotation process squeezes the tea leaves between the two stationary free moving rollers and the die. The numerous holes and orifice in the die mill breaks and cuts the shredded leaves which are then discharged through the pores and orifice upon the action of the free moving rollers on the die mill. The mixture containing long and twisted tea leaves are collected, fermented and further processed in the hydraulic press.A perforated disc comprising regularly placed orifice with top circular opening tapering to a square shaped output compresses the said processed and shredded tea leaves mixture to result in a long twisted and curled tea leaves.

Consistent & large recovery of a grade of orthodox tea , already fetching a high premium in the market, through introduction of a set of equipment so far not used in the 180 years of tea manufacturing history.-enhancement of the quality of this grade by imparting CTC liquor quality attributes(strength & Colour)-a hybrid product. This is achieved by adopting an innovative hybridization of the 2 current processes, in vogue.-this follows world wide consumer preference for teas which looks leafy in an orthodox sense and liquor quality attributes like in CTC -considerable reduction in the machinery & space requirement, in setting up a tea factory-entire set of orthodox rollers replaced by the new set of equipment-there by also reducing cost of manufacture.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2010

(21) Application No.3828/CHE/2010 A

(43) Publication Date : 26/08/2011

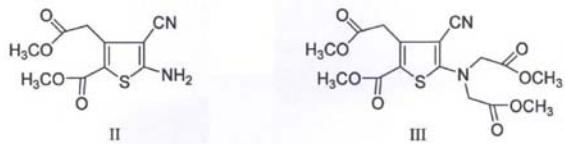
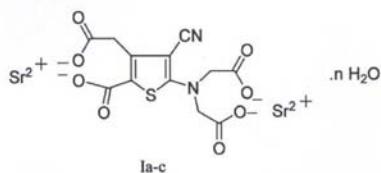
(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF STRONTIUM RANELATE HYDRATES

(51) International classification	:C07D333/00	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)FLEMING LABORATORIES LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :6TH FLOOR, ASHOKA
(33) Name of priority country	:NA	JANARDHAN CHAMBERS, BEGUMPET, HYDERABAD -
(86) International Application No	:NA	500 016 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)BALASUBRAMANIAM RAVISHANKAR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)POLSANI PULLA RAO</b>
Filing Date	:NA	<b>3)TOGATA MADDULETI</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

---

(57) Abstract :

The present invention relates to an improved process for preparation of pure strontium ranelate hydrates (Ia-c) by using the intermediates, amino dimethyl ester (II) and tetramethyl ester (III), which are prepared by novel methods. Ia- Strontium ranelate octahydrate: n=8 Ib- Strontium ranelate tetrahydrate: n=4 Ic- Strontium ranelate monohydrate: n=1



No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/12/2010

(21) Application No.3829/CHE/2010 A

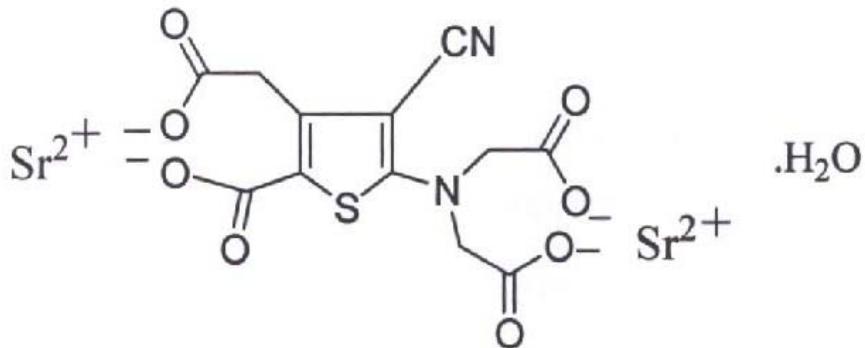
(43) Publication Date : 26/08/2011

(54) Title of the invention : A NEW POLYMORPHIC FORM OF STRONTIUM RANELATE MONOHYDRATE

(51) International classification	:C07D333/00	(71) <b>Name of Applicant :</b> <b>1)FLEMING LABORATORIES LIMITED</b> Address of Applicant :6TH FLOOR, ASHOKA JANARDHAN CHAMBERS, BEGUMPET, HYDERABAD - 500 016, Andhra Pradesh India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)BALASUBRAMANIAM RAVISHANKAR</b>
(62) Divisional to Application Number	:NA	<b>2)POLSANI PULLA RAO</b>
Filing Date	:NA	<b>3)TOGATA MADDULETI</b>

(57) Abstract :

The present invention relates to a new crystalline and pure polymorphic form of strontium ranelate monohydrate of formula-II and process for the preparation thereof. The new crystalline polymorph is characterized by X-ray powder diffraction pattern (XRD) and water content of 3.0 to 4.5% measured by thermogravimetric analysis (TGA). X-Ray Diffraction pattern of polymorph Form-F of strontium ranelate monohydrate



II

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

## **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.1226/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/03/2006

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHOD FOR INHIBITING BACTERIAL COLONISATION.

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(51) International classification	:A61K 35/00
(31) Priority Document No	:2003904192
(32) Priority Date	:08/08/2003
(33) Name of priority country	:Australia
(86) International Application No Filing Date	:PCT/AU2004/001059 :09/08/2004
(87) International Publication No	:WO 2005/014014
(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)WOMEN'S AND CHILDREN'S HOSPITAL**

Address of Applicant :72 King William Road, North Adelaide,  
South Australia, 5006, Australia.

**2)ADELAIDE RESEARCH & INNOVATION PTY. LTD.**

(72)**Name of Inventor :**

**1)CAMPBELL, FIONA**

**2)BUTLER, ROSS**

**3)TRAN, CUONG**

**4)HUYHN, HIEN**

**5)COUPER, RICHARD**

---

(57) Abstract :

The present invention relates to a method for inhibiting bacterial colonisation of mucous epithelium in a biological system. The method includes the step of administering to the biological system an effective amount of a mucolytic agent and one or more of colostrum, hyperimmune milk, or a component of colostrum and/or hyperimmune milk that is capable of inhibiting bacterial colonisation in combination with the mucolytic agent.

No. of Pages : 85 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2006

(21) Application No.1277/DELNP/2006 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD AND APPARATUS FOR AUTOMATED INSURANCE PROCESSING

(51) International classification	:G06F
(31) Priority Document No	:60/494,689
(32) Priority Date	:13/08/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/026315
Filing Date	:12/08/2004
(87) International Publication No	:WO 2005/017701
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)SWISS REINSURANCE COMPANY**

Address of Applicant :MYTHENQUAI 50/60, 8022 ZURICH,  
SWITZERLAND.

(72)**Name of Inventor :**

**1)PATRICK J. MURPHY**

**2)JOHN FETHEROLF**

(57) Abstract :

In one embodiment of the present invention, information about a customer is entered into an electronic system. In one embodiment, the customer is part of a low margin market. In one embodiment, the customers medical record comprises the customers pharmaceutical records. In one embodiment, additional information (e.g., MIB, MVR, and /or Rx) is automatically requested about the customer from electronic databases using the information entered into the system about the customer. In one embodiment, information about a customer is scored. In another embodiment, certain information conditions are flagged. In one embodiment, if the customer meets the criteria for automatic policy denial, the customer is automatically denied a policy. In one embodiment, when certain customer information is entered, the customers information is automatically sent to a human for review.

No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.1334/DELNP/2006 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : DERIVATIVES OF N-(1H-INDAZOLYL)-AND N-(1H-INDOLYL)-UREA AS WELL AS RELATED COMPOUNDS AS MODULATORS OF THE VANILLOID-1 RECEPTOR (VR1) FOR THE TREATMENT OF PAIN

(51) International classification	:A61K 31/416
(31) Priority Document No	:0322016.7
(32) Priority Date	:19/09/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/003968
Filing Date	:16/09/2004
(87) International Publication No	:WO 2005/028445
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)MERCK SHARP & DOHME LIMITED**

Address of Applicant :HERTFORD ROAD, HODDESDON  
HERTFORDSHIRE EN 11 9BU UNITED KINGDOM.

(72)**Name of Inventor :**

**1)FLETCHER STEPHEN ROBERT**

**2)HOLLINGWORTH GREGORY JOHN**

**3)JONES A BRIAN**

**4)MOYES CHRISTOPHER**

**5)ROGERS LAUREN**

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(57) Abstract :

Heteroaromatic Ureas Which Modulate The Function Of The Vanilloid-1 Receptor (VR1) Compounds of formula (I):(Figure Removed) are useful as therapeutic compounds, particularly in the treatment of pain and other conditions ameliorated by the modulation of the function of the vanilloid-1 receptor (VR1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.1335/DELNP/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : 17-HETEROCYCLIC-4-AZASTEROID DERIVATIVES AS ANDROGEN RECEPTOR MODULATORS

(51) International classification	:A61K 31/58	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:60/501,664	<b>1)MERCK &amp; CO., INC.</b>
(32) Priority Date	:10/09/2003	Address of Applicant :126 EAST LINCOLN AVENUE, RAHWAY, NJ 07065-0907 U.S.A.
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US2004/028641	<b>1)MEISSNER, ROBERT, S.</b>
Filing Date	:02/09/2004	<b>2)MITCHELL, HELEN, J.</b>
(87) International Publication No	:WO 2005/025579	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds structural of formula I are modulators of the androgen receptor (AR) in a tissue selective manner. These compounds are useful in the enhancement of weakened muscle tone and the treatment of conditions caused by androgen deficiency or which can be ameliorated by androgen administration, including osteoporosis, osteopenia, glucocorticoid-induced osteoporosis, periodontal disease, bone fracture, bone damage following bone reconstructive surgery, sarcopenia, frailty, aging skin, male hypogonadism, postmenopausal symptoms in women, atherosclerosis, hypercholesterolemia, hyperlipidemia, obesity, aplastic anemia and other hematopoietic disorders, inflammatory arthritis and joint repair, HIV-wasting, prostate cancer, benign prostatic hyperplasia (BPH), abdominal adiposity, metabolic syndrome, type II diabetes, cancer cachexia, Alzheimers disease, muscular dystrophies, cognitive decline, sexual dysfunction, sleep apnea, depression, premature ovarian failure, and autoimmune disease, alone or in combination with other active agents.

No. of Pages : 105 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.1336/DELNP/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : GAMMA SECRETASE INHIBITORS

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(51) International classification	:C07D 233/54
(31) Priority Document No	:0322340.1
(32) Priority Date	:24/09/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/003973
Filing Date	:16/09/2004
(87) International Publication No	:WO 2005/030731
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

**1)MERCK SHARP & DOHME LIMITED**

Address of Applicant :HERTFORD ROAD, HODDESDON  
HERTFORDSHIRE EN11 9BU, UNITED KINGDOM

(72)Name of Inventor :

**1)COLLINS, IAN, JAMES**

**2)HANNAM, JOANNE, CLARE**

**3)MADIN, ANDREW**

**4)RIDGILL, MARK, PETER**

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(57) Abstract :

Compounds of formula I:are potent inhibitors of gamma-secretase and hence find use in treatment or prevention of diseases associated with deposition of (1 -amyloid.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/10/1999

(21) Application No.1423/DEL/1999 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A DISPOSABLE ONE TIME SYRINGE

(51) International classification	:A61M 5/00	(71) <b>Name of Applicant :</b> <b>1)PRAVEEN SINGH</b> Address of Applicant :112, STREET NO. 1, SIRHANDI GATE, PATIALA 147 147 001, PUNJAB, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)PRAVEEN SINGH</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an auto disposable syringe comprising a barrel, a plunger having a flat surface on one side and other side fitted to a piston, said plunger inserted inside the barrel, characterized in that locking means provided in the said syringe comprising two parts attached to each other by means of flexible joint around which it can be rotated provided between the said plunger and the said barrel allowing the movement of the said plunger inside the said barrel in a forward and backward direction for few millimeters to allow capability of aspiration of the syringe and then restricting the movement of the plunger unidirectionally.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/03/2006

(21) Application No.1456/DELNP/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SIZE-CONTROLLED MACROMOLECULE

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(51) International classification

:C07K

(31) Priority Document No

:PCT/KR03/01913

(32) Priority Date

:18/09/2003

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2004/002383

Filing Date

:17/09/2004

(87) International Publication No

:WO 2005/026191 A2

(61) Patent of Addition to Application

:NA

Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

**1)POSCO**

Address of Applicant :1 GEODONG-DONG, NAM-KU,  
POHANG-SHI, KYUNGSANBUK-DO, Republic of Korea

**2)POSTECH FOUNDATION**

(72)Name of Inventor :

**1)PARK JOON WON**

**2)HONG BONG JIN**

**3)CHOI YOUNG SEO**

**4)OH SOON JIN**

**5)CHOI KWAN,YONG**

---

(57) Abstract :

The present application discloses a substrate that includes a molecular layer of regularly spaced size-controlled macromolecules comprising a polymer comprising branched and linear regions in which a plurality of termini on the branched region are bound to the substrate, and a terminus of the linear region is functionalized

No. of Pages : 118 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2010

(21) Application No.2570/DELNP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : MAINTENANCE OPERATION METHOD FOR WIND TURBINE GENERATOR AND WIND TURBINE GENERATOR

(51) International classification	:G06Q50/00;	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)MITSUBISHI HEAVY INDUSTRIES, LTD.</b>
(32) Priority Date	:NA	Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, JAPAN
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/JP2010/052445	<b>1)TOHRU MINAMI</b>
Filing Date	:18/02/2010	<b>2)MITSUYOSHI FUKUDA</b>
(87) International Publication No	:NA	<b>3)EIJI IRIE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a maintenance operation method for a wind turbine generator and a wind turbine generator, which can effectively utilize a phase advance capacitor equipped in the wind turbine generator and contribute to the phase factor improvement of the system side. A maintenance operation method for a wind turbine generator including an induction generator 3 driven by rotation of blades 2, a power output line 5 for outputting power of the induction generator 3 to a distribution system 5, and at least one phase advance capacitor 10 parallel-connected to the power output line, comprises: a first step of releasing connection between the phase advanced capacitor 10 and the power output line 5 when a maintenance mode is selected; and a second step of returning the connection between the phase advanced capacitor 10 and the power output line 5 by a manual operation or an automatic operation, wherein the phase advance capacitor 10 returned to the connection with the power output line 5 performs a power factor improvement of reactor loads 53, 54 in the distribution system 50 side through a linkage portion 60 with the distribution system 50.

No. of Pages : 40 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2010

(21) Application No.2572/DELNP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : HANDY TERMINAL FOR WIND TURBINE GENERATOR

(51) International classification	:H02P9/04;
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2010/052441
Filing Date	:18/02/2010
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES, LTD.

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, JAPAN

(72)Name of Inventor :

1)TOHRU MINAMI

2) EIJI IRIE

(57) Abstract :

A handy terminal for a wind turbine generator which the maintenance of the wind turbine generator, especially the maintenance work inside the nacelle, can be simplified while considering the safety of the maintenance operator. The handy terminal comprises a tower provided to stand on land or off-shore, a nacelle supported on the tower to be controlled to rotate in the yaw direction and a plurality of rotatable blades attached to the nacelle to be controlled to move their pitch, whereby the handy terminal is connectable to connecting ends respectively provided on the lower portion of the tower and the nacelle so as to perform various control of the wind turbine generator, the handy terminal further comprising: an operation button for generating operation signals for various control devices that are incorporated into a control circuit in the wind turbine generator; a display portion for displaying the operating state of the operation button; and a control portion for performing display control of the operation button, wherein the control portion of the operation button makes a mode selecting button to appear that selectively enables a maintenance mode or an operating mode of the wind turbine generator, and makes an operation button to appear that separately controls at least one of: a blade pitch control, a yaw brake control and an accessory motor provided on an oil circuit to control the blade pitch control and the yaw brake control that are incorporated in the wind turbine generator, correspondingly to a corresponding maintenance operation screen displayed on the display portion when the maintenance mode is selected from the selecting button.

No. of Pages : 62 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/04/2010

(21) Application No.2579/DELNP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : WIND TURBINE GENERATOR AND SOUNDNESS DIAGNOSIS METHOD THEREOF

(51) International classification	:H02P9/04;
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2010/052657
Filing Date	:22/02/2010
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)MITSUBISHI HEAVY INDUSTRIES, LTD.**

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 1088215, JAPAN

(72)**Name of Inventor :**

**1)TOHRU MINAMI**

**2)YUJI YATOMI**

**3)HIDETO DOI**

(57) Abstract :

The present invention provides a wind turbine generator and a diagnosis method thereof, which diagnoses soundness of an accumulator provided in an oil passage of an oil pressure supply device as an interlock mechanism (safety arrangement) for the oil pressure supply device and soundness of a pitch movement of the blades are diagnosed so that the pitch control can normally work by the gas pressure of the accumulator in emergency, whereby the risk such that the measurement in emergency cannot be taken is reduced, and therefore the reliability of the operation of the wind turbine generator can be improved. The invention comprises an accumulator 49 provided in an oil circuit of the pressure supply device 40 and having a gas chamber for storing the pressure generated by the oil pump 41; a gas pressure judgment unit 81 for judging a soundness on the gas pressure of the gas chamber of the accumulator; a pitch movement judgment unit 83 for judging whether the pitch movement is performed soundly by the oil pressure accumulated in the accumulator if the gas pressure judgment unit judges that the gas pressure is sound; a start judgment unit 85 for judging a start condition to start the gas pressure judgment unit 81 every predetermined period or when a start switch is operated.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.382/DEL/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : POWER BACKUP SYSTEM

(51) International classification	:H02J7/00;	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)SU-KAM POWER SYSTEMS LTD</b>
(32) Priority Date	:NA	Address of Applicant :PLOT NO. WZ-1401/2, NANGAL
(33) Name of priority country	:NA	RAYA, NEW DELHI India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KUNWER SACHDEV</b>
(87) International Publication No	:NA	<b>2)VENKAT RAJARAMAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SANJEEV KUMAR SAINI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a power backup system comprises a DC/ AC and AC/ DC charger, secondary storage device, controller which controls the power backup system, energy meters to measure the energy consumption, signal conditioning circuit, a port to connect the external devices from which the parameters and information can be led, real time clock (RTC), built-in time delay relay (TDR) switch activated by the authorized dealer, displays and remote monitoring and control unit wherein the unit communicates with the other devices from local or remote location.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.383/DEL/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : MULTIPLE NETWORK ARCHITECTURE PROVIDING FOR MIGRATION OF DEVICE

(51) International classification	:H04W84/02;	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)CISCO TECHNOLOGY, INC.,</b>
(32) Priority Date	:NA	Address of Applicant :170 W, TASMAN DRIVE, SAN JOSE, CALIFORNIA 95134, USA
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SIVA PRASAD DONTHAMSETTY</b>
Filing Date	:NA	<b>2)KULKARNI HRISHIKESH VISHWAS</b>
(87) International Publication No	:NA	<b>3)LILIAN SYLVIA FERNANDES</b>
(61) Patent of Addition to Application Number	:NA	<b>4)MICHAEL R. SMITH</b>
Filing Date	:NA	<b>5)SRINATH MOHANRAJ</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In providing seamless migration of virtual or Physical devices among networks of a virtual local area network (VLAN) such as one spanning multiple data centers, a same virtual anyeast Medium Access Control (VMAC) is used for reaching default gateways in virtual and/or physical devices. Each network is typically configured such that source MAC learning for the VMAC should happen only for packets coming from the local default gateway. In this manner, when a device is migrated between networks of the VLAN, the same IP address and corresponding MAC address (typically still residing in the MAC cache of the migrated device) can be used to reach the local default gateway.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.389/DEL/2010 A

(43) Publication Date : 26/08/2011

---

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

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(51) International classification	:	C07D36/11
(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)JUBILANT ORGANOSYS LIMITED**

Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-201  
301, UTTAR PRADESH, INDIA,

(72)Name of Inventor :

**1)BHASKAR, PALLOORU MUNI**

**2)MEHTA, JATIN**

**3)SINGH, KUMBER**

**4)PURANI, RAMACHANDRA**

**5)VIR, DHARAM**

---

(57) Abstract :

The present invention relates to an improved and economic process for the preparation of letrozole, wherein the process involves isolation of pure intermediate 4-[l-( 1,2,4-triazolyl)methyl]-benzonitrile by selective extraction in high yields, which is further treated with 4-fluorobenzonitrile to get letrozole.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.390/DEL/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : FRUIT TREE BONSAI PLANTING METHOD

---

(51) International classification	:A23C11/00	(71) <b>Name of Applicant :</b> <b>1)CHUNG-PENG TIEN</b> Address of Applicant :NO. 87, SEC.2, TAIPING RD., CAOTUN TOWNSHIP, NANTOU COUNTY 54263, TAIWAN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)CHUNG-PENG TIEN</b>
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fruit tree bonsai planting method includes primarily grafting a scion 11 with a stock 20 by an inarching method, with an inarched location being fastened tightly by a tape. A lower part of the scion 11 is cut off when the inarched location is healed and then the stock 20 is transplanted to a pot with fertile soil for fixing, thereby forming a fruit tree bonsai having an indoor decorative condition and edible fruits.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.391/DEL/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : STRUCTURE FOR THE SURVIVAL AND BREEDING OF EARTHWORMS IN SPECIFICALLY DESIGNED VERMIBREEDING HOUSE

(51) International classification	:D03J11/00	(71) <b>Name of Applicant :</b> <b>1)DIRECTOR GENERAL DEFENCE RESEARCH &amp; DEVELOPMENT ORGANIZATION MINISTRY OF DEFENCE GOVT. OF INDIA</b> Address of Applicant :THIRD FLOOR, 'B' WING ROOM NO. 348, DRDO BHAWAN 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 Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)GYAN P MISHRA</b> <b>2)SHASHI BALA SINGH</b> <b>3)DORJEY ANGCHOK</b> <b>4)HITESH KUMAR</b> <b>5)RAGHWENDRA SINGH</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

This invention relates to a structure of vermi-breeding house for high altitude region made of stones and wood for the survival and breeding of earthworms comprising an iron tunnel covered with polythene, ventilators, organic matter heap and polythene sheet floor wherein the said structure is capable of maintaining temperature and relative humidity.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.392/DEL/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A METHOD OF PREPARING A HIGH ENERGY DENSITY SILICON-GRAFITE ANODE MATERIAL AND A HIGH ENERGY DENSITY SILICON-GRAFITE MATERIAL

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(51) International classification	:C07D36/00	(71) <b>Name of Applicant :</b> <b>1)INDIAN INSTITUTE OF TECHNOLOGY ROORKEE</b> Address of Applicant :UTTARAKHAND 247 667 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	

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(57) Abstract :

The invention relates to a method of preparing of a silicon/graphite anode material with higher charge capacity, the method comprising the steps of mixing a crystalline Si <2 wt%, preferably at 1 wt% in crystalline graphite for atleast four hours in a ball mill, the ball mill operating at a rotational speed of 250 rpm using a low viscous liquid; and annealing the powder mixture after milling at 1200°C for atleast five hours in an Ar gas atmosphere at the atmospheric pressure.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2010

(21) Application No.399/DEL/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : CONSTANT VOLT PER HERTZ CONTROL OF INDUCTION MOTOR USING VARIABLE FREQUENCY TRANSFORMER

(51) International classification	:H01F27/00;
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DR. MOHD. RIZWAN KHAN

Address of Applicant :ASSISTANT PROFESSOR,  
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COLLEGE OF ENGG. & TECH. ALIGARH MUSLIM

UNIVERSITY, ALIGARH(U.P.)-202002 INDIA 2)DR. ATIF

IQBAL

3)DR. SHAIKH MOINUDDIN

(72)Name of Inventor :

1)DR. MOHD. RIZWAN KHAN

2)DR. ATIF IQBAL

3)DR. SHAIKH MOINUDDIN

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(57) Abstract :

A novel approach of obtaining volt per hertz control of a three-phase induction motor drive is documented in this proposal. The variable frequency transformer (VFT) is a device which is capable of producing variable voltage and variable frequency (VVVF) and is used effectively for constant V/f drive. The main component of VFT is a rotary transformer (slip-ring type three-phase induction motor) with three-phase windings on both stator and rotor. A dc motor drive system is mechanically coupled with the VFT, to adjust the rotational speed of the rotor with respect to stator, therefore controlling the magnitude of rotor winding voltage and frequency. Simulation and experimental results have been obtained to verify the concept of VFT based V/f control of a three-phase induction motor drive and reported. The advantages and shortcomings of the proposed approach are highlighted.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2010

(21) Application No.420/DEL/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : HOT & COLD TEMPERATURE INDICATOR

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(51) International classification	:G01K1/00;
(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)KONARK MANOCHA**

Address of Applicant :178 CL, MODEL TOWN, KARNAL, HARYANA. India

(72)Name of Inventor :

**1)KONARK MANOCHA**

(57) Abstract :

Hot and Cold Indicator is a solution to the long ago felt problem pertaining to all drinkables liquids and eatables. Everyone who uses this device shall be at his liberty to fix hot and cold temperature according to his choice and acceptability. This purposed device provides the user with option to consume the food or drink at the temperature which they want. This device will enable the user to eat or drink at temperature which they want.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/07/2009

(21) Application No.4815/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DEVICE FOR ASSEMBLING TWO BOARDS

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(51) International classification	:F16B
(31) Priority Document No	:07/01623
(32) Priority Date	:06/03/2007
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2008/000922
Filing Date	:07/02/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

1)A. RAYMOND ET CIE

Address of Applicant :115 Cours Berriat F-38000 Grenoble France

(72)Name of Inventor :

1)DEGELIS Vincent

2)MAURY Paul

(57) Abstract :

The invention relates to a device for assembling a first board (P1) and a second superimposed board (P2), intended to extend axially through an opening formed in each board (P1, P2). The device includes a connection base (10) provided with means for attachment onto the first plate (P1), and a captive locking member (11) having an elongated body (12) mounted in the connection base (10) and a retaining head (13) for the second plate (P2). The locking member (11) has a failure area (21) provided between the retaining head (13) and the elongated body (12) of the locking member (11).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2009

(21) Application No.5109/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : MULTI OBJECTIVE NATIONAL AIRSPACE FLIGHT PATH OPTIMIZATION

(51) International classification	:G06F 15/18
(31) Priority Document No	:60/890,757
(32) Priority Date	:20/02/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/054276
Filing Date	:19/02/2008
(87) International Publication No	:WO 2008/103654
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)LOCKHEED MARTIN CORPORATION**

Address of Applicant :6801 ROCKLEDGE DRIVE,  
BETHESDA, MARYLAND 20817, USA.

(72)**Name of Inventor :**

**1)JHA, PRATIK D.**

**2)SUCHKOV , ALEXANDER**

**3)SUBBU, RAJESH VENKAT**

**4)LIZZI, JOHN MICHAEL**

**5)IYER NARESH**

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(57) Abstract :

Systems and methods for optimizing a plurality of competing portfolios of logistical alternatives are disclosed. In one embodiment, where the competing portfolios of logistical alternatives are competing portfolios of flight paths, a method (1100) for optimizing a plurality of competing portfolios of logistical alternatives includes receiving (1102) competing flight path portfolios from one or more flight operation centers. Dominance criteria are applied (1104) to select a subset of the portfolios from the plurality of competing portfolios for further consideration. Multi-objective genetic optimization is applied (1106) to the subset of portfolios to identify an optimal portfolio among the plurality of competing portfolios of logistical alternatives. Where the method (1100) is undertaken by executing computer program code on at least one computer processor, information identifying the logistical alternatives included in the optimal portfolio may be output (1108) on an output device in communication with the computer processor.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/08/2009

(21) Application No.5520/DELNP/2009 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : A SUPPORTED CATALYST FOR THE PREPARATION OF (CO)POLYMERS ETHYLENICALLY UNSATURATED MONOMERS[]

(51) International classification	:c08f	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:07003639.7	<b>1)SAUDI BASIC INDUSTRIES CORPORATION</b> Address of Applicant :P.O. Box 5101 11422 Riyadh Saudi Arabia
(32) Priority Date	:22/02/2007	
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP2008/001336	(72) <b>Name of Inventor :</b>
Filing Date	:20/02/2008	<b>1)TAIT Peter</b> <b>2)ABURAQABAH Atieh</b> <b>3)BAKLEH Rami</b> <b>4)ABDULRAZK Eyad</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a supported catalyst comprising: 1) a precursor comprising a solid particulate support material in the form of mesoporous silicate structure MCM-48 wherein the silicate structure is treated with an aluminoxane compound and/or an organoaluminum compound; and 2) a transition metal complex of a Group 4 transition metal of the periodic system being coordinative connected to two phenoxy-imine ligands. The catalyst is applied in the (co)polymerization of olefins.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/09/2009

(21) Application No.5678/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : 2-ARYL-5-HETEROCYCLYL-CYCLOHEXANE-1,3-DIONE COMPOUNDS AND THEIR USE AS HERBICIDES

(51) International classification	:C07D 43/16	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:0704653.5	<b>1)SYNGENTA PARTICIPATIONS AG.</b>
(32) Priority Date	:09/03/2007	Address of Applicant :SCHWARZWALDALLEE 215, CH-4058 BASEL SWITZERLAND.
(33) Name of priority country	:U.K.	<b>2)SYNGENTA LIMITED</b>
(86) International Application No	:PCT/EP2008/001840	(72) <b>Name of Inventor :</b>
Filing Date	:07/03/2008	<b>1)MATHEWS CHRISTOPHER JOHN</b>
(87) International Publication No	:WO 2008/110307	<b>2)FINNEY JOHN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ROBINSON LOUISA</b>
Filing Date	:NA	<b>4)TYTE MELLONEY</b>
(62) Divisional to Application Number	:NA	<b>5)MUEHLEBACH MICHEL</b>
Filing Date	:NA	<b>6)WENGER JEAN</b>

(57) Abstract :

Cyclohexanedione compounds of Formula (I) wherein R1 is methyl, ethyl, n-propyl, Iso-propyl, cyclopropyl, halomethyl, haloethyl, halogen, vinyl, ethynyl, methoxy, ethoxy, halomethoxy or haloelhoxy, R2 and R3 are, independently hydrogen, halogen, C1-C6alkyl, C1-C6haloalkyl, C1- C6alkoxy, C1-C6haloalkoxy, C2-C6alkenyl, C2-C6haloalkenyl, C2-C6alkynyl, C3-C6alkenyloxy, C3-C6haloalkenyloxy, C3-C6alkynyloxy, C3-C6cycloalkyl, C1-C6alkylthio, C1-C6alkylsulfinyl, C1-C6alkylsulfonyl, C1-C6alkylsulfonyloxy, C1-C6haloalkylsulfonyloxy, cyano, nitro, phenyl, phenyl substituted by C1-C4alkyl, C1-C3Cahaloalkyl, C1-C3alkoxy, C1-C3haloalkoxy, cyano, nitro, halogen, C1-C3alkylthio, C1-C3alkylsulfinyl or C1-C3alkylsulfonyl, or heteroaryl or heteroaryl substituted by C1-C3Calkyl, d.cahealoalkyl, C1-C3alkoxy, C1-C3haloalkoxy, cyano, nitro, halogen, C1-C3alkylthio, C1-C3alkylsulfinyl or C1-C3alkylsulfonyl, R4 is hydrogen, methyl, ethyl, n-propyl, /so-propyl, halomethyl, haloethyl, halogen, vinyl, ethynyl, methoxy, ethoxy, halomethoxy or haloethoxy, X is O, S, S(O) or S(O)2, R5 is hydrogen or methyl, R6 is hydrogen, methyl or ethyl, or forms a double bond, which links the carbon atom, to which R6 is attached, with the adjacent carbon atom of R7 or R8, R7 and R8 are independently of each other C1-C5alkylene, which is unsubstituted or substituted by methyl or ethyl, or C2- C5alkenylene, which is unsubstituted or substituted by methyl or ethyl, and G is hydrogen, an alkali metal, alkaline earth metal, sulfoni&upsi;m, ammonium or a latentiating group, are suitable for use as herbicides.

No. of Pages : 84 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/09/2009

(21) Application No.5882/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : VIDEO DATA TRANSMISSION VIA A USB INTERFACE

(51) International classification	:G06F 3/14
(31) Priority Document No	:07090058.4
(32) Priority Date	:26/03/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2008/002078
Filing Date	:14/03/2008
(87) International Publication No	:WO 2008/116569
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)RECORD4FREE.TV AG,**

Address of Applicant :ALLMENDSTRASSE 11, 6312 STEINHAUSEN, Switzerland

(72)**Name of Inventor :**

**1)OLIVER STANGL,**

**2)ANDREAS MIHALOVITS,**

**3)ELIAS INDRICH,**

**4)ROLAND PEFFER,**

(57) Abstract :

The invention relates to a method for the transmission of video data from a data source (1 )to a data sink.(2), wherein the transmission is carried out via a USB interface (3, 11), wherein the information transmitted via the USB interface (3, 11) represents the digital values of a YUV signal, wherein the digital values of the YUV signal are fed to a video encoder (24), particularly in the form of a video DAC, in the data sink.

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2006

(21) Application No.598/DEL/2006 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : A PROCESS FOR PREPARATION OF MALT HYDROLYSATE ESPECIALLY SUITABLE FOR HEALTH FOODS

(51) International classification

:C12C

(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) Abstract :

A blend of husk free finger millet malt flour (75%) and husk free barley malt flour (25%) is mixed with potable water to form about 25% solid content and the slurry is heated by raising the temperature at the rate of about 1.5 degree C per min to boiling with constant agitation. The hydrolysis of starch content of malt flours is ensured by negative to iodine blue test. The hydrolysate is dried preferably in a spray drier to dehydrate and to prepare the hydrolysate in amorphous powdery form. The carbohydrate profile of the hydrolysate comprises of glucose, maltose, malto-oligosaccharides and dextrins of less than 20DE. Some of the functional properties of the hydrolysate in dry form indicates its suitability to formulate health beverage by blending with sugar, milk solids, vitamins, minerals, colouring and flavourings. The hydrolysate in liquid form could also be mixed with sugar, milk solids, and such other desirable additives and spray dried or vacuum shelf dried to prepare the health beverage formulations.

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

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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

(72)Name of Inventor :

1)N.G. MALLESHI

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2006

(21) Application No.600/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN IMPROVED METHOD FOR STORAGE FOR LONG DISTANCE TRANSPORTATION OF BANANA

(51) International classification	:A23B 7/148	(71) <b>Name of Applicant :</b> <b>1)Council of Scientific and Industrial Research.</b> Address of Applicant :Anusandhan Bhawan, Rafi Marg, NEW DELHI- 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	<b>(72)Name of Inventor :</b> <b>1)VITHAL BALAVANT KUDACHIKAR</b> <b>2)MUDLAPURA NARAYANA KESHAVA PRAKASH</b> <b>3)SHYAMRAO GURURAO KULKARNI</b> <b>4)BIRADAVOLU ARAVINDA PRASAD</b> <b>5)MYSORE SHIVAPPA VASANTHA</b> <b>6)KANUMURI VENKTA RAMA RAMANA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

In order to overcome the short shelf life and poor post harvest quality of banana, the present process was evolved. The process of the present invention deals with selection of precise stage of maturity (75-80%) for harvest of banana bunches from the banana orchard, preparation of banana before storage, which includes dehanding the bunches, removal of latex, washing, sorting, grading, packing, weighing and storing under defined gas concentrations, temperature and relative humidity conditions. The present invention provides a method for simulating conditions, to extend the storage life of unripe green banana for 56 days for long distance transportation. This patent has a potential application to trade banana over sea for commercial feasibility.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/09/2009

(21) Application No.6023/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHOD FOR PRODUCING TRANSGENIC SURFACE CHIMERIC PLANT

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(51) International classification	:C12N 15/09
(31) Priority Document No	:2007-089259
(32) Priority Date	:29/03/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/056746
Filing Date	:28/03/2008
(87) International Publication No	: NA
(61) 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 Flower Developments Proprietary Limited**  
Address of Applicant :1 Park Drive Bundoora Victoria 3083 Australia.

(72)Name of Inventor :

**1)JUNICHI TOGAMI**  
**2)EKATERINA MOURADOVA**

(57) Abstract :

A rose is produced in which an introduced gene is only present in a part of the cells thereof, such as cells of the L1 layer of flower petals, but is not present in germ cells such as pollen cells or valve cells. Since the introduced gene is not propagated to other roses even when this rose is crossed with other roses, the possibility of dispersal of the introduced gene can be completely naged.

No. of Pages : 44 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/09/2009

(21) Application No.6026/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SYSTEM, APPARATUS AND METHOD FOR CARBON DIOXIDE SEQUESTRATION

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(51) International classification	:C01B 31/20
(31) Priority Document No	:2007900853
(32) Priority Date	:20/02/2007
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2008/000232
Filing Date	:20/02/2008
(87) International Publication No	: NA
(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 J. HUNWICK**

(57) Abstract :

A carbon dioxide sequestration process includes the following steps. In a first stage, a slurry of a metal silicate rock is mixed with ammonia so as to produce a ammonia/water/metal silicate slurry. In a second stage, the process includes scrubbing a gas stream containing carbon dioxide with the solution from the first stage to thereby absorb the carbon dioxide into a reactive slurry. In a third stage, the reactive slurry from the second stage is passed through a reactor that is controlled so as to promote the reaction between the carbon dioxide and the metal silicate to thereby produce a metal carbonate.

No. of Pages : 44 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2006

(21) Application No.611/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : NOVEL NAPHTHO (1,2-D) OXAZOLE DERIVATIVES AS AGENT FOR TREATMENT OR PROPHYLAXIS OF NON- IN SULIN DEPENDENT DIABETES AND RELATED METABOLIC DISORDERS

(51) International classification	:A61K 31/41	(71) <b>Name of Applicant :</b> <b>1)Council of Scientific and Industrial Research.</b> Address of Applicant :Anusandhan Bhawan, Rafi Marg, NEW DELHI- 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)AHMAD, PERVEZ</b> <b>2)TIWARI, PRITI</b> <b>3)TRIPATHI, BRAJENDRA KUMAR</b> <b>4)SRIVASTAVA, ARVIND KUMAR</b> <b>5)KUMAR, ATUL</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to novel alkyl amino substituted naphtho [1, 2-d] oxazoles. More particularly the present invention is relates to the novel naphtha [1, 2-d] oxazole phenoxy-subsituted alkyl amino derivatives, their preparation and use as anti-hyperglycemic agents (Anti-diabetic) and for the treatment and prevention of cardiovascular disorders (CVS) The main objective of the present invention is to provide agents to act in non insulin dependent diabetes mellitus (NIDDM) with the added advantage of their effect in the treatment and prevention of CVS disorders.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2006

(21) Application No.613/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : NEW PROCESS FOR EFFICIENT DEPITHING OF BAGASSE

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(51) International classification	:C10L
(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)Council of Scientific and Industrial Research.**

Address of Applicant :Anusandhan Bhawan, Rafi Marg, NEW DELHI- 110 001, INDIA.

(72)**Name of Inventor :**

**1)AG KULKARNI**

**2)VK MOHINDRU**

**3)RK JAIN**

**4)K SINGH**

**5)AK DIXIT**

---

(57) Abstract :

The present invention provides a process for preparation of chemical pulp using depithed bagasse having up to 5% pith content. The present invention provides a process for the separation of pith from the fibrous portion of bagasse coming from the crushing operations of sugar mill. The process utilizes the short milling concept as applied to bagasse. By the process, the bagasse is fractionated in to its botanical components which are then processed to separate the pith and useful fibers. The depithed bagasse obtained by this proposed method of depithed always exhibits residual pith content of not more than 5%. The depithed bagasse so obtained is used to produce chemical pulp with many advantages. These include savings of chemicals during pulping, gain in the pulp yield and the reduction in the pollution loads.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2006

(21) Application No.619/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : OXYGEN AND HYDROGEN GENERATION DEVICE.

(51) International classification	:C01B 3/06	(71) <b>Name of Applicant :</b> <b>1)LIN WEN CHANG</b> Address of Applicant :No. 115, Alley 320, Gong Ye 2nd Road, Lin Yuan Hsiang, Kaohsiung Hsien, Taiwan
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)LIN WEN CHANG</b>
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An oxygen and hydrogen generation device is provided, which mainly contains at least an electrobath, an electrolyte supply tank, a coolant supply tank, an electrolyte storage tank, a coolant storage tank, and a power switchboard. Along the lateral sides of the electrolyte and the coolant supply tanks, level sensing tubes along with at least a level sensor are configured, respectively. Inside the electrolyte and coolant storage tanks, electrical pumps are provided which are controlled by the level sensors of the electrolyte and the coolant supply tanks, respectively. Whenever the electrolyte and the coolant inside the respective electrolyte and the coolant supply tanks have dropped below their respective level sensors, the electrical pumps are automatically engaged to refill the electrolyte and coolant supply tanks, without shutting down the device.

No. of Pages : 20 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :09/03/2006

(21) Application No.625/DEL/2006 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : A NOVEL PSEUDOMONAS SP VHMI STRAIN AND A PROCESS FOR PRODUCING A GALACHOSIDASE FROM THE SAID STRAIN

(51) International classification

:C12P

(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)DEPARTMENT OF BIOTECHNOLOGY, BLOCK 2,  
C.G.O. COMPLEX, LODI ROAD, NEW DELHI-110003.**  
Address of Applicant :BLOCK 2, C.G.O. COMPLEX LODI  
ROAD, NEW DELHI-110003. India

**2)GULBURGA UNIVERSITY**

(72)Name of Inventor :

**1)V.H. MULIMANI**

**2)S.J. PRASHANTH**

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(57) Abstract :

A novel bacterium identified as Pseudomonas sp VHMI strain.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.641/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF REACTIVE BLAST FURNACE SLAG

(51) International classification	:C04B 5/100	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI- 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KUMAR RAKESH</b>
(87) International Publication No	:NA	<b>2)KUMAR SANJAY</b>
(61) Patent of Addition to Application Number	:NA	<b>3)THOMAS C. ALEX</b>
Filing Date	:NA	<b>4)MEHROTRA SURYA PRATAP</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention particularly relates to a process for increasing the reactivity of ground granulated blast furnace slag using surface activation through short mechanical activation time (10-60 min) and it starts to hydrate in short time (48 h or less) when mixed with water without any chemical additive and completely hydrates in maximum 28 days forming cementitious product. The products produced by the process of present invention may be of different particle sizes and shapes, different specific surface areas, different surface charge (Zeta potential) and different reactivity. The reactive blast furnace slag shall be useful in Portland Slag Cement (PSC), Geopolymer, immobilisation and stabilisation of toxic wastes and newer nano-composite materials.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2006

(21) Application No.599/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DECOLORIZATION AND DEGRADATION OF TEXTILE INDUSTRY WASTEWATER USING LABORATORY ISOLATED CONSORTIA CONTAINING PSEUDOMONAS AERUGINOSA, ALCALIGENES SP AND BACILLUS LATROSPHOROUS

(51) International classification	:CO2F 3/34	(71) <b>Name of Applicant :</b> <b>1)Council of Scientific and Industrial Research.</b> Address of Applicant :Anusandhan Bhawan, Rafi Marg, NEW DELHI- 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)S. SANDHYA</b> <b>2)K. SWAMINATHAN</b> <b>3)S. PADMAVATHY</b> <b>4)K. SHARAYU</b> <b>5)SUKUMAR DEVOTTA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The invention relates to decolorization and treatment of dyes, textile and dye manufacturing wastewaters using aerobic microbial consortia containing Pseudomonas aeruginosa, Alcaligenes sp and Bacillus latosphorous microorganisms under microaerophilic - aerobic condition. The present invention particularly relates to a process development for the decolorization of synthetic dyes from dye containing wastewater and textile wastewater using microbial consortia in sequential microaerophilic aerobic condition.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/09/2009

(21) Application No.6008/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : NOVEL PDMS-PVP BLOCK COPOLYMERS

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(51) International classification	:c07b
(31) Priority Document No	:60/895,042
(32) Priority Date	:15/03/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/056825
Filing Date	:13/03/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

**1)THE POLYMER TECHNOLOGY GROUP INCORPORATED**

Address of Applicant :2810 7th Street Berkeley California 94710 United States of America

(72)Name of Inventor :

**1)PARAKKA James P.  
2)MCCREA Keith R.  
3)WARD Robert S.**

(57) Abstract :

Methods for preparation of functionalized polyvinylpyrrolidone with polymethylazabifunctions and amphipathic polydimethylsiloxane-PVP block copolymers A (meth)acrylated polyvinylpyrrolidone compound and a (meth)acrylamide-functionalized polyvinylpyrrolidone structures are disclosed. The block copolymers are useful as biomaterial components in biomedical devices. They provide improved wettability, lubricity, and material compatibility to the biomedical device, e.g., ophthalmic lenses.

No. of Pages : 18 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/09/2009

(21) Application No.6016/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A CONJUGATE OF INSULIN AND VITAMIN B12 FOR ORAL DELIVERY

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(51) International classification	:A61K 38/22
(31) Priority Document No	:60/904,962
(32) Priority Date	:05/03/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/002846
Filing Date	:04/03/2008
(87) International Publication No	:WO 2008/109068
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

1)SYRACUSE UNIVERSITY

Address of Applicant :2-220 CST, SYRACUSE, NEW YORK  
13244-1200, USA.

(72)Name of Inventor :

1)DOYLE, ROBERT, PATRICK

(57) Abstract :

Compositions containing a therapeutic peptide covalently linked to Vitamin B12 at the 5-hydroxyl group of the ribose moiety of  $\alpha$ -ligand are described. The length of the linkage is optimized so that the biological activity of both the Vitamin B12 and the therapeutic peptide is maintained. Therapeutic peptide includes insulin, PYY, NPY and GLP-1. Attachment to Vitamin B12 provides uptake of the therapeutic peptide from the digestive tract and longer residence time.

No. of Pages : 80 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.638/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A PROCESS FOR THE REMOVAL OF FLUORIDE FROM SPENT POT LINERS OF ALUMINIUM SMELTER PLANTS AND RECOVERY OF ITS CARBON VALUE

(51) International classification	:B02C 17/00	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, 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) <b>Name of Inventor :</b> <b>1)BIMANRANJAN MAZUMDER</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Aluminum smelters discard spent pot liners which are high volume wastes of the industry and its disposal is a major problem as it is loaded with highly toxic fluoride compounds, the disposal of which in open areas poses great environmental risks. The present invention discloses a simple wet process by which these toxic fluoride compounds can be removed in a simple essentially a single step treatment process and simultaneously recover the valuable carbon material in the discarded pot liners. The present invention discloses a process by which the spent pot liners are decontaminated by reacting crushed spent pot liners with a strong oxidizing acid mixture such as perchloric acid, fuming sulfuric acid and concentrated nitric acid, at a temperature in the range of ambient to boiling for a period of about 10 minutes to 24 hours, followed by washing, drying the resultant carbon powder and subjecting the dried carbon powder to thermal shock for upto about a minute in a preheated oven at a temperature of about 900 - 950 °C , to obtain free flowing carbon powder. After removing contaminants the recovered carbon is characterized through parameters such as particle size, ash content for its possible future industrial use as an important raw material for a number of industrial carbon products.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.644/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN IMPROVED PROCESS FOR THE PRODUCTION OF BLENDED CEMENT CONTAINING HIGHER PROPORTION OF FLY ASH USING HIGH-ENERGY MILLING

(51) International classification	:C04B 18/04	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, 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) <b>Name of Inventor :</b> <b>1)RAKESH KUMAR</b> <b>2)SANJAY KUMAR</b> <b>3)AMITAVA BANDOPADHYAY</b> <b>4)SURYA PRATAP MEHROTRA</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The Present invention relates to an improved process for the production of blended cement containing higher proportion of fly ash using high-energy milling. The invention in general relates to a process for production of Portland pozzolana cement using cement clinker and higher proportion of fly ash, which is a waste material generated from thermal power plants.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.640/DEL/2006 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF HIGH TEMPERATURE SUPERCONDUCTING BULK CURRENT LEADS WITH IMPROVED PROPERTIES AND SUPERCONDUCTING BULK CURRENT LEADS MADE THEREBY

(51) International classification	:C04B 35/58	(71)Name of Applicant : <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, 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 : <b>1)EKBOTE, SHRIKANT NARAYAN</b> <b>2)PADAM, GURSHARAN KAUR</b> <b>3)ARORA, NARINDER KUMAR</b> <b>4)SHARMA, MUKUL</b> <b>5)SETHI, RAMESH KUMAR</b> <b>6)BANERJEE, MRINAL KANTI</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of high temperature superconducting (HTS) bulk current leads capable of supplying a continuous current of more than 200A at 77K, at least for 2 to 4 hours without any substantial heat load to cryogen free cryocooler and other superconducting magnet systems. The superconducting bulk current leads with improved properties are prepared from an improved high temperature superconducting (HTS) bismuth based cuprate [(Bi, Pb)<sub>2</sub> Sr<sub>2</sub>Ca<sub>2</sub>Cu<sub>3</sub>O<sub>10+x</sub>] material in tube and rod shape with both end metallic contacts. To produce such a lead, the process included modification of the superconducting material with homogeneous silver addition, a step of initial sintering in a large size tube followed by crushing into powder, a step of shaping the said initially sintered tube powder into tubes and rods of different size, a step of formation of metallic contacts by a perforated silver foil sandwiched between two metal spray deposited silver at both end parts of the said tubes and rods followed by a final step of co-sintering. In the current leads obtained according to these aspects, it is possible to stably carry current more than 200A required for energizing superconducting magnet systems.

No. of Pages : 54 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.643/DEL/2006 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AN IMPROVED PROCESS FOR MAKING IRON TANNED LEATHER

(51) International classification	:C04C 3/04	(71) <b>Name of Applicant :</b> <b>1)Council of Scientific &amp; Industrial Research</b> Address of Applicant :Anusandhan Bhawan, Rafi Marg, 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 :

An improved process for making iron tanned leather is provided whereby pickled hide/skin is treated with Ferric salt in presence of chelating ligand, fatty acid and aromatic polycarboxylate under controlled conditions to adjust the final pH of the leather at 3.8-4 to obtain iron tanned leather. The leather exhibits a shrinkage temperature of 100 to 106°C. An improved process for making iron tanned leather is provided whereby pickled hide/skin is treated with Ferric salt in presence of chelating ligand, fatty acid and aromatic polycarboxylate under controlled conditions to adjust the final pH of the leather at 3.8-4 to obtain iron tanned leather. The leather exhibits a shrinkage temperature of 100 to106°C.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.646/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SURFACE MODIFIED ZEOLITE AND PROCESS FOR SYNTHESIS THEREOF FOR SEQUESTRATION OF ANIONS

(51) International classification	:B01J 29/00	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)SADHANA SURESH RAYALU</b>
(87) International Publication No	:NA	<b>2)PAWAN KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NA</b>
Filing Date	:NA	<b>4)SIDDHARTH ULHAS MESHRAM</b>
(62) Divisional to Application Number	:NA	<b>5)AMIT KUMAR BANSIWAL</b>
Filing Date	:NA	<b>6)NITIN KUMAR LABHSETWAR</b>
		<b>7)RISHI NARAYAN SINGH</b>
		<b>8)SUKUMAR DEVOTTA</b>

(57) Abstract :

Present invention deals with the cost effective surface modified zeolite materials developed from commercial zeolites and flyash based zeolites treating with surface modifiers like hexadecyltrimethyl ammonium bromide (HDTMA-Br). The formation of zeolitic materials with anionic characteristics requires treatment with surfactant with initial concentrations greater than its critical micelle concentration (CMC). The sorption of oxyanions on surfactant modified zeolite (SMZ) may be attributed to surface complexation and surface precipitation. Incorporation of metal ions on SMZ showed improved anion uptake for dearsenification of water probably due to synergistic effect and is able to meet the stringent target of 10 ppb of As on portable water being adopted by most of the countries. High selectivity, faster kinetics and high adsorption capacity ensures cost effectiveness of this product as compared to other low cost products for dearsenification. Zeolite analogues with anionic characteristics have been developed for their applications for removal of arsenic from water. The material developed can also be used to remove other anions like chromium and seleniums

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.645/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A PROCESS FOR MAKING IRON TANNED LEATHER USING NATURAL POLYSACCHARIDE

(51) International classification	:C14C 9/00	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :Anusandhan Bhawan, Rafi Marg, 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 :NA	(72) <b>Name of Inventor :</b> <b>1)NARASIMHAN KANNAN CHANDRABABU</b> <b>2)RAJAN KARTHIKEYAN</b> <b>3)RAMAKRISHNAN RAMESH</b> <b>4)THIRUMALACHARI RAMASAMI</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

At present, the awareness among the public is becoming more about the pollution related problems associated with chrome tanning method, which is a versatile tanning system often stated that about 85-90% of all leathers produced are chrome tanned. Iron salts have been reported to be inexpensive and non-polluting with interesting tanning abilities. The previous attempts shows that even with proper masking salts a solo iron tannage can be achieved a shrinkage temperature of 80-97°C. In this connection, arabinogalactan protein complex, which is a complex natural polysaccharide, is employed as masking agent along with ferric sulphate, tartarate, and phthalate as chelating ligands. The resultant leathers show a shrinkage temperature of 108 -110°C.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.648/DEL/2006 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : A BATIRIUM CONSORTIUM, BIO-ELECTROCHEMICAL DEVICE AND A PROCESS FOR QUICK AND RAPID ESTIMATION OF BIOLOGICAL OXYGEN DEMAND

(51) International classification	:G01N, C12N 11/14	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDISTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001,INDIA.
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)RITA KUMAR</b>
(33) Name of priority country	:NA	<b>2)ABHA JOSHI</b>
(86) International Application No	:NA	<b>3)ABHA JOSHI</b>
Filing Date	:NA	<b>4)TUSHYA KUMAR SAXENA</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention deals with a device for quick estimation of biochemical oxygen demand of beverage waste water. This device consists of an immobilized microbial membrane attached to an electrode, multimeter and a laptop workstation installed with a developed software. BOD measurement of beverage waste water using this device is rapid, reproducible and effective as compared to conventional titration based methods. This device also excludes COD estimation as required for BOD estimation of waste water. This bio-electrochemical device may find wide commercial application in beverage industries emanating waste waters.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.651/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A METHOD FOR THE SCREENING OF BACTERIAL ISOLATES

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(51) International classification

:C12Q

1/68

(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) Abstract :

Present invention relates to a method to determine the genotype of organisms by RAPD analysis and more specifically, to establish the relatedness of individual organisms across and within species. RAPD uses genotypic information of an organism to give an organism specific DNA fragment of different sizes. The present invention provide methods and a set of oligonucleotide primers for performing amplification and other enzymatic reactions on nucleic acid molecules that have been collected directly as environmental DNA or DNA derived form pure isolates. More specifically, the present invention relates to a novel method of genetic analysis using a set of sub-sequence, which occurs as inverted repeats in different genome with different frequencies. Hence, in defined conditions two genome samples could be differentiated from each other. These features are applicable to DNA fingerprinting, marker assisted selection, genotyping, and high throughput laboratory screening methods for culturable microbes from any environmental niche.

No. of Pages : 44 No. of Claims : 14

(71)Name of Applicant :

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

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

(72)Name of Inventor :

**1)PUROHIT, HEMANT JYOTISWARUP**

**2)KAPLEY, ATYA**

**3)RAJE, DHANANJAY VASANT**

**4)DEVOTTA, SUKUMAR**

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6545/DELNP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : MAGNETIC ENERGY RECOVERY SWITCH HAVING PROTECTIVE CIRCUIT

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(51) International classification	:H02M 7/48
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2008/053340
Filing Date	:20/02/2008
(87) International Publication No	:WO 2009/104277
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)Name of Applicant :

1)MERSTECH INC.

Address of Applicant :15-19-308, KAMI-OSAKI 2-CHOME,  
SHINAGAWA-KU, TOKYO 141-0021 JAPAN

(72)Name of Inventor :

1)RYUICHI SHIMADA

(57) Abstract :

In order to protect Magnetic Energy Recovery Switch (MERS) against an overvoltage and an overcurrent a voltage detection unit is provided for detecting the capacitor voltage of the MERS and control means is provided to control so as to turn ON the switch of the discharge circuit connected in parallel with the capacitor to make the capacitor discharge the electric charge thereof when the output of the voltage detection unit exceeds a predetermined value. Moreover, a current detection unit is interposed between the AC power supply and the load for detecting the current flowing to the load, and the current limiting is carried out by making the duty ratio of the ON/OFF of the pulse of the gate control signals of the MERS switches smaller than 0.5, when the output of the current detection unit exceeds a predetermined value.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6546/DELNP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PORTABLE MODULAR MANUFACTURING SYSTEM

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(51) International classification	:B23Q 41/00
(31) Priority Document No	:12/078,339
(32) Priority Date	:28/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/037757
Filing Date	:20/03/2009
(87) International Publication No	:WO 2009/120591
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

1)CATERPILLAR INC.

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ILLINOIS 61629, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)SPANGLER, JOHN M.

(57) Abstract :

A modular manufacturing station (12) is provided. The modular manufacturing station has plurality of beams (32, 34) forming a skeleton (28) and an article transportation system (30). The article transportation system is configured to transport one or more articles through the manufacturing station at a speed selected from a plurality of speeds and at a height selected from a plurality of heights. The modular manufacturing station also has at least one utility connection (42) for receiving external utilities and at least one piece of manufacturing equipment. The modular manufacturing station further has a controller (108) configured to regulate the speed and height at which articles are transported through the modular manufacturing station and regulate the operation of the manufacturing equipment.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6547/DELNP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : ELECTRICAL SWITCH ASSEMBLY

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(51) International classification	:H01H 3/32
(31) Priority Document No	:61/036,358
(32) Priority Date	:13/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2009/000280
Filing Date	:10/03/2009
(87) International Publication No	:WO 2009/111864
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)Name of Applicant :

**1)OMRON DUALTEC AUTOMOTIVE ELECTRONICS INC.**

Address of Applicant :2291 WINSTON PARK DRIVE,  
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(72)Name of Inventor :

**1)LARSEN, CHRISTOPHER  
2)BEYGINIAN, ALBERT  
3)NUICA, THEODOR**

(57) Abstract :

A switch assembly operating an electrical circuit using an elastomeric pad is provided. The elastomeric pad comprises one or more collapsible domes that are positioned such that a plunger element supported by the switch assembly collapses the domes when an actuation button is tilted. The plunger element may have a limiting mechanism to limit downward movement of the plunger element such that the collapsible domes are not overloaded. The body and plunger may also be formed with complementary profiled portions that restrict any one or more of fore/aft, side-to-side and up/down movements of the plunger with respect to the body to prevent abnormal loading on the collapsible domes to increase the lifecycle of the elastomeric portion. The elastomeric portion may also be adapted to provide both single and dual double detent feedback by using passive collapsible domes that provide tactile feedback without operating on the electrical circuit.

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6549/DELNP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : TIP-FORMING MEMBER FOR A WHEEL OF A HYDRAULIC MACHINE, AND WHEEL AND HYDRAULIC MACHINE WHICH ARE EQUIPPED WITH SUCH A MEMBER

(51) International classification	:F03B 3/02
(31) Priority Document No	:08 51430
(32) Priority Date	:05/03/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/050349
Filing Date	:04/03/2009
(87) International Publication No	:WO 2009/115730
(61) 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 HYDRO FRANCE**

Address of Applicant :3 AVENUE ANDRE MALRAUX, F-92300 LEVALLOIS PERRET, France

(72)**Name of Inventor :**

**1)CLAUDE BERAL**

**2)JEAN-FRANCOIS BERTEA**

**3)RACHEL CHIAPPA**

**4)DANIELE BAZIN**

**5)ERIC GAUDIN**

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(57) Abstract :

This member (4) can be attached to the crown (12) of a wheel (1) of a hydraulic machine. It is provided with a skirt (42) of which a surface (421) is able to be arranged in the continuation of a wet surface (121) of the crown. This member is equipped with at least one fin (43) arranged radially inside the skirt (42) and projecting axially (h) from the skirt (42) in the downward direction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.655/DEL/2006 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : A PROCESS FOR PREPARATION OF HYDROZY CARBOXYLIC ACIDS

(51) International classification	:C07C 51/00	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI- 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) <b>Name of Inventor :</b> <b>1)CHAUDHARI RAGHUNATH VITTHAL</b> <b>2)RAJURKAR KALPENDRA BABURAO</b> <b>3)TONDE SUNIL SOPANA</b> <b>4)BOROLE YOGESH LAXMAN</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides a three step process for the preparation of hydroxy carboxylic acid. The present invention involves the hydroformylation of enol ester (eg. vinyl acetate) using a cobalt catalyst (eg. Co<sub>2</sub>(CO)<sub>8</sub>), optionally a promoter or a ligand containing O, N, N-O, P, As or Sb atom/s, to obtain a mixture of 2-acetoxy carboxaldehyde (eg. 2-acetoxy propanal) and 3-acetoxy carboxaldehyde (eg. 3-acetoxy propanal), oxidizing the product acetoxy carboxaldehydes to the corresponding acetoxy carboxylic acid, in presence or absence of a Gr. 8 metal catalyst, followed by hydrolyzation of the product acetoxy carboxylic acids to the corresponding desired hydroxy carboxylic acids, in presence of an acidic catalys and separating the catalyst and reusing it for another hydrolysis step.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.658/DEL/2006 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF COPPER AND NICKEL POWDER FROM THE ELECTROLYTIC BLEED STREAM OF A COPPER PLANT

(51) International classification	:C22B 9/00	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)ARCHANA AGRAWAL</b> <b>2)DULAL BAGCHI</b> <b>3)VINAY KUMAR</b> <b>4)BANSHI DHAR PANDEY</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of copper and nickel powder from the impurity laden copper bleed electrolyte generated from the electrolytic tank directly by hydrogen reduction under pressure. Copper powder was selectively produced first in an autoclave under certain pressure and temperature till all the copper present in the solution is reduced into metallic form. The mother liquor is then treated with sodium sulphide to precipitate out the copper present in traces. The copper free mother liquor is evaporated to form nickel sulphate crystals. This nickel sulphate is then dissolved in ammonia. A known amount of this solution is then taken in a Teflon lined vessel and pressurised with hydrogen gas to yield pure nickel Powder. The Copper powder formed was washed with distilled water followed by sodium carbonate solution and then with distilled water again. It was finally treated with sodium potassium tartarate before drying and storing. The nickel powder produced is washed with acidic water to neutralise ammonia adhering to the surface of the nickel powder formed, then with distilled water and finally with a solution of sodium potassium tartrate to restrict oxidation of the metal powder and dried at 100°C to produce a high pure powder for P/M applications.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/03/2006

(21) Application No.614/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A PLANT BASED VACCINE ADJUVANT

(51) International classification	:A61K 39/39	(71)Name of Applicant : <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)KHAJURIA ANAMIKA</b>
(33) Name of priority country	:NA	<b>2)GUPTA AMIT</b>
(86) International Application No	:NA	<b>3)SINGH SURJEET</b>
Filing Date	:NA	<b>4)MALIK FAYAZ</b>
(87) International Publication No	:NA	<b>5)SINGH JASWANT</b>
(61) Patent of Addition to Application Number	:NA	<b>6)BEDI KASTURI LAL</b>
Filing Date	:NA	<b>7)SURI KRISHAN AVTAR</b>
(62) Divisional to Application Number	:NA	<b>8)SATTI NARESH KUMAR</b>
Filing Date	:NA	<b>9)SURI OM PRAKASH</b>
		<b>10)QAZI GHULAM NABI</b>

(57) Abstract :

The present invention relates generally to adjuvants, particularly to the use of a well-characterized plant based bioactive fraction (adjuvant) from plant Picrorhiza kurroa, acting as an adjuvant against T -dependent antigen and specifically against HBsAg and typhoid antigens. The present invention also relates to the method of producing the bioactive fraction (adjuvant) and the products utilizing such adjuvants for induction of cellular immunity. The adjuvants may be used alone or with specific antigens. The two antigens used in the study represents HBsAg , a recombinant antigen expressed in Pichia pastoris, and typhoid Vi polysaccharide purified from Salmonella typhi broth. These antigens are studied for their immunogenicity with the adjuvant bioactive fraction (adjuvant)

No. of Pages : 25 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.639/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A CORROSION RESISTANT POLYANILINE (PANI) CONTAINING PAINT FOR CORROSION PREVENTION OF STEEL SURFACES AND A PROCESS FOR PREPARING THE SAID PAINT

(51) International classification	:C09D 5/08	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)SADAGOPAN SATHIYANARAYANAN</b> <b>2)SUNDARARAJAN MUTHUKRISHNAN</b> <b>3)GOPALACHARI VENKATACHARI</b> <b>4)DINESH CHANDRA TRIVEDI</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

In the present invention there is provided a corrosion resistant non toxic paint containing conducting polyaniline (pani) with a vinyl binder and solvent, having good adhesion and sufficient thickness, for corrosion protection of steel surfaces in acid and saline environment and a process for preparing the said paint. The corrosion resistant property of the coating formed by the developed paint has been evaluated by immersion test, potential measurements and impedance test in 3 % NaCl and by salt spray test.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.642/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN ELECTROCHEMICAL DEVICE TO REMOVE ARSENIC FROM GROUND WATER AND SURFACE WATERS

(51) International classification	:H01 M10/50	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, 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) <b>Name of Inventor :</b> <b>1)SWARNA PRABHAKAR</b>
(87) International Publication No	:NA	<b>2)GANTAMADUGU BHASKAR RAJU</b>
(61) Patent of Addition to Application Number Filing Date	:NA	<b>3)BHARDANGI RAMAMURTHY VENKATA NARASIMHAN</b>
(62) Divisional to Application Number Filing Date	:NA	<b>4)PANDIAN LAKSHMIPATHIRAJ</b>

(57) Abstract :

In the present invention there is provided an electrochemical device for removing arsenic from water which consists of a three stage electrochemical reactor equipped with a plurality of both stable and soluble electrodes. The combination of electrodes can simultaneously oxidize the arsenite present in the contaminated water and generate an adsorbent in-situ on which arsenic is adsorbed and removed from water. Stable electrodes such as titanium metal coated with oxides of Ru/Tn/Ir are fitted in the first chamber, whereas both stable and soluble electrodes are placed in the second chamber and the third chamber is fitted with only soluble electrodes. The treated water can be further passed through known filter, activated carbon and UV-lighting to remove suspended solids, dissolved organics and pathogenic bacteria.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.656/DEL/2006 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF MIXTURE OF ALCOHOLS AND KETONES

(51) International classification	:C07C 27/12	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI- 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)DESHPANDE RAJ MADHUKAR</b> <b>2)RANE VILAS HARI</b> <b>3)CHAUDHARI RAGHUNATH VITTHAL</b>
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of a mixture of alcohols and ketones by the liquid phase oxidation of isoalkanes to alkyl hydroperoxides with simultaneous transfer of oxygen to alkanes (C8 - C2o) in presence of oxides alkaline earth metals like magnesium, calcium, barium and strontium and oxides of rare earth metals such as lanthanum, cerium, samarium, neodymium and europium, at a temperature ranging between 110°-160°C and air pressure ranging between 10-1500 psig for a period of 0.5- 20 h, cooling the reaction mixture to 5°C, separating the products by conventional methods such as distillation. The catalyst reused for several times without affecting its catalytic performance.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.659/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF (E)-11-HEXADECEN-1-OL (I) AND (E)-11DEXADECENYL ACETATE (II)

(51) International classification	:A01N 37/00	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH</b> Address of Applicant :Anusandhan Bhawan, Rafi Marg, NEW DELHI- 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)BANDI KRISHNAKUMARI</b> <b>2)KAVUDA SARITA RAJ</b> <b>3)PONUGOTI PURUSHOTHAMA RAO</b> <b>4)JHILLU SINGH YADAV</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention describes an improved process for the commercial preparation of (E)-1 1-hexadecen-1-ol (STR-I) and (E)-1 1-hexadecenyl acetate (STR-II) in an overall yield of 40% against the reported 27% yield. The present investigation has the advantage in the replacement of two of the difficult handling chemical transformations with new reaction protocols for up-scaling purposes. The present invention also establishes the process parameters for large scale preparation of (E)-1 1-hexadecen-1-ol (STR-I) and (E)-11-hexadecenyl acetate (STR-II), which are the pheromone components of an important insect pest on brinjal crop viz. Brinjal fruit and shoot borer (*Leucinodes orbonalis*), with potential for commercial significance and import substitution.

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.650/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A FLYASH BASED COMPOSITION USEFUL FOR MAKING ROADS

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(51) International classification	:C04B 28/00	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, 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 :NA	(72) <b>Name of Inventor :</b> <b>1)NAVIN CHAND</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

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(57) Abstract :

A process for preparation of composition drying of fly ash and aggregate in the temperature under sun light heating the bitumenin till it flows like thin oil then addition of plastic after cutting in to small size fly ash, pouring this melt in to a steel container which already contains stone aggregates, pouring this mix on the floor/ or in a mould .again a fixed quantity the hot waste plastic added bitumen was taken and weighted amount of fly ash was added to this melt and stirred and was poured in to a separate container which had known quantity of small size stone aggregates (less than 6 mm size) spreading of this mix over the first layer, then pressing of these spread layers either by a road roller or a press .

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.653/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN IMPROVED CATALYST COMPOSITE AND A PROCESS FOR THE LIQUID PHASE OXIDATION OF TOLUENE TO BE NZALDEHYDE

(51) International classification	:C07C 51/16	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG,NEW DELHI- 110 001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)CHAUDHARI RAGHUNATH VITTHAL</b> <b>2)RAJURKAR KALPENDRA BABURAO</b> <b>3)TONDE SUNIL SOPANA</b> <b>4)RANE VILAS HARI</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides a liquid phase oxidation of toluene by using catalyst containing manganese (Manganese II acetate) in presence of Lewis acid (Stannous (II) chloride) and a bromide promoter (NaBr), at a temperature of 120°C and at a pressure of air in the range of 70 - 400 psig, in presence of carboxylic acid (acetic acid), as a solvent, to obtain high selectivity to benzaldehyde (76%). High activity was obtained with minimum byproducts such as benzoic acid, benzyl alcohol and benzyl acetate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.657/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : NOVEL CARBON SUPPORTED ACTIVATED ALUMINA ABSORBENT USEFUL FOR THE REMOVAL OF FLUORIDE IONS FROM WATER AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:B01J 41/00	(71)Name of Applicant : <b>1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH</b> Address of Applicant :Anusandhan Bhawan, Rafi Marg, NEW DELHI- 110 001, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)KAMARAJU SEETHA RAMA RAO</b>
(33) Name of priority country	:NA	<b>2)VELDURTHI SHASHIKALA</b>
(86) International Application No	:NA	<b>3)AYTAM HARI PADMASRI</b>
Filing Date	:NA	<b>4)BURRI DAVID RAJU</b>
(87) International Publication No	: NA	<b>5)VASIREDDY SIVA KUMAR</b>
(61) Patent of Addition to Application Number	:NA	<b>6)BHARI MALLANNA NAGA RAJA</b>
Filing Date	:NA	<b>7)PODILA SETHA RAMULU</b>
(62) Divisional to Application Number	:NA	<b>8)SANAPUREDDY SREEVARDHAN REDDY</b>
Filing Date	:NA	<b>9)UMESH CHANDRA KULSHRESHTA</b>
		<b>10)KOMANDUR VENKATA RAGHAVA CHARY</b>

(57) Abstract :

The present invention provides a novel adsorbent carbon supported activated alumina (CSAA) which posses both the advantageous characteristics of carbon and alumina viz., the high specific surface area associated with activated carbon and high sorption capacity of alumina towards F. Carbon supported activated alumina has an added advantage of its usage in the neutral pH unlike alumina and alumina impregnated carbon which are found to be efficient only in acidic pH. It is more efficient compared to carbon in terms of its sorption capacity towards F and is therefore useful for the efficient removal of fluoride ions from water.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.663/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF JATROPHA OIL - ACRYLIC CO-POLYMER FOR TANNING APPLICATIONS

(51) International classification	:C08F 2/00	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, 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) <b>Name of Inventor :</b> <b>1)VENKATESWARAN HARI BABU</b> <b>2)POLUR KRISHNIAH</b> <b>3)CHELIAPPA MURALIDHARAN</b> <b>4)BOREDDY SIVA RAMI REDDY</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to in-situ polymerization of acrylic monomer and grafting the resulting polymer onto the oil backbone without losing the tanning activity of the oil. The final product obtained can be used as tanning as well as lubricating agent and hence, has vast applications in leather industry.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.665/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A PROCESS FOR THE PREPARATION OF DOG CHEWS

(51) International classification	:A23K 1/00	(71)Name of Applicant : <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : <b>1)CHELLAN ROSE</b> <b>2)SUJATHA KOLAR ARUMUGAM</b> <b>3)PRAVEEN KUMAR SEHGAL</b> <b>4)THOTAPALLI PARVATHALESWARA SASTRY</b>
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for the preparation of dog chews is disclosed wherein chrome shavings are subjected to alkali hydrolysis followed by fiber size reduction and subsequent drying and shaping. The dog chews find potential use in the pet food industry, which is flourishing recently.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.671/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A PROCESS FOR THE PREPARATION OF NOVEL 4-NITROBUTANOATE INHIBITORS OF ISOCITRATE LYASE FROM M TUBERCULOSIS.

(51) International classification	:C12P	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, 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) <b>Name of Inventor :</b> <b>1)RANJANA SRIVASTAVA</b> <b>2)BRAHM SHANKER SRIVASTAVA</b> <b>3)MANISH KUMAR SRIVASTAVA</b> <b>4)RAMA PATI TRIPATHI</b> <b>5)NEETU TIWARI</b> <b>6)DIKSHA KATIYAR</b> <b>7)RAVISHANKAR RAMCHANDRAN</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention provides a novel 4-nitrobutanoates of general formula III and their acid derivatives, wherein the structural formula of the compound is given below: wherein, R is selected from hydrogen or aliphatic or aromatic or heteroaromatic groups with one or more substituents, R1 is selected from H or any branched or unbranched alkyl group consisting of 1-4 carbons. The 4-nitrobutanoates and their derivatives are useful for the inhibition of isocitrate lyase activity upto 100%.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.647/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : BETA GLUCOSIDASE AND A PROCESS FOR EXTRACTION THERE OF

(51) International classification	:C12P 19/00	(71)Name of Applicant : <b>1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH</b> Address of Applicant : ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor : <b>1)Sangwan,Neelam Singh</b> <b>2)Misra, Sidharth Kumar</b> <b>3)Khanuja, Suman Preet Singh</b> <b>4)Srivastava, Avadesh Kumar</b> <b>5)Sangwan,Rajender Singh</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel beta glucosidase and a process for extraction of a beta-glucosidase from Rauvolfia serpentine useful for the cleaving of beta-1,4 linkage of PNPG and to convert other gluco-conjugates such as strictosidine and raucaffricine into their corresponding aglycon such as vomilenine, commercially through immobilizing the enzyme. The glucosidase enzyme has shown maximum activity in the acid pH range, with high optimum temperature using PNPG as substrate. The crude enzyme, when stored at 4°C, was quite stable for 6 days with 50% loss of activity. The enzyme was activated in presence of FeSO4 in the assay mixture.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.654/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN IMPROVED CATALYTIC PROCESS FOR THE PREPARATION OF AROMATIC CARBOXYLIC ACIDS

(51) International classification

:C07C

51/255

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Address of Applicant :ANUSANDHAN BHAWAN, RAFI  
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(72)Name of Inventor :

1)LOURDUSWAMY EMMANUEL  
2)SURYAVANSHI GURUNATH  
3)SWATI S. KULKARNI  
4)ARUMUGAM SUDALAI

---

(57) Abstract :

The present invention provides a catalytic process for the preparation of aromatic carboxylic acid by oxidation of corresponding alkyl benzene with an oxidant over a tungsten catalyst in the presence of alkali hydroxide medium, at a temperature ranging between 60-90 °C for a period of 6-15 hrs., terminating the reaction by bringing the reaction mixture to room temperature and diluting it with an organic solvent followed by separation and neutralization of aqueous layer by using concentrated mineral acids and obtaining the desired product by known methods.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.664/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A PROCESS FOR INHIBITING GERMINATION OF MONOCOTYLEDONAE AND DICOTYLEDONAE PLANT SEEDS.

(51) International classification	:A01N	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFICE &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, 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 :

The present invention relates to a process for the preparation of an improved herbal herbicide composition, inhibiting germination of both monocotyledonae and dicotyledonae plant seeds. The present invention particularly is related to a process for the preparation of an improved natural herbicide, which specifically inhibits germination of both monocotyledonae and dicotyledonae plant seeds at concentrations as low as 2 to 8 g/m<sup>2</sup> of the bed, but remains non-toxic to germinated plant.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.669/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : C2-DIFLUORO PYRROLO (2,1-C) (1,4) BENZODIAZEPINE DIMERS

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(51) International classification	:A61K 31/551
(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL  
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Address of Applicant :ANUSANDHAN BHAWAN, RAFI  
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**(72)Name of Inventor :**

**1)AHMED KAMAL  
2)DEPATLA RAJASEKHAR REDDY  
3)RAJENDAR**

---

**(57) Abstract :**

The present invention provides a novel bis 2-difluoro pyrrolo[2,1-c][1,4]benzodiazepine of formula VII wherein, n is 3 to 10. novel bis 2-difluoro pyrrolo[2,1-c][1,4]benzodiazepine of formula VII exhibits binding affinity with calf thymus (CT) DNA at a molar ratio of 1:5 in aqueous sodium phosphate buffer at pH of about 7.00. The present invention further provides a process for the preparation of novel bis 2-difluoro pyrrolo[2,1-c][1,4]benzodiazepine of formula VII.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.672/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A METHOD OF MANUFACTURING DENSE AND WARPAGE FREE LEAD ZIRCONATE TITANATE WAFERS.

(51) International classification	:H01L 41/04	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, 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) <b>Name of Inventor :</b> <b>1)SEAL ANSHUMAN</b> <b>2)MAZUMDER RANABRATA</b> <b>3)DAS NANDINI</b> <b>4)SEN AMARNATH</b>
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

This invention relates to a method of manufacturing dense and warpage free lead zirconate titanate wafers through tape casting. Such wafers show acceptable piezoelectric properties and can be used for ultrasonic non-destructive evaluation of structures. The invented method provides easy release of PZT (along with a small amount of excess PbO) green tapes. The invented method also gets around the problem of sticking of the tapes with the setter plate during sintering and lead loss at high temperature.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.6750/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : INJECTION DEVICE

(51) International classification	:A61M 5/20
(31) Priority Document No	:20 2007 008068.9
(32) Priority Date	:08/06/2007
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2008/004412
Filing Date	:03/06/2008
(87) International Publication No	:WO 2008/148518
(61) 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 SCHERING PHARMA

AKTIENGESELLSCHAFT

Address of Applicant :MULLERSTRASSE 178, 13353  
BERLIN, Germany

(72)Name of Inventor :

1)WILFRIED WEBER

(57) Abstract :

Disclosed is an injection device comprising parts, the relative movement of which causes the active substance to be injected. For this purpose, a receptacle (103,203), into and in which a carpule/syringe can be inserted and mounted, is retained in a housing (101,201), the receptacle (103,203) can be moved by means of a carriage (108,208), and a plunger (104,204) that applies a force to the piston/s (111 A, 111B; 211) of the carpule/syringe is movably retained in the receptacle (103,203). A traction rope (114,214) which is deflected by means of a roll (109,209) mounted on the carriage (108,208) is provided for performing the pricking stroke, injection stroke, and retracting stroke. One end of the traction rope (114,214) is connected to the receptacle (103, 204) while the other end thereof is connected to a tension spring (110,210) that is retained on the housing (101,201). Automatically and/or manually actuatable mechanisms between the housing (101,201), the receptacle (103,203), the plunger (104,204), and the carriage (108,208) control the reciprocal coupling thereof to the traction rope (114,214) and thus the sequence of the pricking stroke, injection stroke, and retracting stroke and are fitted with at least one means that allows the user to adjust the progress profile of at least one of the strokes.

No. of Pages : 50 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.673/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A COMPOSITION OF MAKING LIGHTWEIGHT CERAMIC ARTICLES AND A PROCESS OF MAKING THE SAME.

(51) International classification

:C04B

35/16

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**

Address of Applicant :ANUSANDHAN BHAWAN,RAFI MARG, NEW DELHI-110001,INDIA

(72)Name of Inventor :

**1)MAITI HIMADRI SEKHAR**

**2)MUKHOPADHYAY TAPSAS KUMAR**

**3)DAS SWAPAN KUMAR**

**4)DANA KAUSIK**

**5)SARKAR RITWIK**

**6)GHATAK SANKAR**

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(57) Abstract :

In the present invention there is provided a composition for making lightweight ceramic articles, a process for making the same and articles made thereby, wherein the synergistic composition has fibrous materials which are of similar composition to that of the main ceramic articles and a compatible composition is worked out so that the fibre continues to provide strength to the green article through out the intermediate stages from green upto the stage when ceramic bonds of sufficient strength are developed. The lightweight ceramic articles made from the composition and process, are such as translucent ceramic whiteware product, translucent ceramic bone china product and translucent vitreous ceramic whiteware product having a water sorbency of less than 0.5%.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/11/2009

(21) Application No.7359/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : POWER SUPPLY TERMINAL STRUCTURE

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(51) International classification	:H01P
(31) Priority Document No	:2007-110302
(32) Priority Date	:19/04/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/057565
Filing Date	:18/04/2008
(87) International Publication No	: NA
(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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Tokyo 1238511 JAPAN

(72)Name of Inventor :

1)UEDA Minoru  
2)KUMAGAI Takayuki  
3)HASHIMOTO Yuichi

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(57) Abstract :

[Problems] To provide a contact terminal in which it is possible to prevent a load from being concentrated on the contact terminal portion thereof when a part is disposed on a substrate, possible to prevent contact terminals from being short-circuited even if they are stacked, and a space for overall of which can be saved.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/11/2009

(21) Application No.7434/DELNP/2009 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : METHOD AND SYSTEM FOR MANUFACTURE OF AN ELECTRONIC INTERFACE CARD AND A CARD MANUFACTURED USING SAME

(51) International classification	:G02B
(31) Priority Document No	:071043741.1
(32) Priority Date	:24/04/2007
(33) Name of priority country	:China
(86) International Application No	:PCT/IL2008/000538
Filing Date	:17/04/2008
(87) International Publication No	:WO 2008/129547
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SMARTRAC IP B.V.

Address of Applicant :STRAWINSKYLAAN 851 NL-1077  
XX AMSTERDAM, NETHERLANDS

(72)Name of Inventor :

1)SHAFRAN, GUY

(57) Abstract :

A method for manufacture of an electronic interface card including forming at least one antenna coil, having loose end portions, on a first substrate; placing a second substrate onto the first substrate over the antenna coil, the second substrate having an aperture through which at least parts of the loose end portions of the at least one antenna coil are exposed, extracting at least parts of the loose end portions through the aperture such that free ends of the loose end portions are positioned at a location remote from the substrate, forming an electric connection between a chip module and the loose end portions at the location remote from the substrate; and thereafter mounting the chip module onto the first substrate. A system for carrying out the method and a card produced thereby are also described and claimed.

No. of Pages : 43 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2009

(21) Application No.7823/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DEVICE FOR REDUCING WATER PROJECTION FOR A TYRE

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(51) International classification	:B60C 19/00
(31) Priority Document No	:0703929
(32) Priority Date	:01/06/2007
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2008/056745
Filing Date	:02/06/2008
(87) International Publication No	:WO 2008/145751
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)**Name of Applicant :**

**1)SOCIETE DE TECHNOLOGIE MICHELIN**  
Address of Applicant :23 RUE BRESCHET F-63000,  
CLERMONT-FERRAND,France

**2)MICHELIN RECHERCHE ET TECHNIQUE S.A.**

(72)**Name of Inventor :**

**1)JEAN-MARC D'HARCOURT**  
**2)CATHERINE HOUIS**

(57) Abstract :

Tyre (1) having a tread (4), sidewalls (3) extending the edges of the tread and, on at least one of its sidewalls, a rib (5) for modifying the path of the expelled water in the case of the tyre running on wet ground, this rib (5) furthermore including a power-reducing device (6) positioned on the external wall of the rib so as to reduce the power of the water expelled in the transverse direction while the tyre is running on ground covered with water, said power-reducing device (6) comprising at least one protuberance (600) placed in the circumferential direction and extending in the radial direction.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2009

(21) Application No.7859/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : UNIT DOSE FORMULATIONS AND METHODS OF TREATING AND PREVENTING THROMBOSIS WITH THROMBOXANE RECEPTOR ANTAGONISTS॥

(51) International classification	:A61K 31/19
(31) Priority Document No	:60/915,784
(32) Priority Date	:03/05/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/062567
Filing Date	:02/05/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)PORTOLA PHARMACEUTICALS INC.**

Address of Applicant :270 East Grand Avenue Suite 22  
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(72)**Name of Inventor :**

**1)STEPHENS Gillian**

**2)GAO Dacao**

**3)ANDRE Patrick**

**4)PHILLIPS David R.**

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(57) Abstract :

The present invention provides new methods of treating thrombosis and cardiovascular diseases using of antithrombotic agents, as well as methods of determining therapeutically effective amounts of antithrombotic agents and unit dose formulations thereof.

No. of Pages : 55 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.661/DEL/2006 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN IMPROVED CATTLE DUNG BIOGAS DIGESTER

(51) International classification	:C12P;C12M 1/407	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)NETI NAGESWARA RAO</b>
(87) International Publication No	:NA	<b>2)SHANTA SATYANARAYAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)SANTOSH NARAIN KAUL</b>
Filing Date	:NA	<b>4)-&gt;Santosh narain kaul</b>
(62) Divisional to Application Number	:NA	<b>5)CHANDRASHEKHAR VISHWANATH DESHPANDE</b>
Filing Date	:NA	<b>6)SUKUMAR DEVOTTA</b>

(57) Abstract :

The present invention relates to an improved cattle dung biogas digester. It relates to an improved biogas digester useful for achieving higher efficiency production of biogas and reduced total hydraulic retention time (HRT) for digestion of slurry. The digester is useful for anaerobic digestion of cattle dung slurry, in particular; but is also applicable to all fermentable materials viz., starch and sugar containing materials e.g., molasses, high BOD industrial wastewater, solvents such as acetone, butyl alcohol, acids such as butyric, propionic, acetic and lactic acids to yield combustible biogas.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2009

(21) Application No.7814/DELNP/2009 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : PREPARATION OF FLUORINATED OLEFINS VIA CATALYTIC DEHYDROHALOGENATION OF HALOGENATED HYDROCARBONS

(51) International classification	:C07C 17/275	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:60/958,468	<b>1)HONEYWELL INTERNATIONAL INC.,</b> Address of Applicant :LAW DEPARTMENT AB/2B, 101
(32) Priority Date	:06/07/2007	COLUMBIA ROAD, MORRISTOWN, NJ 07962, USA
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US08/069160	<b>1)HAIYOU WANG</b>
Filing Date	:03/07/2008	<b>2)HSUEH SUNG TUNG</b>
(87) International Publication No	:WO 2009/009421	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for making a fluorinated olefin having the step of dehydrochlorinating a hydrochlorofluorocarbon having at least one hydrogen atom and at least one chlorine atom on adjacent carbon atoms, preferably carried out in the presence of a catalyst selected from the group consisting of (i) one or more metal halides, (ii) one or more halogenated metal oxides, (iii) one or more zero-valent metals/metal alloys, (iv) a combination of two or more of the foregoing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2009

(21) Application No.7817/DELNP/2009 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : ANALGESIC COMPOUNDS

(51) International classification	:C07K 7/08
(31) Priority Document No	:60/915,247
(32) Priority Date	:01/05/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/BR2008/000127
Filing Date	:30/04/2008
(87) International Publication No	:WO 2008/131508
(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 :RUA PIO XI, 1500, ALTO DA LAPA 05468-901-SAO PAULO-SP, BRAZIL

**2)BIOSINTETICA FARMACEUTICA LTDA.**

**3)YARA CURY**

(72)Name of Inventor :

**1)YARA CURY**

**2)GISELE PICOLLO**

**3)KATSUHIRO KONNO**

---

(57) Abstract :

The invention refers to novel compounds (e.g., peptides) that are useful in the treatment of pain. The compounds are useful in treating both chronic and acute pain. The peptides can act as analgesics and/or anti-nociceptive agents. According to an embodiment, the invention refers to an isolated peptide that comprises an amino acid sequence that is at least 70% identical to the 14 amino acid sequence: pGlu-Phe-Ser-Pro-Glu-Asn-Ala-Gln-Gly-Glu-Ser-Gln-Pro-Ala(SEQIDNO:2).

No. of Pages : 58 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :01/12/2009

(21) Application No.7828/DELNP/2009 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : CORROSION PROTECTIVE AND ELECTRICAL CONDUCTIVITY COMPOSITION FREE OF INORGANIC SOLID PARTICLES AND PROCESS FOR THE SURFACE TREATMENT OF METALLIC SHEET

(51) International classification	:C23C 22/36
(31) Priority Document No	:PCT/EP2007/004616
(32) Priority Date	:24/05/2007
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2007/004616
Filing Date	:24/05/2007
(87) International Publication No	:WO 2008/141666
(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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(BARCELONA) Spain

(72)**Name of Inventor :**

**1)CONDE MORAGUES, LUIS**

**2)SWAPAN KUMAR, GHOSH**

---

(57) Abstract :

Corrosion and electrical conductive protective composition and process for the surface treatment of metallic sheet with a water based composition containing an organic polymer, and inorganic compounds, the composition does too contain minor amounts of Hydrogen Peroxide or other peroxides, the essential feature of this process is that the coated surface has good corrosion resistance and good electrical conductivity of the coated surface, even that the liquid composition used does not contain conducting inorganic solid particles.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/12/2009

(21) Application No.7897/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : MANUAL TRANSMISSION

(51) International classification	:F16H3/00
(31) Priority Document No	:10 2007 026 133.2
(32) Priority Date	:05/06/2007
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2008/004381
Filing Date	:02/06/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MAGNA POWERTRAIN AG & CO. KG

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(72)Name of Inventor :

1)HASEWEND Wolfram

(57) Abstract :

The invention relates to a manual transmission comprising an input shaft, a first mechanical transmission branch and a second mechanical transmission branch which can both be coupled in a driving manner to the input shaft on the input side and to a common output shaft on the output side by means of different gear steps. Said manual transmission also comprises a first pump and a second pump, both comprising a stationary or rotary pump part, a rotor, a suction chamber and a pressure chamber. A rotary movement of the rotor in relation to the stationary or rotary pump part allows a hydraulic fluid to be transported from the suction chamber into the pressure chamber of each pump, the rotor of the first pump being connected to the first mechanical transmission branch in a driving manner. A driving torque transmitted by the input shaft to the mechanical transmission branch is proportional to the pump pressure generated by the respective pump, at least one pressure control device being associated with the pumps, by which means a fluid flow transported by the pumps can be variably throttled in order to vary the rotational speed of the rotor for a gear step shift, in relation to the stationary or rotary pump part of each pump.

No. of Pages : 56 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/12/2009

(21) Application No.7906/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : INJECTION DEVICE

(51) International classification	:A61M 5/315
(31) Priority Document No	:10 2007 026 083.2
(32) Priority Date	:25/05/2007
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2007/009552
Filing Date	:05/11/2007
(87) International Publication No	:WO 2008/145171
(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)GABRIEL, JOCHEN

2)KEITEL, JOACHIM

(57) Abstract :

An injection device (30) has a housing (42, 52) with a recess for receiving a container (34) having a liquid to be injected (32). Furthermore, the device has a first organ (94) for pressing out the injection liquid (32) from such a container (34), and this first organ (94) has an outer threading (92). A dosing organ (66, 88) has an inner threading (90) which engages with the outer threading (92) of the first organ (94), and this dosing organ (66) can rotate together with the first organ (94) relative to the housing (42, 52) for the purpose of selecting a desired injection dosing. A coupling arrangement (K1) serves to produce a rotationally fixed connection between the first organ (94) and the housing (42, 52) during an injection process, and thereby to block a rotation of the first organ (94) relative to the housing (42, 52) during an injection process, however enabling a rotation of the dosing organ (66, 88) relative to the housing (42, 52). This rotation of the dosing organ (66, 88) produces an axial displacement of a first organ in the proximal direction, i.e., toward the patient, said organ being prohibited from rotating, in order to press injection liquid (32) out of such a container (34).

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/12/2009

(21) Application No.7907/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : IMMUNOGLOBULIN CONSTANT REGION FC RECEPTOR BINDING AGENTS

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(51) International classification	:C07K 16/06
(31) Priority Document No	:60/941,644
(32) Priority Date	:01/06/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/065428
Filing Date	:30/05/2008
(87) International Publication No	:WO 2008/151088
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)**Name of Applicant :**

**1)UNIVERSITY OF MARYLAND, BALTIMORE**  
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BALTIMORE, MARYLAND 21201, USA

(72)**Name of Inventor :**

**1)STROME, SCOTT E.**  
**2)SCHULZE, DAN H.**  
**3)BLOCK, DAVID S.**

(57) Abstract :

IVIG replacement compounds are derived from recombinant and/or biochemical creation of immunologically active biomimetic(s). These replacement compounds are then screened in vitro to assess each replacements compounds efficiency at modulating immune function. Particular replacement compounds are selected for further in vivo validation and dosage/administration optimization. Finally, the replacement compounds are used to treat a wide range of diseases, including inflammatory and autoimmune diseases.

No. of Pages : 296 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/12/2009

(21) Application No.7908/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SEQUENCE BASED ENGINEERING AND OPTIMIZING OF SINGLE CHAIN ANTIBODIES

(51) International classification	:C12N 15/09
(31) Priority Document No	:60/937,112
(32) Priority Date	:25/06/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CH08/000284
Filing Date	:25/06/2008
(87) International Publication No	:WO 2009/000098
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)ESBA TECH, AN ALCON BIOMEDICAL RESEARCH UNIT LLC**

Address of Applicant :WAGISTRASSE 21, CH-8952 SCHLIEREN, Switzerland

(72)**Name of Inventor :**

**1)LEONARDO BORRAS**

**2)DAVID URECH**

---

(57) Abstract :

The invention provides methods of using sequence based analysis and rational strategies to modify and improve the structural and biophysical properties of single chain antibodies (scFvs), including stability, solubility, and antigen binding affinity. These methods and strategies can be used individually or in combination. The methods of the present invention also include the use of a database comprising scFv sequences from an experimentally screened scFv library of antibodies that have been selected to have superior solubility and stability. The invention also provides methods of using the properties found for these selected antibodies in a general approach for reshaping scFv antibodies to improve stability and solubility properties of a single chain antibody fragment.

No. of Pages : 92 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/12/2009

(21) Application No.7925/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : HETEROCYCLIC COMPOUNDS USEFUL AS MK2 INHIBITORS

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(51) International classification	:C07D 471/14
(31) Priority Document No	:07112549.6
(32) Priority Date	:16/07/2007
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2008/059158
Filing Date	:14/07/2008
(87) International Publication No	:WO 2009/010488
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

1)NOVARTIS AG.

Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL SWITZERLAND.

(72)Name of Inventor :

1)SCHLAPBACH ACHIM

2)REVESZ LASZLO

3)KOCH GUIDO

(57) Abstract :

The present invention describes tetracyclic compounds of formula (IA) or (IB), wherein the symbols R, X, A, Y, R2, R3 and D are as defined in the specification, their use in the treatment of certain diseases, e.g. depending on MK-2 or TNF activity, and ways of manufacturing them.

No. of Pages : 288 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2009

(21) Application No.7952/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING COMMON CONTROL CHANNELS IN A MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04N
(31) Priority Document No	:10-2007-0057537
(32) Priority Date	:12/06/2007
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2008/003288
Filing Date	:12/06/2008
(87) International Publication No	: NA
(61) 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)CHO Joon-Young

2)LI Ying-Yang

3)ZHANG Jianzhong

4)LEE Ju-Ho

5)KWON Hwan-Joon

---

(57) Abstract :

A method and apparatus for transmitting and receiving a common control channel in an Orthogonal Frequency Division Multiplexing (OFDM) mobile communication system. In the transmission apparatus, when a plurality of bursts are transmitted during a Transmission Time Interval (TTI) of the common control channel, an Inverse Fast Fourier Transform (IFFT) mapper generates bursts that are shifted in a frequency domain by applying a predetermined cyclic shift offset between the bursts, and maps the generated bursts in a resource block. A transmission unit transmits the bursts to a receiver. In the reception apparatus, a reception unit receives a burst, and a combining unit combines the received burst with a burst stored in a buffer. A decoder decodes each of the combined bursts, and upon a successful decoding, detects a TTI start timing of the common control channel from the successfully decoded burst.

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/11/2009

(21) Application No.7060/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PEPTIDES DERIVED FROM HUMAN BPLP PROTEIN, POLYNUCLEOTIDES CODING FOR SAID PEPTIDES AND ANTIBODIES DIRECTED AGAINST SAID PEPTIDES

(51) International classification	:C07K
(31) Priority Document No	:04290754.3
(32) Priority Date	:19/03/2004
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2005/000700 :18/03/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:5282/DelNP/2006 :13/09/2006

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)ROUGEOT Catherine**

**2)HUAULME Jean-François**

**3)UNGEHEUER Marie-Noëlle**

**4)WISNER Anne**

**5)DUFOUR Evelyne**

---

(57) Abstract :

The invention relates to a peptide that is a maturation product of the Basic Prolin-rich Lacrinal Protein (BPLP) or a peptide derivative or a mimetic of said maturation product, wherein the peptide or peptide derivative or mimetic exhibits an inhibitory property against a metallo-ectopeptidase, especially NEP and/or APN. The present invention also relates to polynucleotides coding for said peptides and to antibodies directed against said peptides. Furthermore, the present invention relates to diagnostic and therapeutic uses of human BPLP protein and inhibitory peptides derived therefrom, polypeptides coding for human BPLP protein or peptides derived therefrom as well as antibodies directed against BPLP protein or peptides derived therefrom.

No. of Pages : 73 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2009

(21) Application No.7954/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : APPARATUS AND METHOD FOR ALLOCATING RESOURCE IN A MOBILE COMMUNICATION SYSTEM

(51) International classification	:H04N	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10-2007-0056862	<b>1)SAMSUNG ELECTRONICS CO. LTD.</b>
(32) Priority Date	:11/06/2007	Address of Applicant :416 Maetan-dong Yeongtong-gu Suwon-si Gyeonggi-do 442-742 Republic of Korea
(33) Name of priority country	:Republic of Korea	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/KR2008/003225	<b>1)KIM Young-Bum</b>
Filing Date	:10/06/2008	<b>2)CHO Joon-Young</b>
(87) International Publication No	: NA	<b>3)KWON Hwan-Joon</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for allocating resources in a mobile communication system is provided. The resource allocation method includes determining whether a transmission time of response information indicating presence/absence of an error in received data overlaps a transmission time of channel state information; and when the transmission times overlap each other, allocating, to the response information, a resource block for the channel state information, cyclic shift values in a frequency domain, and orthogonal sequences having orthogonality in a time domain.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2009

(21) Application No.7955/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : FUEL CELL FOR USE IN ELECTRICITY GENERATION FROM A SOLID CARBONACEOUS SUBSTRATE

(51) International classification	:H01M 8/12, H01M 8/06	(71) <b>Name of Applicant :</b> <b>1)Imperial Innovations Limited</b> Address of Applicant :Electrical & Electronic Engineering Building Level 12 Imperial College London SW7 2AZ UNITED KINGDOM
(31) Priority Document No	:0709244.8	
(32) Priority Date	:14/05/2007	
(33) Name of priority country	:U.K.	
(86) International Application No Filing Date	:PCT/EP2008/055827 :13/05/2008	(72) <b>Name of Inventor :</b> <b>1)GEOFFREY HOWARD</b> <b>2)Klaus HELLGARDT</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention provides an electrochemical fuel cell for generating electricity from a solid carbonaceous substrate, comprising an electrochemical reactor for the preparation of dissolved oxygen and an oxidation reactor for reaction of said dissolved oxygen with the solid carbonaceous substrate. The invention further provides a method of generating electricity from a solid carbonaceous substrate.

No. of Pages : 22 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2009

(21) Application No.7992/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : COMPRESSION VACUAPORE FOR DETERMINATION OF PORE STRUCTURE CHARACTERISTICS OF HYDROPHOBIC MATERIALS UNDER COMPRESSIVE STRESS

(51) International classification	:G01N 15/08
(31) Priority Document No	:60/916,800
(32) Priority Date	:08/05/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/062997
Filing Date	:08/05/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)POROUS MATERIALS INC.**

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(72)**Name of Inventor :**

**1)GUPTA Krishna**

**2)JENA Akshaya**

---

(57) Abstract :

A method for determining pore structure characteristics of hydrophobic porous materials includes placing a test sample of material in the sample chamber of a porosimetry apparatus, creating a partial vacuum and evacuating the sample chamber to remove air, creating a partial vacuum and evacuating the penetrometer and storage vessel above the water level, releasing the vacuum in a controlled manner, so pressure is applied and water in the penetrometer enters the sample chamber and intrudes into pores of

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2009

(21) Application No.8002/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : IMPROVED PROCESS FOR THE PRODUCTION OF NUCLEOTIDE SUGARS

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(51) International classification	:C07H 19/00
(31) Priority Document No	:60/943,527
(32) Priority Date	:12/06/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/066749
Filing Date	:12/06/2008
(87) International Publication No	: NA
(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 :Novo All 2880 Bagsvaerd Denmark.

(72)Name of Inventor :

1)DEFREES Shawn

2)BOWE Caryn

(57) Abstract :

The current invention provides methods (e.g., large-scale processes) for the production of nucleotide sugars, which are modified with a polymeric modifying group, such as poly(alkylene oxide) moieties (e.g., poly(ethylene glycol) or poly(propylene glycol)) moieties. A typical process of the invention includes anion exchange chromatography followed by an ultrafiltration procedure, such as tangential flow filtration. The process of the invention provides modified nucleotide sugars in unexpectedly high purity and high overall yields.

No. of Pages : 94 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2009

(21) Application No.8006/DELNP/2009 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR MIXING IRON AND STEEL RAW MATERIAL

(51) International classification	:B65G 65/28
(31) Priority Document No	:10-2007-0136813
(32) Priority Date	:24/12/2007
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2008/006985
Filing Date	:27/11/2008
(87) International Publication No	: NA
(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 :1-1 Songhyeon 3-dong Dong-gu  
Incheon 401-712 Republic of Korea.

(72)Name of Inventor :

1)YOON Kicheul

2)KOH Younghun

3)KIM Myoungsig

(57) Abstract :

A method for mixing iron and steel raw material includes a process of stacking a raw material that forming a raw material pile by sequentially stacking a first raw material mixture block and a second raw material mixture block formed by discharging raw materials from a plurality of bins and mixing the raw materials and a process of mixing raw materials that separates and mixes a portion of the first raw material mixture block with a portion of the second raw material mixture block at a side of the raw material pile that is stacked by the process of stacking a raw material pile, in which a plurality of raw material piles are stacked in series by repeating the process of stacking a raw material pile such that a portion, where an angle of repose is created, of any one raw material pile covers a portion, where an angle of repose is created, of the next raw material pile.

No. of Pages : 16 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2009

(21) Application No.8007/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : Stacker and Reclaimer for Iron and Steel Raw Material

(51) International classification	:B65G 65/06
(31) Priority Document No	:10-2007-0123022
(32) Priority Date	:29/11/2007
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2008/006983
Filing Date	:27/11/2008
(87) International Publication No	: NA
(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)SEO Weongyo

2)YOON Kicheul

3)KOH Younghun

4)KIM Myoungsig

---

(57) Abstract :

Disclosed is a stacker and reclaimer for iron and steel raw material comprising: a rotary shaft 20, disposed at the center in a circular dome 10, having a space for stacking iron and steel raw materials; an inputting unit 30, disposed over the rotary shaft, for putting the iron and steel raw materials to the upper portion of the rotary shaft from the outside; a stacker 40, disposed rotatably about the rotary shaft under the inputting unit, that moves and stacks the iron and steel raw materials discharged from the inputting unit in a pile; a reclaimer 50, disposed rotatably about the center of the circular dome under the stacker, that reclaims the iron and steel raw materials stacked in a pile; and an discharging unit 60, disposed under the reclaimer, that conveys the iron and steel raw materials discharged from the reclaimer to the outside of the circular dome.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/12/2009

(21) Application No.8008/DELNP/2009 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : STACKER AND RECLAIMER SYSTEM AND STACKING METHOD FOR IRON AND STEEL RAW MATERIAL

(51) International classification	:B65G65/06	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:10-2007-0123023	<b>1)Hyundai Steel Company</b>
(32) Priority Date	:29/11/2007	Address of Applicant :1-1 Songhyeon 3-dong Dong-gu Incheon 401-712 Republic of Korea.
(33) Name of priority country	:Republic of Korea	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/KR2008/006984	<b>1)SEO Weongyo</b>
Filing Date	:27/11/2008	<b>2)YOON Kicheul</b>
(87) International Publication No	: NA	<b>3)KOH Younghun</b>
(61) Patent of Addition to Application Number	:NA	<b>4)KIM Myoungsig</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wall (20) is disposed at the center portion in the linear house (10), a plurality of partitions (22) are disposed at both sides of the wall (20) to form a plurality of stacking spaces in the longitudinal direction of the wall, stacking units (30) that stack iron and steel raw materials carried by a tripper car to the stacking spaces S are disposed at the upper portion of the wall (20), reclaimers (40) that can move in the longitudinal direction of the linear house (10) to reclaim iron and steel materials that are stacked in piles P at the stacking spaces S are disposed at both sides of the linear house, and discharging units (50) that convey the iron and steel materials discharged from the reclaimers (40) to the outside of the linear house are disposed under the reclaimers (40).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2009

(21) Application No.8365/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : HIGH FREQUENCY GLASS ANTENNA FOR AUTOMOBILES

(51) International classification	:H01Q 1/32
(31) Priority Document No	:2007-165077
(32) Priority Date	:22/06/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/061420
Filing Date	:23/06/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)Asahi Glass Company Limited**

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(72)Name of Inventor :

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**2)Kenichi Ishii**

**3)Yasuhito Horie**

**4)Kenichiro Shimo**

**5)Mitsuro Watanabe**

**6)Kazuyoshi Noda**

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(57) Abstract :

There is provided a high frequency glass antenna for automobiles which is capable of having an improved antenna gain without changing the shape of a defogger. A defogger, an antenna conductor, a feeding portion for the antenna conductor, a grounding conductor, and a grounding-side feeding portion for the grounding conductor are disposed in or on a rear window glass sheet for automobiles, the defogger forms at least one portion of the grounding conductor; and the grounding-side feeding portion is electrically connected to the defogger.

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2009

(21) Application No.8366/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : Shaft furnace and method for operating a furnace

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(51) International classification	:C21B 5/06
(31) Priority Document No	:10 2007 029 629.2
(32) Priority Date	:26/06/2007
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2008/057624
Filing Date	:17/06/2008
(87) International Publication No	: NA
(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)K-NIG Wolfram**

**3)BABICH Alexander**

**4)SENK Dieter Georg**

**5)GUDENAU Heinrich-Wilhelm**

**6)HELDT Hans-Heinrich**

---

(57) Abstract :

The invention relates to a method for operating a shaft furnace (10). According to said method, an upper region (14) of the shaft furnace (10) is charged with raw materials which sink in the shaft furnace (10) under the influence of gravity. Part of the raw materials is melted and/or at least partially reduced by the action of the atmosphere inside the shaft furnace (10). A treatment gas is introduced in a lower region (18) of the shaft furnace (10) by means of at least one lower admission opening (32), said treatment gas at least partially influencing the atmosphere inside the shaft furnace (10).

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2009

(21) Application No.8367/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : IMPROVING GRINDING IN A ALUMINA EXTRACTION PROCESS

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(51) International classification	:C22B 1/00, C01F 7/06
(31) Priority Document No	:11/754,033
(32) Priority Date	:25/05/2007
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2008/064304 :21/05/2008
(87) 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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(71)**Name of Applicant :**

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60563-1198 United States of America

(72)**Name of Inventor :**

**1)Everett C. PHILLIPS**

(57) Abstract :

The present disclosure pertains to a method of improving the grinding of a bauxite containing slurry during the grinding stage of an alumina extraction process. Specifically, an effective amount of one or more non-ionic surfactants, polyglycols, polyglycol ethers, anionic surfactants, anionic polymers, or a combination thereof are added to said bauxite containing slurry during the grinding stage of an alumina extraction process to achieve an improved effect.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2009

(21) Application No.8368/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DCS/WCDMA dual frequency multiplexer and general dual frequency multiplexer

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(51) International classification :H04B 10/02  
(31) Priority Document No :200710028152.2  
(32) Priority Date :23/05/2007  
(33) Name of priority country :China  
(86) International Application No :PCT/CN2007/001709  
    Filing Date :28/05/2008  
(87) International Publication No : NA  
(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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Gaungzhou City Guangdong Province P.R. China 510663

(72)**Name of Inventor :**

**1)SHU Mengmeng**

**2)HE Tao**

**3)HE Bin**

**4)HUANG Jingmin**

---

(57) Abstract :

The invention discloses a DCS/WCDMA dual frequency multiplexer. On one hand, the multiplexer utilizes distributed parameter type capacitors in place of conventionally used capacitors. On the other hand, within the multiplexer, a direct circuit and a RF circuit are isolated from each other physically. All components including capacitors co-exist together physically. Similarly, the invention further discloses a dual frequency multiplexer with large application range. It also utilizes the distributed parameter type capacitors like the DCS/WCDMA dual frequency multiplexer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2009

(21) Application No.8421/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : BURNER FOR HIGHLY CAKING COAL, AND GASIFIER

(51) International classification	:F23D 1/00, F23N 5/24	(71) <b>Name of Applicant :</b> <b>1)MITSUBISHI HEAVY INDUSTRIES LTD.</b> Address of Applicant :16-5 Konan 2-chome Minato-ku Tokyo 108-8215 JAPAN
(31) Priority Document No	:2007-304956	
(32) Priority Date	:26/11/2007	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/JP2008/062629	<b>1)Yoshinori KOYAMA</b>
Filing Date	:11/07/2008	<b>2)Takeshi ARUGA</b>
(87) International Publication No	: NA	<b>3)Hiromi ISHII</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A burner for highly caking coal having a double pipe structure of solid fuel flow channel and gasifying agent flow channel, which burner prevents or inhibits any melting/expansion of highly caking solid fuel particles by temperature rise thereof attributed to intra-burner heat transfer to thereby realize stable operation of gasification furnace. There is disclosed a burner (12) for highly caking coal comprising, provided through a peripheral wall (11) of gasification furnace (10) for gasification of a highly caking solid fuel pulverized into particles, a solid fuel flow channel (13) for feeding the solid fuel into the gasification furnace (10) by air stream carriage and a gasifying agent flow channel (14) for feeding a gasifying agent into the gasification furnace. The burner further comprises a clogging detector (20) for detecting any clogging condition of the solid fuel flow channel (13) so that when a given clogging condition is detected by the clogging detector (20), a processing for lowering the temperature of the solid fuel is carried out.

No. of Pages : 47 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2009

(21) Application No.8432/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : BURNER FOR HIGHLY CAKING COAL, AND GASIFIER

(51) International classification	:F23D 1/00
(31) Priority Document No	:2007-305655
(32) Priority Date	:27/11/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/061117
Filing Date	:18/06/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)MITSUBISHI HEAVY INDUSTRIES LTD.**

Address of Applicant :16-5 Konan 2-chome Minato-ku  
Tokyo 108-8215 JAPAN

(72)Name of Inventor :

**1)Yoshinori KOYAMA**

**2)Takeshi ARUGA**

**3)Hiromi ISHII**

**4)Kazuyuki MYOYO**

---

(57) Abstract :

In a burner for highly caking coal in which a solid fuel channel and a gasifying agent channel are provided in a double pipe structure, the temperature increase of the particles of a highly caking solid fuel due to heat transfer in the burner and the resulting fusion and expansion of the particles are prevented or suppressed, thereby enabling a stable operation of the gasifier. In a burner 12 for highly caking coal in which a solid fuel channel 13 that is attached penetrating through a surrounding wall 11 of a gasifier 10 for gasifying a highly caking solid fuel that has been pulverized into particles and that supplies the solid fuel into the gasifier 10 by gas flow transportation, and a gasifying agent channel 14 that supplies a gasifying agent into the gasifier 10 are provided in a double pipe structure, the burner 12 has a triple pipe structure including a cooling water channel 20 that circulates cooling water between the solid fuel channel 13 and the gasifying agent channel 14, and the cooling water is recovered after use.

No. of Pages : 51 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2009

(21) Application No.8453/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SURGICAL DEVICE

(51) International classification	:A61B 17/17
(31) Priority Document No	:UD2007A000099
(32) Priority Date	:31/05/2007
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2008/001390
Filing Date	:30/05/2008
(87) International Publication No	: NA
(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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(BG) Italy

(72)Name of Inventor :

1)SCAGLIA Enzo

(57) Abstract :

A surgical device (10) to insert and attach, inside a bone of a limb, an oblong prosthesis (12) provided, in predefined positions, with transverse attachment holes (13, 15, 17), comprises a support element (16) able to be temporarily coupled with the oblong prosthesis (12) in order to insert the oblong prosthesis (12) into the bone (14), and a holing template (40) able to be selectively coupled in a predetermined position with the support element (16), outside the limb. The holing template (40) is coherent with the oblong prosthesis (12) and is able to reproduce at least the predefined position of one or more of the transverse attachment holes (13, 15, 17).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2009

(21) Application No.8454/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : ACRYLIC RUBBER COMPOSITION AND VULCANIZED PRODUCT THEREOF

(51) International classification	:C08L 33/08
(31) Priority Document No	:2007-170799
(32) Priority Date	:28/06/2007
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2008/051315
Filing Date	:29/01/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Denki Kagaku Kogyo Kabushiki Kaisha

Address of Applicant :1-1 Nihonbashi-Muromachi 2-chome  
Chuo-ku Tokyo 1038338 JAPAN

(72)Name of Inventor :

1)YAMAGISHI Uichiro

2)MIYAUCHI Toshiaki

3)ABE Yasushi

(57) Abstract :

To provide an acrylic rubber composition and its vulcanized product, having excellent workability and an excellent balance of the vulcanization properties, the reduction of scorching, the rubber mechanical properties, the compression set and the heat resistance. An acrylic rubber composition comprising a carboxy group-containing acrylic rubber, a novolac phenol resin salt of a diazabicycloalkene compound and a polyamine compound. Particularly, the diazabicycloalkene compound is preferably 2,3,4,6,7,8,9,10-octahydropyrimido(1,2-a)azepine or 2,3,4,6,7,8-hexahydopyrrolo(1,2-a)pyrimidine, and the polyamine compound is preferably an aromatic polyamine or an aliphatic polyamine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2009

(21) Application No.8455/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : JOINING DEVICE AND JOINING METHOD

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(51) International classification	:B65H 69/06
(31) Priority Document No	:UD2007A000096
(32) Priority Date	:30/05/2007
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2008/056642
Filing Date	:29/05/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

1)ATEX SPA

Address of Applicant :Via Forgaria 7-Frazione Z.I.  
PONTEROSSO-33078 San Vito Al Tagliamento (PN) Italy

(72)Name of Inventor :

1)SAVIO Paolo

(57) Abstract :

Joining device and method for joining textile yarns (27-127) having a joining chamber (19) consisting of two semi-shells (32-132) having an open position and a closed position. The terminal segments of the textile yarns (27-127) to be joined can be positioned between the two open semi-shells (32-132). Said terminal segments cooperate with respective de-twisting means (20-120), gripper means (21-121) and scissor means (22-122). There is also a command and control unit (11) and a drive unit (17) present. The semi-shells (32-132) have a central nozzle (25) and two lateral nozzles (26-126) put in cooperation with the longitudinal axis of the joining chamber (19).

No. of Pages : 17 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2009

(21) Application No.8457/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SELECTION OF DECODING FUNCTIONS DISTRIBUTED TO THE DECODER

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(51) International classification	:H03M 7/30
(31) Priority Document No	:07 04710
(32) Priority Date	:29/06/2007
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2008/051101
Filing Date	:19/06/2008
(87) 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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(71)Name of Applicant :

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Address of Applicant :6 place d<sup>TM</sup>Alleray F-75015 Paris France

(72)Name of Inventor :

1)JUNG Jo<d

2)LAROCHE Guillaume

(57) Abstract :

The present invention relates to a method of transmitting at least one current image portion, the method being characterized in that it comprises selecting (10) a coding function from a finite set of coding functions by applying (14) at least one choice function of a first type, said choice function or functions of said first type using already-decoded image data, coding (20) the current image portion using the selected coding function, sending (30) the coded image portion to a decoder (6), and sending (34) to said decoder information describing the choice function or functions of said first type. The invention also relates to the corresponding decoding method.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2009

(21) Application No.8458/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : MULTIMEDIA COMMUNICATIONS METHOD

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(51) International classification	:H04N
(31) Priority Document No	:60/937,552
(32) Priority Date	:28/06/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/062049
Filing Date	:30/04/2008
(87) International Publication No	: NA
(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)KATIS Thomas E.

2)PANTTAJA James T.

3)PANTTAJA Mary G.

4)RANNEY Matthew J.

---

(57) Abstract :

A telecommunication and multimedia management apparatus and method that supports voice and other media communications and that enables users to: (i) participate in multiple conversation modes, including live phone calls, conference calls, instant voice messaging or tactical communications; (ii) review the messages of conversations in either a live mode or a time-shifted mode and to seamlessly transition back and forth between the two modes; (iii) participate in multiple conversations either concurrently or simultaneously; (iv) archive the messages of conversations for later review or processing; and (v) persistently store media either created or received on the communication devices of users. The latter feature enables users to generate or review media when either disconnected from the network or network conditions are poor and to optimize the delivery of media over the network based on network conditions and the intention of the users participating in conversations.

No. of Pages : 109 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2009

(21) Application No.7883/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : GASTRORETENTIVE SYSTEM COMPRISING AN ALGINATE BODY

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(51) International classification	:A61K
(31) Priority Document No	:10 2007 026 037.9
(32) Priority Date	:04/06/2007
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2008/004188
Filing Date	:27/05/2008
(87) International Publication No	: NA
(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)ASMUSSEN Bodo**

**2)SCHILLER Christiane**

**3)WEITSCHIES Werner**

(57) Abstract :

The invention relates to gastroretentive systems which comprise at least one release device for at least one active pharmaceutical ingredient and at least one swelling body that is connected to the release device.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/12/2009

(21) Application No.7885/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AXIAL FLUX INDUCTION ELECTRICAL MACHINE

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(51) International classification	:H02K17/00
(31) Priority Document No	:20075310
(32) Priority Date	:03/05/2007
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2008/050098
Filing Date	:28/02/2008
(87) International Publication No	: NA
(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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Finland

(72)Name of Inventor :

1)Asko PARVIAINEN

2)Ari PIISPANEN

(57) Abstract :

The invention relates to an axial flux induction electrical machine comprising a frame, a shaft (1) bearing-mounted to the frame, a disc-like rotor (2) supported to the shaft, a stator (4) comprising a stator winding (3) and supported by the frame on the first side of the rotor in axial direction. The disc-like rotor (2) comprises a non-ferromagnetic rotor frame (8) fabricated of a material with a high electrical conductivity and comprising a uniform inner periphery (9) and an outer periphery (10) and conductor bars (11) fabricated of the same material and galvanically connecting the peripheries (11).

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2009

(21) Application No.8476/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHODS FOR PRODUCTION AND USES OF MULTIPOTENT CELL POPULATIONS

(51) International classification	:C12Q 1/68
(31) Priority Document No	:60/932,020
(32) Priority Date	:29/05/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/065007
Filing Date	:28/05/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)REID Christopher B.

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(72)Name of Inventor :

1)REID Christopher B.

(57) Abstract :

The claimed invention is directed towards the generation of pluripotent, multipotent, and/or self-renewing cells which are capable of beginning to differentiate in culture into a variety of cell types and capable of further differentiation in vivo. The claimed invention is also directed towards the generation of desirable, differentiating cell populations transplantable to patients, genetic modification of endogenous cells, and the treatment of patients suffering from diseases that may be ameliorated by these methods. This invention also provides methods for preventing, treating, or retarding disease related to immunodeficiency virus (e.g. HIV-1, HIV-2, SIV, FIV, etc.) infection.

No. of Pages : 107 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2009

(21) Application No.8575/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : FILLER COMPOSITION

(51) International classification	:C07B
(31) Priority Document No	:60/949,923
(32) Priority Date	:16/07/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2008/059149
Filing Date	:14/07/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AKZO NOBEL N.V.

Address of Applicant :Velperweg 76 NL-6824 BM Arnhem  
The Netherlands.

(72)Name of Inventor :

1)SIMONSON Patrik

2)PERSSON Michael

(57) Abstract :

The present invention relates to a filler composition comprising a) a filler, b) a cationic inorganic compound, c) a cationic organic compound, and d) an anionic polysaccharide, wherein the filler is present in an amount of at least about 1 % by weight, based on the total weight of the composition, the anionic polysaccharide is present in an amount of about 1 to about 100 kg/ton, based on the weight of filler, and wherein the composition is substantially free from fibers. The invention further relates to a filler composition comprising a), b), c) and d) as defined above wherein the filler is present in an amount of at least about 1 % by weight, based on the total weight of the composition, the cationic inorganic and organic compounds are each present in an amount of from about 0 to about 30 kg/ton, based on the weight of filler, whereby the composition comprises at least one of the cationic inorganic and organic compounds, and the anionic polysaccharide has a degree of substitution of net anionic groups of up to about 0.65. The invention further relates to a method of preparing a filler composition comprising mixing a), b), c) and d) as defined above. The invention further relates to a filler composition obtainable by the method, use of a filler composition as an additive to an aqueous cellulosic suspension in a papermaking process, and a process of producing paper comprising adding the filler composition to an aqueous cellulosic suspension. The invention further relates to paper obtainable by the process and paper comprising the filler composition.

No. of Pages : 28 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/03/2006

(21) Application No.662/DEL/2006 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : A PROCESS FOR PREPARATION OF RADICAL SCAVENGING CONSERVE FROM TEA LEAVES

(51) International classification	:A61K 36/00	(71) <b>Name of Applicant :</b> <b>1)COUNCIL OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b> Address of Applicant :HEAD, IPM DIVISION, CSIR, NISCAIR BUILDING, 14 SATSANG VIHAR MARG, NEW DELHI- 110067, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)L. JAGAN MOHAN RAO</b>
(87) International Publication No	:NA	<b>2)B.B BORSE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)B.RAGHAVAN</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a process for the preparation of radical scavenging conserve from tea leaves. In this process these course / pruned tea leaves are dried (cross flow/infrared) and subjected to size reduction to obtain the powder form, extraction using polar solvent and liquid - liquid extraction (fractionation) using a low boiling ester to prepare a solvent extract (conserve) and an aqueous extract on concentration. The conserve thus obtained showed very good (92% at 15 ppm concentration) radical scavenging potential in model system.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2009

(21) Application No.8507/DELNP/2009 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : COMPOUNDS AND METHODS FOR MODULATING RHO GTPASES

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(51) International classification	:C07D 217/10
(31) Priority Document No	:07301230.4
(32) Priority Date	:12/07/2007
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2008/059134
Filing Date	:11/07/2008
(87) International Publication No	: NA
(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)BEAUSOLEIL Eric**

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**4)TAVERNE Thierry**

**5)PICARD Virginie**

**6)DE OLIVEIRA Catherine**

**7)SCHWEIGHOFFER Fabien**

---

(57) Abstract :

The present invention relates to methods and compositions that affect the GTP-binding activity of members of the Rho family GTPases, preferably Rac GTPases (Rac1, Rac1b, Rac2 and/or Rac3).

No. of Pages : 125 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2009

(21) Application No.8511/DELNP/2009 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : PYRAZOLOPYRIMIDINONE KINASE INHIBITOR

(51) International classification	:C07D 487/04, A61K 31/44	(71) <b>Name of Applicant :</b> <b>1)AGENNIX AG</b> Address of Applicant :1m Neuenheimer Feld 515 69120 Heidelberg Germany
(31) Priority Document No	:60/932,155	(72) <b>Name of Inventor :</b>
(32) Priority Date	:29/05/2007	<b>1)KLUGE Arthur F.</b>
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/EP2008/056569	
Filing Date	:28/05/2008	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel pyrazolo[3,4-d]pyrimidin-4-one, specifically a derivative of 1-(pyridine-4-yl)-pyrazolo[3,4-d]pyrimidin-4-one. This compound is a kinase inhibitor that shows unexpected anti-proliferative activity against cells, including against tumor cells, and anti-tumor activity in xenograft tumor models. The compound or a suitable salt or prodrug thereof is useful for the treatment of individuals suffering from a cancer or another proliferative disorder or disease.

No. of Pages : 76 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2009

(21) Application No.8512/DELNP/2009 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : SOYBEAN POLYMORPHISMS AND METHODS OF GENOTYPING

(51) International classification	:C12Q 1/68,C07H 21/04
(31) Priority Document No	:60/932,533
(32) Priority Date	:31/05/2007
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2008/006765 :29/05/2008
(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)Monsanto Technology LLC**

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**(72)Name of Inventor :**

- 1)WU Kunsheng**
- 2)LE DEAUX John**
- 3)BUTRUIILLE David**
- 4)GUPTA Anju**
- 5)JOHNSON Richard**
- 6)EATHINGTON Sam**
- 7)BULL Jason**
- 8)EDWARDS Marlin**
- 9)MC LAIRD Paul**

**(57) Abstract :**

Polymorphic soybean DNA loci useful for genotyping between at least two varieties of soybean. Sequences of the loci are useful for providing the basis for designing primers and probe oligonucleotides for detecting polymorphisms in soybean DNA. Polymorphisms are useful for genotyping applications in soybean. The polymorphic markers are useful to establish marker/trait associations, e.g. in linkage disequilibrium mapping and association studies, positional cloning and transgenic applications, marker-aided breeding and marker-assisted selection, hybrid prediction and identity by descent studies. The polymorphic markers are also useful in mapping libraries of DNA clones, e.g. for soybean QTLs and genes linked to polymorphisms.

No. of Pages : 86 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/12/2009

(21) Application No.8578/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CHLORINE DIOXIDE

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(51) International classification	:C07D
(31) Priority Document No	:60/929,828
(32) Priority Date	:13/07/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2008/059052
Filing Date	:11/07/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

1)AKZO NOBEL N.V.

Address of Applicant : Velperweg 76 NL-6824 BM Arnhem  
The NETHERLANDS

(72)Name of Inventor :

1)SOKOL John C.

2)BURKE Michael

(57) Abstract :

The invention concerns a process for the production of chlorine dioxide comprising generating chlorine dioxide in an aqueous reaction medium in a reaction vessel maintained at super-atmospheric pressure, withdrawing gaseous chlorine dioxide from said reaction medium, bringing withdrawn gaseous chlorine dioxide to an aqueous absorption medium and withdrawing gaseous chlorine dioxide from said absorption medium.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2009

(21) Application No.8616/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PROCESS FOR PRODUCING BRANCHED HYDROCARBONS

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(51) International classification	:C10G 3/00
(31) Priority Document No	:20075434
(32) Priority Date	:11/06/2007
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2008/050343
Filing Date	:10/06/2008
(87) International Publication No	:WO 2008/152199
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)**Name of Applicant :**

**1)NESTE OIL OYJ**

Address of Applicant :KEILARANTA 21, FI-02150 ESPOO  
(FI) Finland

(72)**Name of Inventor :**

**1)KOIVUSALMI, EIJA**

**2)PIILOLA, RAMI**

**3)AALTO, PEKKA**

(57) Abstract :

The invention relates to a process for producing saturated C5-C28 hydrocarbons, suitable as diesel fuels, kerosenes and gasolines, comprising the steps where feedstock derived from st starting material of biological origin, is subjected to a condensation step and subsequently subjected to a combined hydrodefunctionalization and isomerization step.

No. of Pages : 40 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/12/2009

(21) Application No.8601/DELNP/2009 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : METHOD AND SYSTEM FOR REGISTERING AND PROCESSING THE DIGITAL IDENTIFICATION OF MULTIMEDIA DATA

(51) International classification	:H04L 12/58
(31) Priority Document No	:200710076000.X
(32) Priority Date	:09/07/2007
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2008/071523
Filing Date	:02/07/2008
(87) International Publication No	: NA
(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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Bantian Longgang District Shenzhen Guangdong 518129 P.R.  
China.

(72)**Name of Inventor :**

**1)CHENG Weiming**

**2)QI Hailong**

(57) Abstract :

Methods and systems of multimedia data digital identification registering and processing are provided. The said registering method includes the following steps: A request of digital identification registering is received, and the said registering request carries the said multimedia data and service attribute information of the said multimedia data. A service ID is assigned to the said multimedia data, and the said service ID can be identified in service network correlated with the said multimedia data transmitting range. A request of digital identification processing is synchronized to all digital identification processing systems in service network correlated with the said multimedia data transmitting range, and at the same time, the said processing request carries the said multimedia data and the said service ID. Using the said method, identification of the said multimedia data is realized in internal service sub-system in full service network, and monitoring of the said multimedia data transmitting is also realized in the full service network.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2009

(21) Application No.8470/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHODS AND COMPOSITIONS FOR STIMULATING CELLS

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(51) International classification	:A61K 31/44
(31) Priority Document No	:60/931,771
(32) Priority Date	:25/05/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/006667
Filing Date	:23/05/2008
(87) International Publication No	: NA
(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 :201 Spear Street 3rd Floor San Francisco California 94105 United States of America

(72)**Name of Inventor :**

**1)HUNG David T.**

**2)PROTTER Andrew Asher**

(57) Abstract :

The invention provides compositions and methods for treating, preventing, delaying the onset, and/or delaying the development of a disease or condition for which the activation, differentiation, and/or proliferation of one or more cell types is beneficial. These compositions and methods include, for example, a hydrogenated pyrido [4,3 -b] indole such as dimebon and/or a cell that has been incubated with a hydrogenated pyrido [4,3 -b] indole such as dimebon. In some embodiments, the compositions and methods also include a growth factor and/or an anti-cell death compound. The invention also provides methods of activating a cell, promoting the differentiation of a cell, and/or promoting the proliferation of a cell by incubating the cell with one or more hydrogenated pyrido [4,3 -b] indoles or pharmaceutically acceptable salts thereof. In some embodiments, the cell is also incubated with one or more growth factors and/or anti-cell death compounds.

No. of Pages : 100 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2009

(21) Application No.8472/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : MODIFIED POLYSACCHARIDES FOR CONJUGATE VACCINES

(51) International classification	:A61K 39/395
(31) Priority Document No	:60/945,226
(32) Priority Date	:20/06/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/067315
Filing Date	:18/06/2008
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)BAXTER INTERNATIONAL INC.**

Address of Applicant :One Baxter Parkway Deerfield Illinois 60015 United States of America.

**2)BAXTER HEALTHCARE S.A.**

(72)Name of Inventor :

**1)MICHON FRANCIS**

**2)SARKAR ARUN**

(57) Abstract :

The present invention relates to methods of manufacture of immunogenic glycoconjugates, in particular for use in pharmaceutical compositions for inducing a therapeutic immune response in a subject. The immunogenic glycoconjugates of the invention comprise one or more oligosaccharides or polysaccharides that are conjugated to one or more carrier proteins via an active aldehyde group. Accordingly, the invention provides methods of making (i) unsaturated microbial N-acyl derivative oligosaccharides or polysaccharides; (ii) novel conjugates of unsaturated N-acyl derivatives; and (iii) glycoconjugate compositions comprising conjugate molecules of fragments of microbial unsaturated N-acyl derivatives that serve as a covalent linker to one or more proteins. The invention further encompasses the use of the immunogenic glycoconjugates pharmaceutical compositions for the prevention or treatment of an infectious disease.

No. of Pages : 56 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2009

(21) Application No.8475/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHOD AND ABSORBENT COMPOSITION FOR RECOVERING A GASEOUS COMPONENT FROM A GAS STREAM

(51) International classification	:B01D 53/14
(31) Priority Document No	:60/940,529
(32) Priority Date	:29/05/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2008/001029
Filing Date	:29/05/2008
(87) International Publication No	: NA
(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)GELOWITZ Don**  
**2)TONTIWACHWUTHIKUL Paitoon**  
**3)IDEM, RAPHAEL**

---

(57) Abstract :

A method and apparatus for recovering a gaseous component from an incoming gas stream is described. The incoming gas stream is contacted with a lean aqueous absorbing medium to absorb at least a portion of the gaseous component from the incoming gas stream to form a lean treated gas stream and a rich aqueous absorbing medium. At least a portion of the gaseous component is desorbed from the rich aqueous absorbing medium at a temperature to form an overhead gas stream and a regenerated aqueous absorbing medium.

No. of Pages : 89 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/12/2009

(21) Application No.7953/DELNP/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : NASAL CAVITY FILTER

(51) International classification	:A62B 23/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2007/000346
Filing Date	:14/05/2007
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NARCISO Paolo

Address of Applicant :Via della Farnesina 330-00194 ROME  
Italy

(72)Name of Inventor :

1)NARCISO Paolo

(57) Abstract :

A nasal cavity filter (2) having a substantially cylindrical supporting wall (4), which adheres to the walls of a nasal cavity, and an inner surface (5) of which defines a cavity (6) for the passage of air inhaled and exhaled by the user. The cavity (6) houses a number of fins (7), which generate turbulence in the air flowing through, and the surface of which impinge by the air retains particles present in the air.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.313/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CMOS LEVEL SHIFTER CIRCUIT DESIGN

(51) International classification	:H03K 3/356,H03K 3/012
(31) Priority Document No	:12/204,147
(32) Priority Date	:04/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/055339 :28/08/2009
(87) International Publication No	:WO 2010/027915 A1
(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

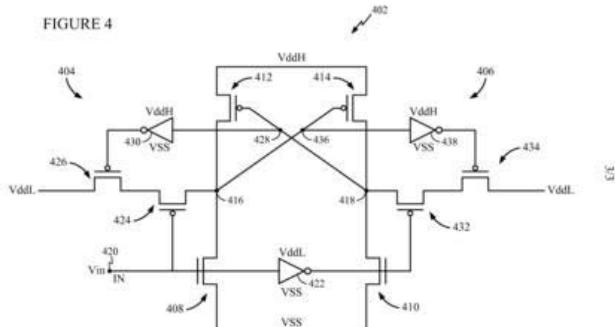
Address of Applicant :Attn: International IP Administration  
5775 Morehouse Drive San Diego California 92121-1714  
United States of America

(72)Name of Inventor :

1)CHABA Ritu  
2)PARK Dongkyu  
3)JUNG ChangHo  
4)YOON Sei Seung

(57) Abstract :

A level shifting circuit (402) has a pair of assist circuits (404, 408). The level shifting circuit (402) includes an input point (420), two output points (416/418), a pair of cross-coupled PMOS transistors (412, 414) coupled to the output points (416, 418), and a pair of NMOS transistors (424, 426, 432, 434) coupled between the input and output points (420). Each assist circuit (404, 408) includes a pair of PMOS transistors (424, 426, 432, 434), one responsive (424, 432) to an input applied to the input point (420), the other (426, 434) responsive to the drain voltage of one of the NMOS transistors (408, 410). The assist circuit (404, 408) temporarily weaken the cross-coupled PMOS transistors (412, 414) when an input changes from low to high, or from high to low. The assist circuits also transiently boost the output.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.314/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CONTROL SYSTEM IN WIND TURBINE BLADES

(51) International classification	:F03D 1/06
(31) Priority Document No	:PA 2008 01189
(32) Priority Date	:29/08/2008
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/EP2009/061137
Filing Date	:28/08/2009
(87) International Publication No	:WO 2010/023278
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VESTAS WIND SYSTEMS A/S

Address of Applicant :Alsvej 21 DK-8940 Randers SV  
Denmark

(72)Name of Inventor :

1)HANCOCK Mark

2)BARLOW Nicolas Dudley

3)VELDKAMP Dick

(57) Abstract :

The invention relates to a wind turbine blade with devices for modifying the aerodynamic surface or shape of the blade. The position and movement of these devices are controlled by a pneumatic actuator powered by pressure from a pressure chamber connected to the actuator via a valve system controlling the powering. The valve system in return is operated by a control unit conveying control signals to the valve system via a signal communication pathway. The communication pathway may comprise a power link or pressure tubes with a liquid or a gas. In one embodiment the gas used is of a lower molecular weight than 28.9 kg/kmol and thereby lower than air, whereby the speed of the pressure signals being sent from the control unit is increased and thereby the operational speed of the aerodynamic devices. The invention further relates to a wind turbine comprising a tower, a nacelle mounted to one end of the tower, and a rotor with at least one wind turbine blade according to the above.

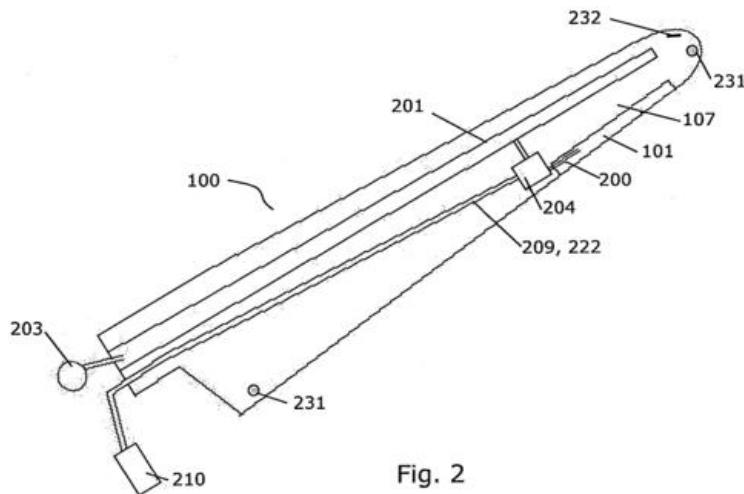


Fig. 2

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2011

(21) Application No.320/MUMNP/2011 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : ADMINISTRATION REGIME FOR NITROCATECHOLS

(51) International classification	:A61K 31/4439,A61P 25/16	(71) <b>Name of Applicant :</b> <b>1)BIAL PORTELA &amp; C.A. S.A.</b> Address of Applicant :A Av. da Siderurgia Nacional 4745 457 S. Mamede do Coronado Portugal.
(31) Priority Document No	:61/137,248	
(32) Priority Date	:29/07/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/PT2009/000044	<b>1)de Almeida Jose Luis</b>
Filing Date	:29/07/2009	<b>2)Learmonth David Alexander</b>
(87) International Publication No	:WO 2010/014025 A1	<b>3)Araujo Soares de Silva Patricio Manuel Vieira</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to novel dosage regimens for compounds of formula I: where the substituents are as defined in the specification.

No. of Pages : 34 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.343/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : GOLF BALL FEEDING APPARATUS

(51) International classification	:A63B 69/36
(31) Priority Document No	:20-2008-0014454
(32) Priority Date	:29/10/2008
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/005773
Filing Date	:09/10/2009
(87) International Publication No	:WO 2010/050682
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SANG-WON PARK

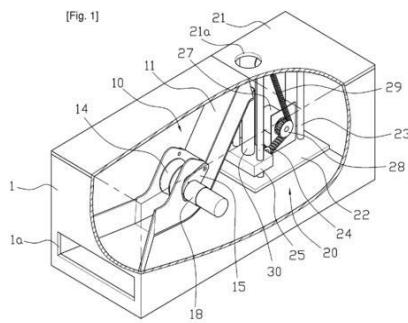
Address of Applicant :101-806, MOKDONG KUMHO  
BESTBILL APT., MOK-DONG, YANGCHEON-GU, SEOUL,  
REPUBLIC OF KOREA

(72)Name of Inventor :

1)SANG-WON PARK

(57) Abstract :

The present invention relates to a feed unit 10 mounted at one side of the interior of a body 1 so as to feed a golf ball 40 and an adjustment unit 20 mounted at the other side of the interior of the body 1 so as to adjust the height of a golf tee 30, wherein the feed unit 10 includes: a main body 11 having a passage 11a through which the golf ball 40 is passed, an inlet port 12 and an outlet port 13 formed at both ends of the passage 11a, and shaft holes 11b formed at both side walls thereof; a pulley 14 fittingly disposed between the shaft holes 11b of the main body 11; movable plates 15 each having a bearing 15a mounted thereon and disposed on both outer sides of the shaft holes 11b of the main body 11 in such a manner as to be coupled at one side thereof to the main body 11 by means of shaft pins 16 and be connected at the other side thereof with a spring 17 mounted on the main body 11, thereby allowing the movable plates 15 and the pulley 14 to rotate about the shaft pins 16; and a feed motor 18 mounted at one side movable plate 15 and having a shaft 18a coupled to the bearing 15a and the pulley 14 so as to rotate the pulley 14 by the activation thereof and wherein the adjustment unit 20 includes: an upper plate 21 having an entry/exit hole 21a formed at one side thereof; a lower plate 22; a support rod 23 disposed between the upper plate 21 and the lower plate 22 so as to fixedly support the upper plate 21 and the lower plate 22; guide rods 24 mounted at left and right sides on the underside of the entry/exit hole 21a in such a manner as to be fixed between the upper plate 21 and the lower plate 22; an elevating board 25 adapted to be insertedly fit around the guide rods 24 in such a manner as to be moved upwardly and downwardly along the guide rods 24; the golf tee 30 mounted on the elevating board 25; gears 26a and 26b mounted at the back side of the elevating board 25 in such a manner as to be located on the inner sides of the upper plate 21 and the lower plate 22; a stepping motor 27 mounted on one side of the lower plate 22; a power gear 28 located at the shaft of the stepping motor 27; and a timing belt 29 adapted to couple the power gear 28 and the gears 26a and 26b thereto in such a manner as to be fixed to one side of the elevating board 25, whereby the golf ball 40 dispensed through the outlet port 13 of the feed unit 10 is teed up on the golf tee 30 of the adjustment unit 20.



No. of Pages : 15 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/02/2011

(21) Application No.304/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : A PROCESS FOR PRODUCING MOLDED PLASTIC ARTICLES HAVING REINFORCED WALLS, THROUGH FOAMED THERMOPLASTIC INJECTION

(51) International classification	:B29C44/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/MX2008/000090
Filing Date	:15/07/2008
(87) International Publication No	:WO 2010/008264 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SOSA BRAVO SERGIO

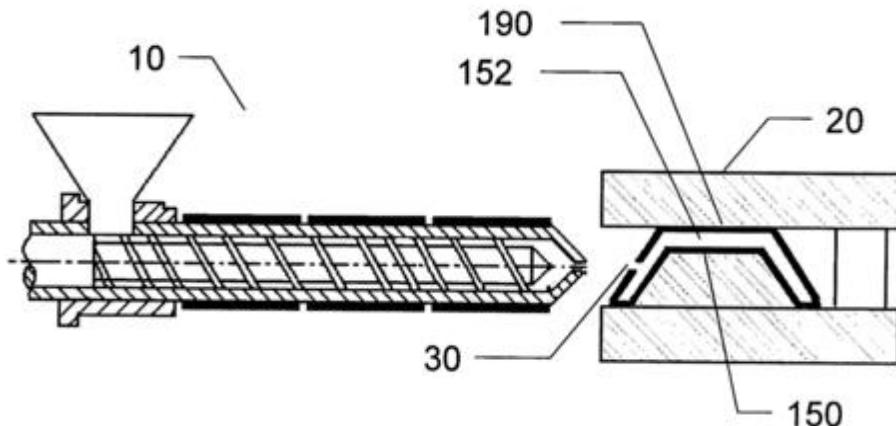
Address of Applicant :Cerro de la Carbonera # 122 Col. Campestre Churubusco Coyoacan 04200 Distrito Federal MAXICO

(72)Name of Inventor :

1)SOSA BRAVO SERGIO

(57) Abstract :

The present invention relates to a hybrid process for producing molded plastic articles by reinforcing the walls thereof through the injection of a foamed thermoplastic material, thus increasing the thickness of the wall in previously determined zones in order to improve the mechanical characteristics thereof. According to the invention, said hybrid process comprises to strengthen previously defined zones of the plastic articles formed by any of the already known processes, such as: injection, extrusion, extrusion-blowing, injection-blowing, thermoforming, roto-molding, or any combination thereof; and afterwards the injection of a foamable thermoplastic material to fill up said strengthening predesigned zones.



**FIGURA 1G**

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.317/MUMNP/2011 A

(43) Publication Date : 26/08/2011

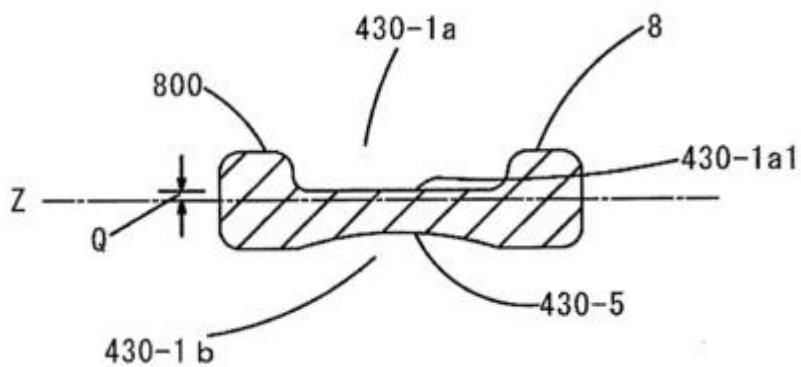
(54) Title of the invention : SPIRAL SPRING

(51) International classification	:F16F 1/10,A47C 1/024,B21D 53/00	(71)Name of Applicant : <b>1)NIHON TECHNICA CO. LTD.</b> Address of Applicant :25-1 shimomaeda Igaya-cho Kariya-shi Aichi 448-0001 Japan
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)Nobuo YAMADA</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/JP2008/067601	
Filing Date	:22/09/2008	
(87) International Publication No	:WO 2010/032340	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a spiral spring which is used for a vehicle and more particularly used for a reclining adjustment mechanism for a vehicle seat, and in which ridges are formed on both ends in a coiling direction of a surface of a spring plate member formed by a band-like steel plate having high hardness so that the ridges project from the surface and projected surfaces of the ridges are curved and the spring plate member is spirally formed (coiled), wherein the spring plate member is formed to have a pitch coiled structure in which an outer spring plate member, an intermediate spring plate member extending from the outer spring plate member, and an inner spring plate member extending from the intermediate spring plate member are coiled, and an engagement piece bent in the radial direction is formed at the end of the outer spring plate member, an engagement coiled core section is formed in the inner spring plate member, and a gap between the intermediate spring plate member and the inner spring plate member is formed to be smaller than a gap between the outer spring plate member and the intermediate spring plate member to form the pitch coiled structure.

第10図



No. of Pages : 55 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.344/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : APPARATUS FOR REINFORCING RAILROAD TIES

(51) International classification	:E01B 3/00
(31) Priority Document No	:10-2008-0093473
(32) Priority Date	:24/09/2008
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2009/004699
Filing Date	:24/08/2009
(87) International Publication No	:WO 2010/035958 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BONG SU RYU

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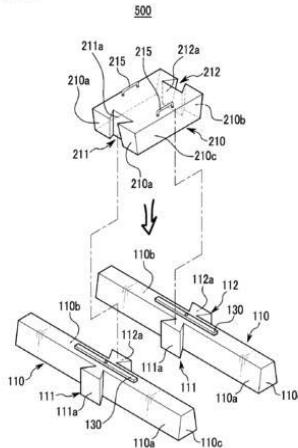
(72)Name of Inventor :

1)BONG SU RYU

(57) Abstract :

The present invention comprises a railroad tie disposed below the rails to support the rails and comprising a protrusion on a sloped surface of the railroad tie; and a reinforcing plate comprising a groove on a sloped surface of the reinforcing plate, which corresponds to the sloped surface of the railroad tie, wherein the reinforcing plate is coupled with the railroad ties by inserting the protrusion into the groove and opposing the sloped surface of the reinforcing plate to the sloped surface of the railroad tie.

[Fig. 4]



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.358/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : FRAME-STEERED VEHICLE AND A METHOD FOR CONTROLLING A FRAME-STEERED VEHICLE

(51) International classification	:B60K 23/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/SE08/000486
Filing Date	:29/08/2008
(87) International Publication No	:WO 2010/024735
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VOLVO CONSTRUCTION EQUIPMENT AB

Address of Applicant :S-631 85 ESKilstuna SWEDEN

(72)Name of Inventor :

1)AHLBERG , JOERGEN

(57) Abstract :

The invention relates to a frame-steered vehicle (10) comprising a powertrain configured to provide drive torque to a transverse axle (16) in a front vehicle section (12) and at least one transverse axle (24, 26) in a rear vehicle section (20), wherein at least one longitudinal drive shaft (36, 38) is connected to the at least one transverse axle (24, 26) in the rear vehicle section (20). At least one controllable longitudinal clutch (80, 82) being variably adjustable between an engaged operational state and a disengaged operational state is arranged in the at least one longitudinal drive shaft (36,38).

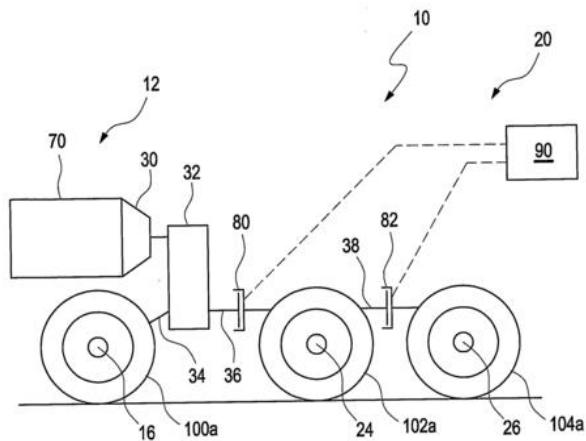


Fig. 4 b

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.361/MUMNP/2011 A

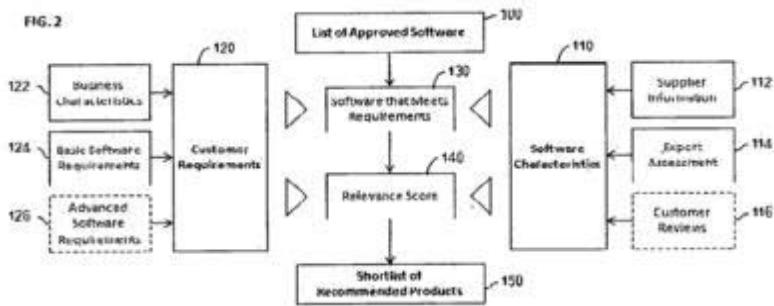
(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR ANALYSING BUSINESS SOLUTIONS

(51) International classification	:G06Q 50/00,G06F 17/30	(71)Name of Applicant :
(31) Priority Document No	:61/111,480	1)SOFTWARE SHORTLIST PTY LTD
(32) Priority Date	:05/11/2008	Address of Applicant :C/O PO BOX 453, ELTHAM, VICTORIA 3095, AUSTRALIA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/AU2009/001437	1)WESTCOTT CRAIG
Filing Date	:05/11/2009	2)RUSSO XAVIER
(87) International Publication No	:WO 2010/051583 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system compares a plurality of business solutions by receiving one or more solution requirements from a user and creating a subset of at least one solution based on the users solution requirement(s). If the subset comprises a plurality of solutions; (a) the solutions within the subset are prioritised based on the fit of each to the users solution requirements and (b) optionally, a means for the user to compare the selected solution is provided.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.372/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PIPERAZIN - 1 - YL - TRIFLUOROMETHYL - SUBSTITUTED - PYRIDINES AS FAST DISSOCIATING DOPAMINE 2 RECEPTOR ANTAGONISTS

(51) International classification	:C07D 213/74,A61K 31/496,C07D 213/84
(31) Priority Document No	:08161576.7
(32) Priority Date	:31/07/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/059788
Filing Date	:29/07/2009
(87) International Publication No	:WO 2010/012758 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)JANSSEN PHARMACEUTICA NV

Address of Applicant :TURNNHOUTSEWEG 30 B-2340 BEERSE BELGIUM

(72)Name of Inventor :

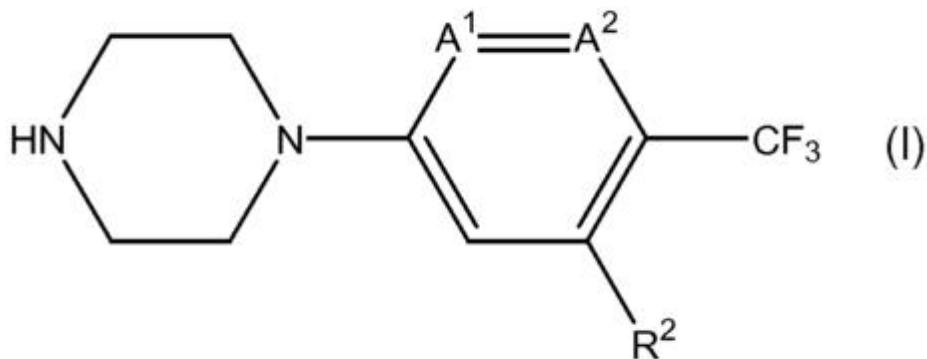
1)BARTOLOME - NEBREDA JOSE MANUEL

2)MACDONALD , GREGOR JAMES

3)VAN GOOL , MICHAEL , LUC MARIA

(57) Abstract :

The present invention relates to piperazin-1-yl-trifluoromethyl-substituted-pyridines that are fast-dissociating dopamine 2 receptor antagonists, processes for preparing these compounds, pharmaceutical compositions comprising these compounds as an active ingredient. The compounds find utility as medicines for treating or preventing central nervous system disorders, for example schizophrenia, by exerting an antipsychotic effect without motor side effect. Formula (I).



No. of Pages : 50 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/02/2011

(21) Application No.315/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : MOBILE BANKING WITH SHORT MESSAGE SERVICE

(51) International classification	:G06Q 40/00,H04W 4/12
(31) Priority Document No	:12/183,390
(32) Priority Date	:31/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/004180 :20/07/2009
(87) International Publication No	:WO 2010/014144 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SYBASE INC.

Address of Applicant :One Sybase Drive Building A 6th Floor Dublin California 94568 United States of America

(72)Name of Inventor :

1)SARMAH Dilip

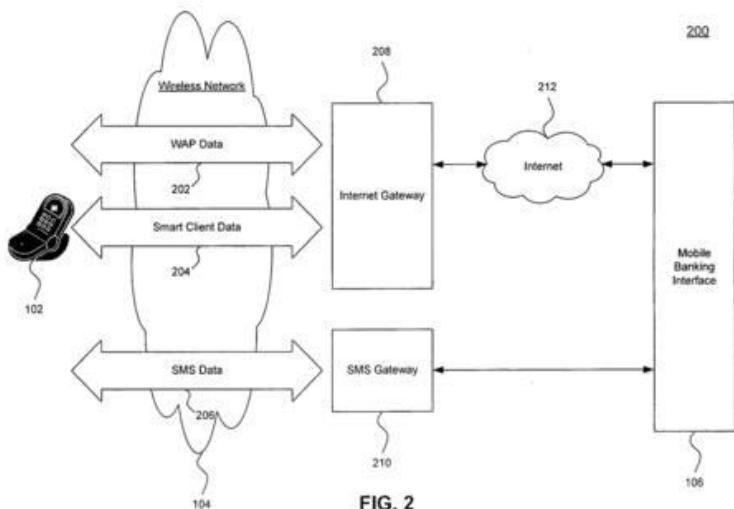
2)LEBEGUE Hugues A.

3)HERMENS Paul J.

4)MURONG Lin

(57) Abstract :

A system, method, and computer program product are provided for interfacing a user device to a transaction system. An instruction is received from an SMS gateway in an SMS message, and is parsed to obtain a corresponding transaction. A function on the transaction system for performing the transaction is called, and a response is received from the transaction system. The response is then transmitted to the user device in a response SMS message. (FIG.2)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/02/2011

(21) Application No.333/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : FLUID MIXER WITH ROTARY SHAFTS AND RELATIVE SEAL UNIT

(51) International classification	:F16J 15/34
(31) Priority Document No	:MC2008A000143
(32) Priority Date	:31/07/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP08/066255
Filing Date	:26/11/2008
(87) International Publication No	:WO 2010/012317
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MECCANOTECNICA UMBRA S . P . A ..

Address of Applicant :7, VIA GIOVANNI ANELLI, I-06042  
CAMPELLO SUL CLITUNNO (PG), ITALY

(72)Name of Inventor :

1)D'ORAZIO , NUNZIO

(57) Abstract :

A fluid mixer comprising a tank designed to contain the fluid to be mixed, a rotary shaft (1) that goes through a hole (22) obtained on the wall (2) of the tank, generating a channel (23) in which the fluid enters from the tank towards a chamber (24) outside the tank, in which the shaft (1) rotates and a seal unit designed to prevent the fluid from seeping out of the chamber (24) is disclosed. The said seal unit comprises a first seal ring (6A) mounted on the rotary shaft (1) and a second seal ring (6B) mounted on a support flange (4) fixed to the wall (2) of the tank, in such a way that the first seal ring (6A) slides in close contact with the second seal ring (6B) preventing the passage of fluid outside the chamber (24).

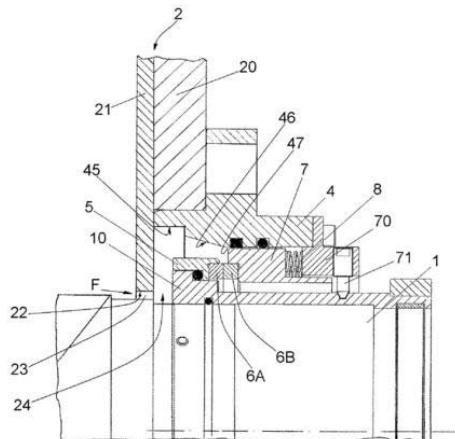


FIG. 4

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/02/2011

(21) Application No.365/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : WIND TURBINE

(51) International classification	:F03D 9/00,F03D 11/00	(71)Name of Applicant :
(31) Priority Document No	:P200800049	1)SONAJALG , ANDRES
(32) Priority Date	:24/07/2008	Address of Applicant :SUUR-KARJA 23, 10140 TALLINN, ESTONIA
(33) Name of priority country	:Estonia	2)SONAJALG , OLEG
(86) International Application No Filing Date	:PCT/IB2009/053564 :24/07/2009	(72)Name of Inventor : 1)SONAJALG , ANDRES 2)SONAJALG , OLEG
(87) International Publication No	:WO 2010/010544 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved construction of wind turbine, the aim of which is to enhance the stability of the wind turbine and improve the balance between the generator and the tower, as well as to separate the generator from the function of the bearing structural part, enabling to direct the force generated in the turbine to the generator details.

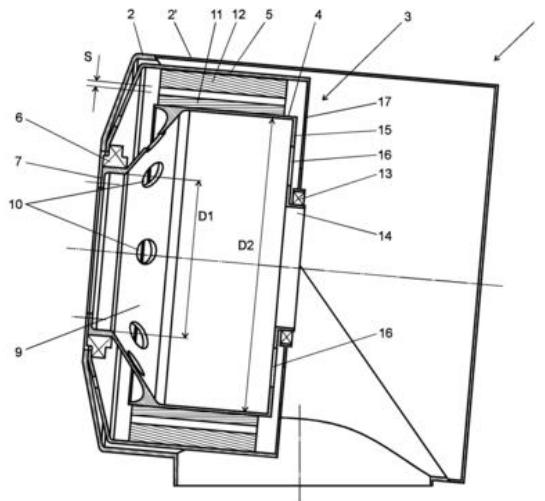


FIG 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/02/2011

(21) Application No.374/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PROCESS FOR CONTINUOUS CATALYTIC ACETYLATION

(51) International classification	:C08B 37/00,C08B 17/02,C08B 3/06
(31) Priority Document No	:102008035401.5
(32) Priority Date	:29/07/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP09/005412 :27/07/2009
(87) International Publication No	:WO 2010/012430 A1
(61) Patent of Addition to Application Number:NA Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)LIST HOLDING AG

Address of Applicant :BERSTELSTRASSE 24, CH-4422  
ARISDORF, SWITZERLAND

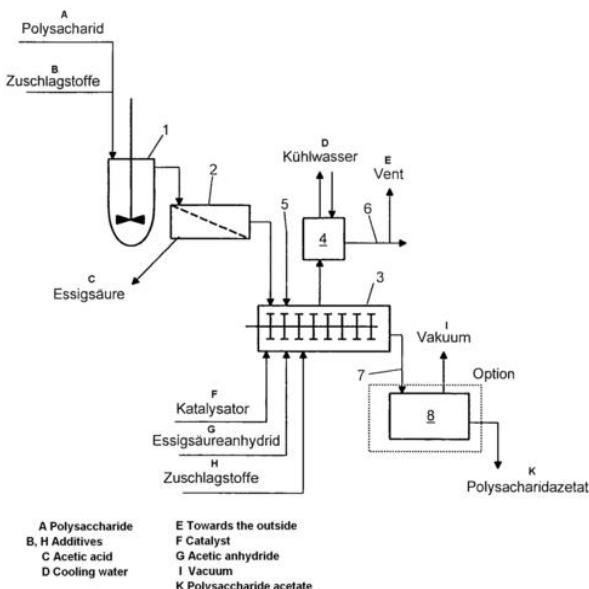
(72)Name of Inventor :

1)WITTE , DANIEL

2)DIENER , ANDREAS

(57) Abstract :

In a process for continuous acetylation of polysaccharide, a pressure is to be established in a reactor chamber such that a boiling point of a reaction mixture corresponds to a desired reaction temperature and an exothermicity of the reaction is controlled by evaporative cooling.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/07/2007

(21) Application No.1402/MUM/2007 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : INCENSE COMPOSITION AND METHOD OF PREPARING THE SAME

(51) International classification	:A61Q 13/00	(71) <b>Name of Applicant :</b> <b>1)BALAJI TELEBRANDS LIMITED</b> Address of Applicant :C-13, DALIA INDUSTRIAL ESTATE, NEW LINK ROAD, ANDHERI (W), MUMBAI. Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)KEDAR NATH KESARI</b> <b>2)MANOJ KESARI</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Incense Composition and Method of Preparing the Same A incense composition comprising planets (Nav Grah) influencing ingredients which comprises water, saw dust, jigat powder, guar gum, herbs powder, apmarga, vidara, honey, red chandan, green color, fragrance, and a method of preparation of the composition comprising Mercury planet influencing ingredients.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/02/2011

(21) Application No.307/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD AND A SYSTEM FOR REDUCING ARTIFACTS

(51) International classification	:H04N 1/40
(31) Priority Document No	:61/085,893
(32) Priority Date	:04/08/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2009/000761
Filing Date	:04/08/2009
(87) International Publication No	:WO 2010/016061
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HumanEyes Technologies Ltd.

Address of Applicant :Hi-Tech Village 1-4 Edmond Safra Campus HUJI Givat Ram 91390 Jerusalem Israel.

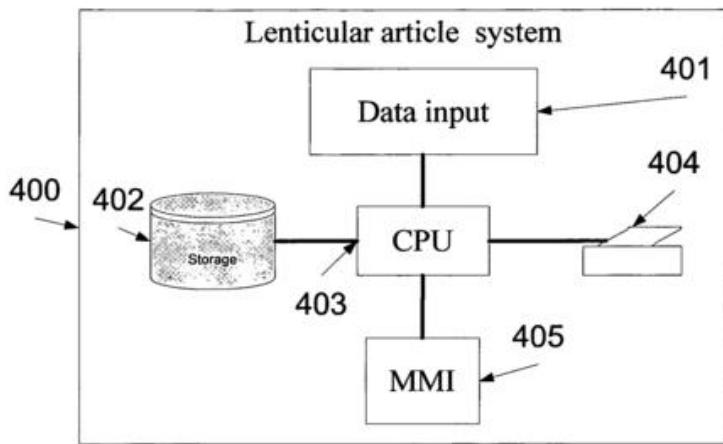
(72)Name of Inventor :

1)ZOMET Assaf

2)LAU Daniel L.

(57) Abstract :

A method for preparing an article of lenticular imaging. The method comprises receiving a plurality of source images, superimposing at least one deghosting element on the plurality of source images, the deghosting element being formed to reduce an estimated ghosting artifact from the article, interlacing the plurality of processed source images so as to form a spatially multiplexed image, and preparing the article by attaching an optical element to the spatially multiplexed image. Figure 6 is the representative figure.



**FIG. 6**

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.347/MUMNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AXIALLY INSERTABLE SHAFT COUPLING

(51) International classification	:F16D 3/79,F16D 3/72
(31) Priority Document No	:10 2008 044 892.3
(32) Priority Date	:29/08/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/005862
Filing Date	:12/08/2009
(87) International Publication No	:WO 2010/022862
A1	
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHR . MAYR GMBH + CO. KG

Address of Applicant :EICHENSTR. 1, 87665  
MAUERSTETTEN, Germany

(72)Name of Inventor :

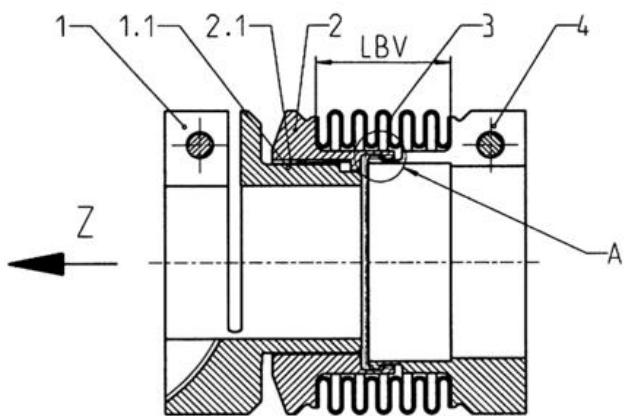
1)MAYR , FRITZ

2)VOGL , NORBERT

(57) Abstract :

The invention relates to an axially insertable shaft coupling for connecting two shafts in a torque-transmitting manner with the possibility of compensating axial, angular, or lateral offsets through an axial compensating element (3, 5), wherein the coupling is axially insertable on at least one side. In order to prevent damage to the compensating element due to high axial tensile loads in the disassembly of the plug connection, which is generally stuck after long operation, it is provided that one or more stops (2.2/2.4/2.7 or 4.1/4.3/4.6) acting axially in tension exist between the hub parts (2, 4) firmly connected to the compensating element (3, 5) of the coupling, in order to prevent damage to the compensating element (3, 5) due to excessive axial tensile forces (detail magnification A of Fig. 3).

**Fig. 3**



No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/02/2011

(21) Application No.351/MUMNP/2011 A

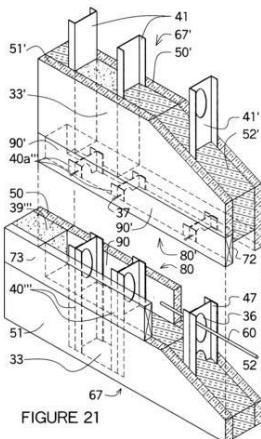
(43) Publication Date : 26/08/2011

(54) Title of the invention : A BUILDING CONSTRUCTION FOR FORMING COLUMNS AND BEAMS WITHIN A WALL MOLD

(51) International classification	:E04B 1/00	(71) <b>Name of Applicant :</b> <b>1)LEBLANG , DENNIS</b> Address of Applicant :1 MILANO CIRCLE PALM DESERT, CA 92211 UNITED STATES
(31) Priority Document No	:61/137,224	
(32) Priority Date	:29/07/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/004335	
Filing Date	:27/07/2009	
(87) International Publication No	:WO 2010/014192 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved wall system where a wall form mold has a structural insulated core assembled to form a structural insulated panel (SIP) to form a concrete beam and concrete column to be poured anywhere within the wall as well as between building modules when placed together and erected vertically. The interlocking wall molds interlock within the wall as well as between panels and modules. The wall panels allow concrete columns and beams to be formed with an ICF in any size and shape. The structural insulated core consists of interlocking foam spacers and support channels which can be glued or screwed together to form an independent wall or as part of a precast wall with columns and beams integrated within the wall panels. Expanded and insulating flanges within the wall forming mold separates the wall forming structure from the wall surfaces.



No. of Pages : 77 No. of Claims : 99

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2010

(21) Application No.403/CHE/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING ELECTRIC POWER IN STANDING WATER BY USING WATER DISPLACEMENT BY AIR METHOD

(51) International classification	:F03B 13/00	(71) <b>Name of Applicant :</b> <b>1)NATARAJ M.</b> Address of Applicant :NO.826, 9TH MAIN, HAMPINAGAR, VIJAYANAGAR II STAGE, BANGALORE - 560 104. Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	(72) <b>Name of Inventor :</b> <b>1)NATARAJ M.</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present invention is to generate electric power in standing water. This can be achieved by making proper construction and by using water displacement by air method. This can be done in deep water places such as lake, dam or in sea or we can construct one big water chamber for this purpose. A huge and large pipe is placed inside the water. Water is allowed to flow in this pipe. Water is falling from long distance in this pipe so it is having huge potential energy; this water is made to fall on turbine to rotate the turbine. Then this water will be collected in large tank, and then this water will be removed from this tank by using water displacement by air method.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2010

(21) Application No.405/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SEQUENTIAL CHIP CORRELATION ARRAY

	:G01S 19/00 ;	(71) <b>Name of Applicant :</b> <b>1)ACCORD SOFTWARE AND SYSTEMS PVT LTD</b> Address of Applicant :NO. 37, K R COLONY, DOMLUR LAYOUT, BANGALORE - 560 071. Karnataka India
(51) International classification	H04B 7/185	(72) <b>Name of Inventor :</b> <b>1)MURALI KRISHNA SRIKANTIAH</b> <b>2)VIMALA CHIKKABBAIAH</b> <b>3)GOWDAYYANADODDI SHIVAIAH NAVEEN</b>
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An arrangement of M signal generators in a global navigation satellite signal baseband chip for obtaining a sequential chip correlation array is provided. The sequential chip correlation array generates MxN code bit sequences, M in-phase and M quadrature-phase carrier mixed signals. The M signal generators are arranged consecutively. A programmable parameter is created for providing a spacing of Tc between each N code bit sequences. A first carrier and code generator is provided within each signal generator for generating an in-phase and a quadrature-phase component of a first carrier signal, and N code bit sequences. The first carrier and code generators within adjacently arranged signal generators are programmed with same code chip offset, different carrier signal frequency, different code frequency, and different code phase offset. M in-phase and M quadrature-phase carrier mixed signals, and N code bit sequences are generated by the M signal generators based on the programmable parameter.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2010

(21) Application No.411/CHE/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : SYSTEM AND METHOD FOR PUMPING OF WATER FROM LOWER PLACE TO HIGHER PLACE BY WATER DISPLACEMENT BY AIR METHOD

(51) International classification	:E03B 5/00 ; E03B 7/00	(71) <b>Name of Applicant :</b> <b>1)NATARAJ M</b> Address of Applicant :NO 826, 9TH MAIN, HAMPINAGAR, VIJAYANAGAR II STAGE, BANGALORE-560 104 Karnataka India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)NATARAJ M.</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is to pump any liquid, to the higher place from lower place in a large scale or in a small scale, in a regular basis. To do this, in this invention we are using liquid displacement by air method. The liquid in the airtight container can be sent out through the outgoing pipe, by passing air to the container. The density of the air is very less when compare to the any liquid, so it immediately moves up and occupy the place in the container, so the liquid will moves out from the container through the outgoing pipe, thus by putting a long pipe we can send liquid from lower to higher place.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2010

(21) Application No.420/CHE/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : AN IMPROVISED TAP

(51) International classification	:F16K 5/00 ; B05B 1/30	(71) <b>Name of Applicant :</b> <b>1)NAGASUBRAMANIAM RAJASEKARAN</b> Address of Applicant :NO:16, (OLD NO: 07), PAARI NAGAR, BYE-PASS ROAD, SUNGAM, COIMBATORE-641 045 Tamil Nadu India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)NAGASUBRAMANIAM RAJASEKARAN</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

AN IMPROVISED TAP, having three portions, Top Cover (C), Inner Assembly (L) within the Knob (H) and Tap Base (R). Inner assembly has two Concentric Shafts, Hollow Shaft (F) and Secondary Shaft (D). Top of the Secondary Shaft (D) is fastened to Top Cover (C) by a Nut (B), which is connected to Top Cover (A). Bottom of Secondary Shaft is fastened to Metal Washer (N), Fibre Washer (O), then Nut (P) and Circlip (Q). Main Hollow Shaft (F) is connected to Inner Assembly (L) by Worm Stem (F), Lock Nut (G), Nylon Washer (I), Polyurethane Washer (J), Guide Nut (K). As liquid passes through inlet (S), secondary shaft (D) is lifted, allowing the liquid. Top cover (A) is pressed down to stop flow instantly and Top Knob (C) is turned in clockwise direction to sustain the resistance and when the pressure on top cover (A) is released, flow resumes.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2010

(21) Application No.402/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : CONSTRUCTION OF UNSINKABLE FLOATING OBJECTS FOR LIVING AND NON-LIVING PURPOSE

(51) International classification	:B63B 35/00 ; B63B 35/44	(71)Name of Applicant : <b>1)NATARAJ M</b> Address of Applicant :NO, 826, 9TH MAIN, HAMPINAGAR, VIJAYANAGAR II STAGE, BANGALORE- 560 104 Karnataka India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)NATARAJ M</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present inventions is to construct an unsinkable objects like boats, coracle, always floating object of different shapes for different purposes, houses of different shapes for living and non-living purpose, large containers to store or cargo or to grow aquatic animals, to build large area on water for multipurpose usage, to build large area above the water level etc., All these structures are constructed with multiple hollow cells in their whole body or in their wall. The objects are constructed with multiple layers with multiple hollow cells in them. These objects are constructed such a way that the total density of the object is very less when compare to the water, so they always float on the water. These objects help us to stay in water and to grow any type of animals or any type of food stuff. They also help us for transport of people and material.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2010

(21) Application No.415/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : BICYCLIC COMPOUNDS AND THEIR USES AS DUAL C-SRC / JAK INHIBITORS

(51) International classification	:C07D 239/00	(71) <b>Name of Applicant :</b> <b>1)DEBIOPHARM S.A.</b> Address of Applicant :Forum apr's-domain[] Chemin Messidor 5-7 CP 5911 CH-1002 Lausanne Switzerland
(31) Priority Document No	:NA	<b>2)AURIGENE DISCOVERY TECHNOLOGIES LTD.</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)ANDR'S MC ALLISTER</b>
Filing Date	:NA	<b>2)MAXIMILIEN MURONE</b>
(87) International Publication No	: NA	<b>3)SAUMITRA SENGUPTA</b>
(61) Patent of Addition to Application Number	:NA	<b>4)SHANKAR SHETTY</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to substituted aromatic bicyclic compounds containing pyrimidine and pyridine rings as well as pharmaceutically acceptable salts thereof. The compounds of the present invention are useful as tyrosine kinase inhibitors, preferably Src family kinases (SFKs) inhibitors, in particular as multi SFK/JAK kinases inhibitors and even preferably as dual c-SRC/JAK kinases inhibitors, thereby inhibiting the STAT3 activation and therefore abnormal growth of particular cell types. Notably, the compounds of the present invention are useful for the treatment or inhibition of certain diseases that are the result of deregulation of STAT3.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2010

(21) Application No.419/CHE/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : OCEAN WAVE POWER GENERATION CUM SHORE PROTECTION TECHNOLOGY

	:F03B 13/14 ;	(71) <b>Name of Applicant :</b> <b>1)ANOON P. BASIL RAJ</b> Address of Applicant :PATTUPALAYIL (H), KARIMPANA (P.O), KOOTHATTUKULAM, ERNAKULAM, KERALA - 686 662. India
(51) International classification	F03B 13/00	(72) <b>Name of Inventor :</b> <b>1)ANOON P. BASIL RAJ</b>
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Wave power generation cum shore protection project envisages tapping the energy of ocean waves and wind for the generation of electricity and integrating it to the national power grid. A number of impellers are arranged parallel to the shore in a span of 100m each, at a distance of about 1000m from the seashore. Impellers are designed to tap the tri-energies of ocean waves. Windmills are installed to tap wind energy. Impellers, wave harnesser are supported with the help of rope Holder cum Pressure Tank & windmills are installed above the rope Holder cum Pressure Tank for tapping energy. A floating cum wave breaking arrangement is provided to keep the impellers in the correct position, according to the variations in the tide level. The impellers are directly coupled with geared alternator which has variable speed and dual energy generator. Oscillation Pump will be installed at a distance of about 1200m from the shore and also it pumps air to the pressure tank. It is a special device to protect the whole systems from brutal waves i.e. waves which have wave crest of 4mts or above. The windmills will function like the generator with the help of wind energy.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2010

(21) Application No.423/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : NON CONVENTIONAL SEA WATER PURIFICATION PROCESS AND POWER PRODUCTION USING WIND DISC DEVICE

(51) International classification	:F03B 13/00 ; B01D	(71) <b>Name of Applicant :</b> <b>1)K. SANKARA KUMAR</b> Address of Applicant :292-A, AZAGU ILLAM, NARAYANA NAGAR, SANKAR NAGAR, TIRUNELVELI - 627 357. Tamil Nadu India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)K. SANKARA KUMAR</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The device useful for producing clean electricity and safe drinking water run by non conventional energy source is disclosed. The device has a supporting column 5 to support the wind disc energy device arrangement (1,2,3) and it is mounted on the desalination unit 12 which run by the wave water pump and it lies under the sea ground level 11. By using this device we can produce clean electricity and safe drinking water without any environmental impacts.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2010

(21) Application No.422/CHE/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : A SYSTEM FOR ENSURING UNINTERRUPTED RUNNING OF THE ENGINE-DRIVEN AIR CONDITIONER OF A MOTOR VEHICLE EVEN AFTER THE ENGINE HAS STOPPED

(51) International classification	:F25B	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)LUCAS-TVS LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :PADI, CHENNAI-600 050. Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72) <b>Name of Inventor :</b>
Filing Date	:NA	<b>1)KRISHNAVILASAM RAGHAVAN</b>
(87) International Publication No	: NA	<b>ANANDAKUMARAN NAIR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)K. SIVASUBRAMANIAN</b>
Filing Date	:NA	<b>3)S. VENKATESWARLU</b>
(62) Divisional to Application Number	:NA	<b>4)V. MOHANRAJ</b>
Filing Date	:NA	

(57) Abstract :

A system for ensuring uninterrupted running of the engine- driven air conditioner of a motor vehicle, even after the engine has stopped, comprising an air conditioner, the compressor of which is coupled to the engine by a first drive; an electric motor coupled in tandem to the compressor by the first drive through a second drive constituted by a unidirectional clutch, the input power to the said motor being derived from the battery of the vehicle; an electronic control unit (ECU) for activating the motor only when the said unit senses the engine to be OFF and the compressor switch to be ON, the said motor, on activation, driving the compressor, uninterruptedly, through the said clutch, unless the engine is turned ON to resume driving the compressor through the first drive; the said control unit, on sensing the engine to have been turned ON, simultaneously de-activating the motor, while the said clutch disables the de-activated motor from being driven by the engine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/02/2010

(21) Application No.428/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DETECTING OBJECTS OF INTEREST IN STILL IMAGES

(51) International classification	:G06K 9/00	(71) <b>Name of Applicant :</b> <b>1)MINDTREE LIMITED</b> Address of Applicant :PHASE 1, GLOBAL VILLAGE, MYLASANDRA, MYSORE ROAD, BANGALORE-560 059 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) <b>Name of Inventor :</b> <b>1)HEMANTH KUMAR SANGAPPA</b> <b>2)SURESH KIRTHI KUMARASWAMY</b> <b>3)PUNEETH B. CHANDRASHEKHAR</b>
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer implemented method and system for detecting interest sections in a still image are provided. One or more sub images of the still image is subjected to segmentation. A gray scale version of interest sub images and/or a binary image version of the interest sub images are matched with a predefined template for filtering the interest sub images. Multiple prospective image sections comprising one or more of prospective interest sections and prospective near interest sections are determined by performing discriminative feature analyses of the filtered interest sub images using a gabor feature filter. The discriminative feature analyses are processed by a boosted cascade of classifiers. The boosted cascade of classifiers detects the interest sections in the still image from the prospective interest sections and the prospective near interest sections. The detected interest sections are subjected to a support vector machine classifier for further detecting interest sections.

No. of Pages : 65 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/02/2010

(21) Application No.436/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : INORGANIC OXIDE NANO MATERIALS AS ANTI-MICROBIAL AGENTS

(51) International classification	:A01N
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)VELLORE INSTITUTE OF TECHNOLOGY**

Address of Applicant :Vellore Tamil Nadu 632014 India

(72)Name of Inventor :

**1)R. VIJAYARAGHAVAN**

**2)PADMAVATHY NAGARAJAN**

(57) Abstract :

An anti-microbial composition includes a doped zinc oxide of formula Zn<sub>1-n</sub>MnO, where M is an alkali metal ion, an alkaline earth metal ion, a lanthanide metal ion, or a mixture of any two or more thereof; and n is about 0.05 to about 0.2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.438/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A METHOD AND SYSTEM FOR STEAM UTILIZATION FOR A BATCH DIGESTER HOUSE

(51) International classification	:D21C 7/00	(71) <b>Name of Applicant :</b> <b>1)ABB RESEARCH LTD</b> Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No	:NA	<b>1)SHRIKANT BHAT</b>
Filing Date	:NA	<b>2)NANDKISHOR KUBAL</b>
(87) International Publication No	: NA	<b>3)ABHIJIT BADWE</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a method of steam utilization in a batch digester house, wherein the batch digester house comprises a plurality of batch digesters. The method comprises using a first objective function to estimate preheating, heating and cooking times. The method also includes using a second objective function for estimating a suitable temperature set point profile for the operation of the batch digester at minimum energy consumption levels. The method provides the advantage of steam leveling for the batch digester house at optimum levels of operational conditions, such as energy consumption, cost of production and the like, without compromising the quality of the product. The invention also provides a method of operating a batch digester house that uses the first and second objective functions of the invention. The invention further provides a software tool that utilizes the method of steam utilization in a batch digester house. Also, the invention provides a system that utilizes the method of steam utilization in a batch digester house.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/02/2010

(21) Application No.421/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A THERMAL OVERLOAD PROTECTION SYSTEM FOR THE STARTER MOTOR OF AN IC ENGINE

(51) International classification	:F02D 45/00	(71) <b>Name of Applicant :</b> <b>1)LUCAS-TVS LIMITED</b> Address of Applicant :PADI, CHENNAI-600 050. Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) <b>Name of Inventor :</b>
(86) International Application No Filing Date	:NA	<b>1)KRISHNAVILASAM RAGHAVAN</b> <b>ANANDAKUMARAN NAIR</b> <b>2)K. SIVASUBRAMANIAN</b> <b>3)V. MOHANRAJ</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

A thermal overload protection system for the starter motor of an IC engine comprising means for sensing the temperature at the brush assembly of the said motor and for switching off or on the power supply to the starter, whenever the temperature of the heat generated at the brush assembly rises above or falls to or below a predetermined temperature, the said means providing a time delay between switching off and on states.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.448/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PORTFOLIO ASSESSMENT FRAMEWORK

	:G06Q 10/00 ;	(71) <b>Name of Applicant :</b> <b>1)UNISYS CORPORATION</b> Address of Applicant :TOWNSHIP LINE AND UNION MEETING ROADS, BLUE BELL, PA 19424 U.S.A.
(51) International classification	G06Q 40/00	(72) <b>Name of Inventor :</b> <b>1)RAVI SHANKAR IVATURI</b> <b>2)DNYANESHWAR PANDURANG BORCHATE</b>
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for identifying products suitable for right-sourcing. The method includes receiving a data set (120) related to a number of products (118). The data set includes technical attributes (122) and financial attributes (124) related to each product. Further, the method includes computing a technical score for each product by employing the technical attributes (122) related to that product. Based on the technical score, products are assembled in an ordered list, and a set of products is identified from the ordered list based on a threshold level. The method also includes computing a financial score for each product from the identified set of products by employing the financial attributes (124) associated with that product. The financial score establishes suitability of products for right-sourcing.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.456/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : THE RELATION BETWEEN R. VELMURUGAN'S SHADOW FORMULA AND EINSTEIN'S RELATIVITY FORMULA

(51) International classification

:G01B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

Let we consider two frame of reference ,out of two one is moving frame of reference ( relativity velocity) another is inertial frame of reference . The R.Velmurugan shadow experiment is performed on moving frame of reference, observations are made by an observer in inertial frame of reference . The above written facts induce me to include Einsteins relativity formulae in R.Velmurugan shadow formula.

No. of Pages : 5 No. of Claims : 3

(71)Name of Applicant :

1)R. VELMURUGAN

Address of Applicant :SENGAMEDU (VILL),  
AVINANGUDI (PO), TITTAGUDI (TK), CUDDALORE (DT.),  
PIN CODE - 606 112. Tamil Nadu India

(72)Name of Inventor :

1)R. VELMURUGAN

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7187/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DETERMINING DEGRADED INSULATING ABILITY IN INSULATION PROVIDED BETWEEN TWO OBJECTS OF AN INDUCTIVELY OPERATING ELEMENT

(51) International classification	:G01R31/12
(31) Priority Document No	:08103524.8
(32) Priority Date	:14/04/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/054053
Filing Date	:03/04/2009
(87) International Publication No	:WO 2009/144065
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB RESEARCH LTD.

Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland

(72)Name of Inventor :

1)GAFVERT, UNO

(57) Abstract :

The present invention relates to a method, device and computer program product for determining the change in insulating ability of the insulation provided between two objects of an inductively operating element (16), where at least one of the objects is a winding. The device includes an analyzing unit, which obtains a first frequency spectrum (40) associated with a frequency response to a signal of varying frequency, where the signal of varying frequency can be applied to a first object of the inductively operating element and the frequency response is obtainable from a second object of the inductively operating element, compares the obtained first frequency spectrum (40) with a second reference frequency spectrum (42), detects a peak (44) in the obtained first frequency spectrum (40) that does not appear in the second reference frequency spectrum (42), analyzes the shape of the detected peak, and determines the change in insulating ability based on the analyzed shape. Fig. 6

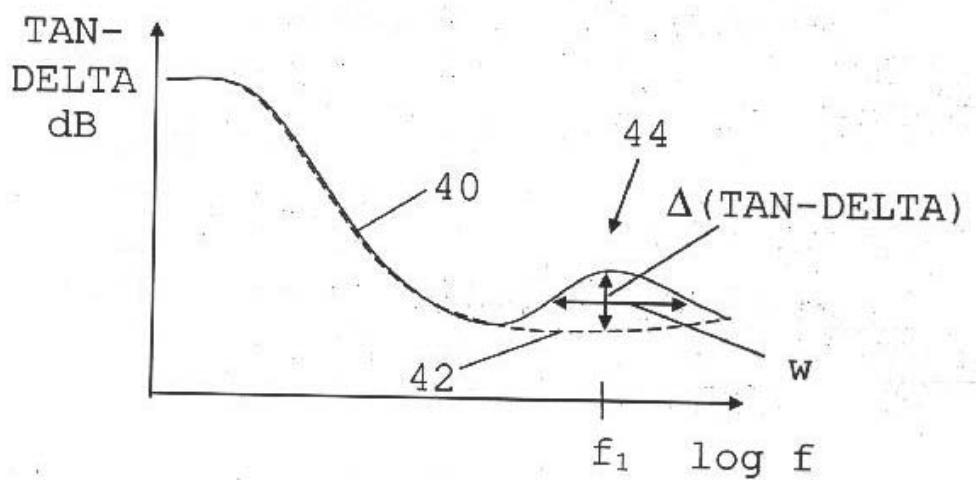


FIG. 6

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7277/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : 3-PHENYLPYRAZOLO[5,1-B]THIAZOLE COMPOUND

(51) International classification	:C07D513/04, A61K31/429, A61P1/00
(31) Priority Document No	:61/045084
(32) Priority Date	:15/04/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/JP09/057270 :09/04/2009
(87) International Publication No	:WO 2009/128383 A1
(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)EISAI R&D MANAGEMENT CO., LTD.

Address of Applicant :6-10, KOISHIKAWA 4-CHOME,  
BUNKYO-KU, TOKYO 112-8088 Japan

(72)Name of Inventor :

1)SHIBATA, HISASHI

2)SHIKATA, KODO

3)INOMATA, AKIRA

4)SHIN, KOGYOKU

5)TERAUCHI, TARO

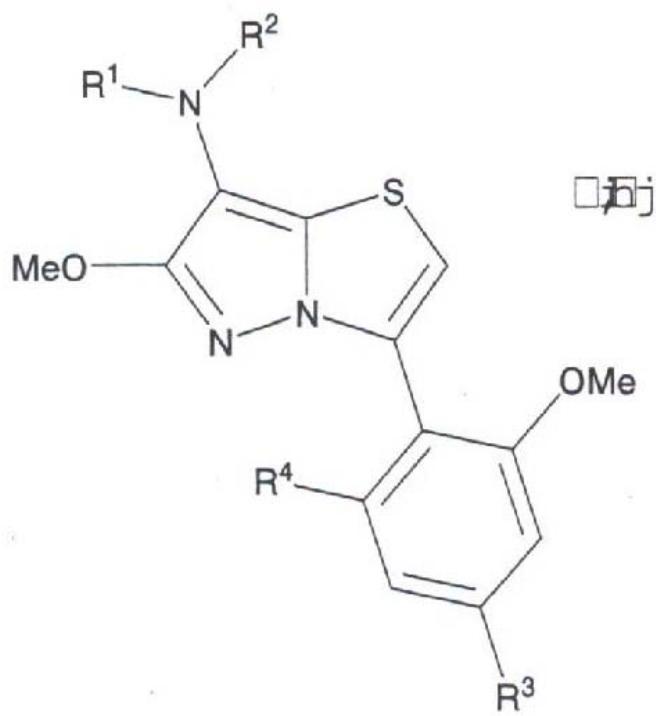
6)TAKAHASHI, YOSHINORI

7)HASHIZUME, MINAKO

8)TAKEDA, KUNITOSHI

(57) Abstract :

A compound represented by the following formula (I), or salt thereof exhibits excellent CRF receptor antagonism, and sufficient pharmacological activity, safety and pharmacokinetic properties as a drug. wherein R1 represents the formula -A11-A12; R2 represents tetrahydrofurylmethyl, tetrahydropyranylmethyl or tetrahydropyryanyl; A11 represents a single bond, methylene or 1,2-ethylene; A12 represents Cl-6 alkyl, C3-6 cycloalkyl or C3-6 cycloalkyl having methyl; R3 represents methoxy, cyano, cyclobutyloxymethyl, methoxymethyl or ethoxymethyl; and R4 represents methoxy or chlorine.



No. of Pages : 98 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/02/2010

(21) Application No.426/CHE/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PROCESS FOR PREPARING (4S, 6S)-4- (ETHYLAMINO)-5, 6-DIHYDRO-6-METHYL-4H-THIENO-[2,3-B] THIOPYRAN-2-SULFONAMIDE-7,7-DIOXIDE AND ITS INTERMEDIATES

(51) International classification	:C07D 495/00	(71) <b>Name of Applicant :</b> <b>1)MICRO LABS LIMITED</b> Address of Applicant :PLOT NO-27, RACE COURSE ROAD, BANGALORE-560 001 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA	(72) <b>Name of Inventor :</b> <b>1)SURANA, DILIP</b> <b>2)KAMBHAMPATI, PULLAIAH CHINA</b> <b>3)MADDURU, THIRUPALU REDDY</b> <b>4)ANNAPAREDDY, VENKATESWARLU</b> <b>5)GAJULA, MADHUSUDANA RAO</b> <b>6)CHELUVARAJU</b>
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

Disclosed herein is an improved process for the preparation of (4S, 6S)-4-(ethylamino)-5,6-dihydro-6-methyl-4H-thieno-[2,3-b]thiopyran-2-sulfonamide-7,7-dioxide (Dorzolamide) and its intermediates.

No. of Pages : 25 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7281/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SHAPED ARTICLES WITH BALSA WOOD AND METHOD OF PRODUCING THEM

(51) International classification

:B27N3/14

(31) Priority Document No

:08405135.8

(32) Priority Date

:15/05/2008

(33) Name of priority country

:EPO

(86) International Application No

:PCT/EP09/003316

Filing Date

:11/05/2009

(87) International Publication No

:WO 2009/138197

A1

(61) Patent of Addition to Application Number:NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)3A TECHNOLOGY & MANAGEMENT LTD.

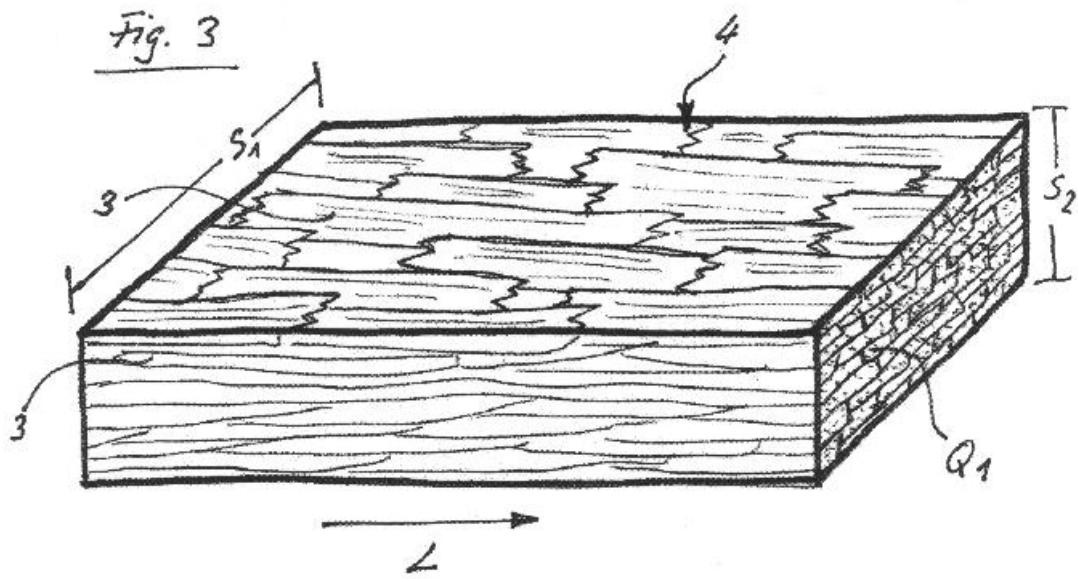
Address of Applicant :BADISCHE BAHNHOFSTR. 16, CH-8212 NUEHAUSEN AM RHEINFALL Switzerland

(72)Name of Inventor :

1)WOLF, THOMAS

(57) Abstract :

Shaped articles made of balsa veneers, balsa chips, balsa strands or balsa strips, which are oriented in the same direction according to their grain direction, and the grain direction of the individual chips deviates by  $0^\circ$  to  $30^\circ$  from the direction of the axis of the grain. The spaces of the adjacent balsa veneers, chips, strands or strips are filled with a, for example foamed, adhesive, the density of which may be the same as or close to the density of the surrounding balsa wood. Fig. 3



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7282/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : HEARING PROTECTOR

(51) International classification	:H04R1/10, A61F11/14, H04R5/033
(31) Priority Document No	:0801067-0
(32) Priority Date	:12/05/2008
(33) Name of priority country	:Sweden
(86) International Application No Filing Date	:PCT/SE09/000214 :27/04/2009
(87) International Publication No	:WO 2009/139682 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Sweden

(72)Name of Inventor :

1)SJOMAN, HENRIK

2)HAKANSSON, JOHAN

(57) Abstract :

A hearing protector has two closed muffs (2) which sealingly abut against the wearers head, so that there is formed a closed space in each muff (2) and about the users ear. A loudspeaker (4) is disposed interiorly in the muff and has a membrane (5) whose one side is turned to face towards the users ear, and whose opposing side is turned to face towards a closed volume which is defined by the membrane and an enclosure. In order to improve the base reproduction in listening to music, the interior of the enclosure is, via at least one hole or one duct, in communication with the ambient surroundings outside the closed space of the muff (2). In one preferred embodiment, the enclosure comprises a capsule (7) which is integrated part of the loudspeaker (4). Publication figure: Fig. 1

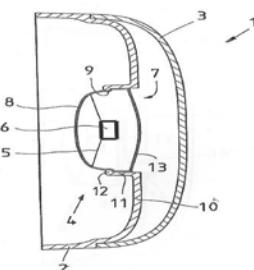


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7283/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SEMI-STATIC BEAMFORMING METHOD AND APPARATUS THEREOF

(51) International classification	:H04B7/04, H04B7/08
(31) Priority Document No	:08290467.3
(32) Priority Date	:16/05/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP09/055591 :08/05/2009
(87) International Publication No	:WO 2009/138362 A1
(61) Patent of Addition to Application Number:NA Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)ALCATEL LUCENT

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(72)Name of Inventor :

1)TANGEMANN, MICHAEL

(57) Abstract :

A beamforming method in a base station for a mobile communication system, the communication system comprising at least a cell, the method comprising the steps of: covering at least a portion of the cell with a broadcast beam; assigning a streaming beam for each active mobile station on the portion of the cell, if a number of active mobile station on the portion is smaller than a first threshold, wherein a direction of the beams is adjusted according to a position of the active mobile stations. The method further comprises selecting a group of active mobile stations by obtaining at least two active mobile stations with a closest angular distance of all possible pairs of active mobile stations and assigning a single streaming beam to the group of active mobile station, if the number of active mobile stations is bigger than the first threshold. (Fig. 1)

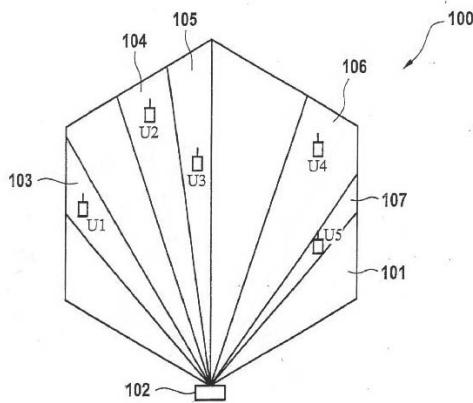


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7289/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DISPOSABLE FILLING APPARATUS

(51) International classification	:B65B3/30, B65B3/36, B65B39/00
(31) Priority Document No	:102008001204.1
(32) Priority Date	:16/04/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/051766 :16/02/2009
(87) International Publication No	:WO 2009/127454 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :POSTFACH 30 02 20, 70442  
STUTTGART Germany

(72)Name of Inventor :

**1)MUELLER, FRANK**

**2)BRAEUNINGER, MARC**

**3)MAYER, WERNER**

(57) Abstract :

The present subject matter relates to a disposable filling apparatus (1) for filling of a defined amount of a product (10) in a container (7). The disposable filling apparatus (1) includes a bag (2) made from a flexible material that is filled with the product (10) to be filled, a filling needle (3), a tube (4) connecting the bag (2) to the filling needle (3), and a shut-off valve (5) disposed on the tube (4) to release or shut-off a through-flow through the tube (4). The bag (2), the filling needle (3), and the tube (4) form one structural unit, which is configured as a disposable article. Fig. 1

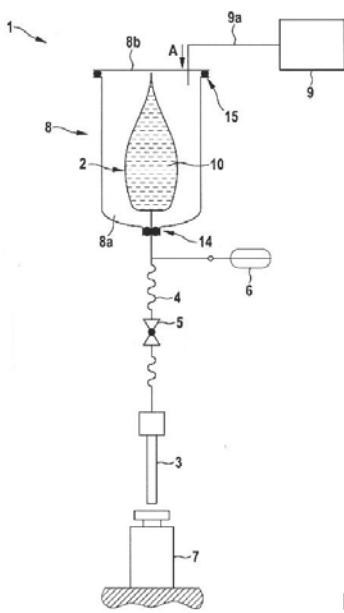


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7291/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR THE CONTINUOUS CASTING OF A METAL STRAND

(51) International classification	:B22D11/22
(31) Priority Document No	:A815/2008
(32) Priority Date	:21/05/2008
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP09/054776
Filing Date	:22/04/2009
(87) International Publication No	:WO 2009/141205
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS VAI METALS TECHNOLOGIES GMBH  
Address of Applicant :TURMSTRASSE 44, 4031 LINZ  
Austria

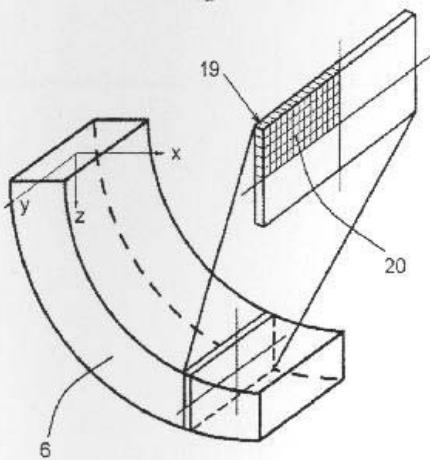
(72)Name of Inventor :

1)KURT DITTBENGER

(57) Abstract :

The invention relates to a method for the continuous casting of a metal strand, in particular a steel strand, in a continuous casting plant, wherein a strand having a liquid core enclosed by a strand shell is withdrawn from a cooled in-line mold, supported in a strand support device downstream of the mold and cooled using a coolant, wherein thermodynamic state changes of the entire strand are calculated in a mathematical simulation model. It is an object of the invention to provide a method with which the accuracy of the stimulation of the thermodynamic state changes of the entire strand can be increased and, in conjunction with the strand cooling, the product quality of the metal strand and the productivity of the continuous casting process can be improved. This object is achieved by a method in which a three-dimensional thermal conduction equation is solved numerically in real time in the mathematical simulation model and the cooling of the strand is adjusted while taking the calculated state changes into account. Fig. 2

2/2  
Fig. 2



No. of Pages : 27 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2010

(21) Application No.7353/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR A TESSELLATION ENGINE USING A GEOMETRY SHADER

(51) International classification	:G06F15/16
(31) Priority Document No	:61/056,936
(32) Priority Date	:29/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/003215
Filing Date	:27/05/2009
(87) International Publication No	:WO 2009/145889 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ADVANCED MICRO DEVICES, INC.

Address of Applicant :ONE AMD PLACE, SUNNYVALE, CA 94088 U.S.A.

(72)Name of Inventor :

1)GOEL, VINEET

(57) Abstract :

A method, system, and computer program product are disclosed for providing tessellated primitive data to a geometry shader. The method comprises computing a set of tessellated vertices and a computed set of connectivity data based on an original set of vertices and an original set of connectivity data, generating computed vertex data based on the original set of vertices and the set of tessellated vertices, receiving the computed set of connectivity data, requesting a subset of the computed vertex data based on the computed set of connectivity data, and processing primitives defined by the subset of the computed vertex data. The system and computer program product are further disclosed for accomplishing a similar result as the aforementioned method. FIG.3

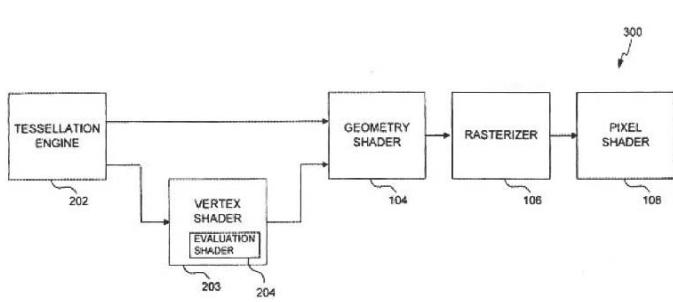


FIG. 3

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2010

(21) Application No.7354/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PROGUANIL TO TREAT SKIN/MUCOSAL DISEASES

(51) International classification	:A61K9/00, A61K31/155, A61P17/00
(31) Priority Document No	:61/051,812
(32) Priority Date	:09/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/002879 :08/05/2009
(87) International Publication No	:WO 2009/137100 A2
(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 :701 CENTRE AVENUE, FORT COLLINS, CO 80526 U.S.A.

(72)Name of Inventor :

1)GODOWSKI, KENNETH

(57) Abstract :

Proguanil has been found to have rapid and effective killing activity against a variety of disease-causing micro-organisms. For example, when applied topically, proguanil is particularly effective against Propionibacterium acnes, a bacteria that causes acne; Corynebacterium minutissimum, a bacteria that causes erythrasma, Gardnerella vaginalis, a bacteria that causes vaginosis; Trichomonas vaginalis, a protozoan that causes trichomoniasis and C. albicans, a fungus (a form of yeast). FIG.1

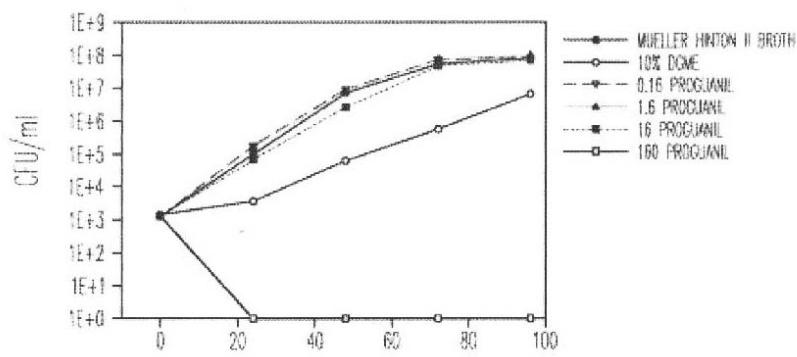


Fig.1

No. of Pages : 78 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2010

(21) Application No.7355/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : REDUNDANCY METHODS AND APPARATUS FOR SHADER COLUMN REPAIR

(51) International classification	:G09G5/00
(31) Priority Document No	:61/057,513
(32) Priority Date	:30/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/003314
Filing Date	:01/06/2009
(87) International Publication No	:WO 2009/145916 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ADVANCED MICRO DEVICES, INC.

Address of Applicant :ONE AMD PLACE, SUNNYVALE,  
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(72)Name of Inventor :

1)MANTOR, MICHAEL, J.

2)BRADY, JEFFREY, T.

3)SOCARRAS, ANGEL, E.

(57) Abstract :

A method and apparatus for shader data repair utilizing a Redundant Shader Switch (RSS). The RSS consists of an input and output section whereby when a defective shader pipe is detected, the RSS multiplexes shader pipe data destined to the defective shader pipe to a redundant shader pipe array for processing. Once processed, the shader pipe data is multiplexed back to the RSS where the processed shader pipe data is directed to the corresponding output column of the RSS. The RSS contains delay pipes used to re-align and synchronize the repaired shader pipe data with output export data. FIG.1

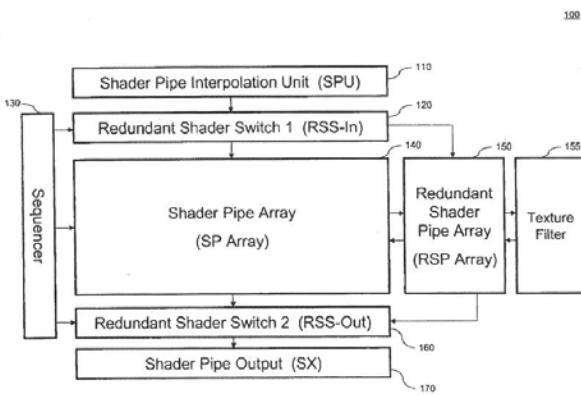


FIG. 1

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2010

(21) Application No.7423/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : FILLING AND SEALING MACHINE FOR CONTAINERS

(51) International classification	:B65B3/00, B65B43/46, B65B65/00
(31) Priority Document No	:10 2008 001 287.4
(32) Priority Date	:21/04/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/053850 :01/04/2009
(87) International Publication No	:WO 2009/130112 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

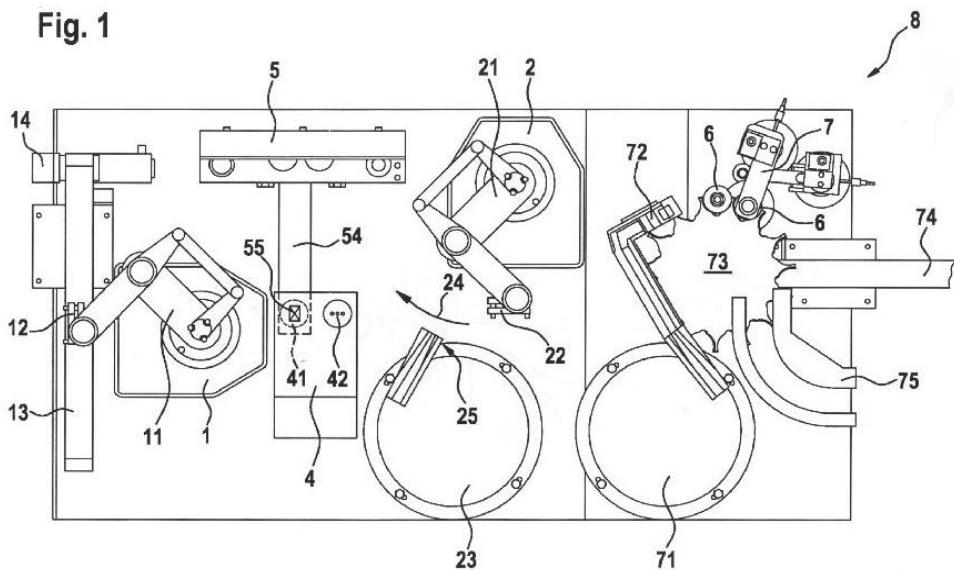
1)BLUMENSTOCK, KLAUS

2)MON, MICHAEL

(57) Abstract :

The present subject matter relates to a filling and a sealing machine (8, 9) for containers (6). The filling and sealing machine (8, 9) includes a first handling station (1) with a first robot arm (11); a second handling station (2) with a second robot arm (21); and a first stationary treatment station (4). The first robot arm (11) transports the containers (6) to the first stationary treatment station (4), the second robot arm (21) transports the containers (6) from the first treatment station (4) to a subsequent station (7), and at least one treatment step is carried out in the first stationary treatment station (4). According to the present subject matter, the second handling station (2) includes a sealing device, in order to seal the container (6) during the transport of the container (6) to the subsequent station (7). Fig. 1

Fig. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2010

(21) Application No.7424/CHENP/2010 A

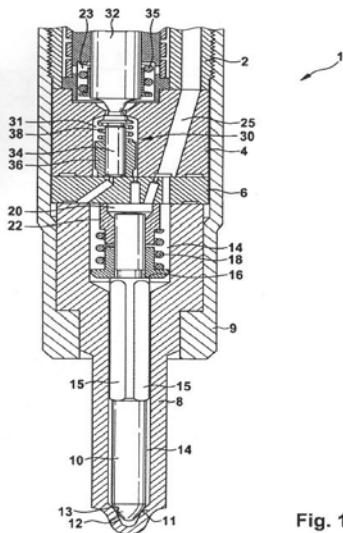
(43) Publication Date : 26/08/2011

(54) Title of the invention : FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES

(51) International classification	:F02M47/02, F02M63/00	(71)Name of Applicant : <b>1)ROBERT BOSCH GMBH</b> Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART Germany
(31) Priority Document No	:102008001330.7	
(32) Priority Date	:23/04/2008	
(33) Name of priority country	:Germany	
(86) International Application No	:PCT/EP2009/051244	(72)Name of Inventor : <b>1)GRUENBERGER, ANDREAS</b>
Filing Date	:04/02/2009	
(87) International Publication No	:WO 2009/130065 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a fuel injection valve (1) for an internal combustion engine for injecting fuel under high pressure. The fuel injection valve (1) includes a nozzle needle (10) interacting with a nozzle seat (13) by longitudinal movements for opening and closing at least one injection opening (12). The nozzle needle (10) is subjected to a closing force directed toward the direction of the nozzle seat (13) by means of the pressure in a control chamber (20). The fuel injection valve (1) further includes a control valve (30) configured in a valve body (4). The control valve (30) adjusts the pressure in the control chamber (20). The control valve (30) includes a control valve chamber (31) connected to the control chamber (20) and a control valve member (34, 34, 34) disposed in the control chamber (20) in a longitudinally movable manner. The control valve member (34, 34, 34) opens and closes a connection of the control valve chamber (31) to a leakage oil chamber (23) by longitudinal movement. Furthermore, the control valve member (34, 34, 34) is enclosed by the pressure in the control valve chamber (31) and is configured in such a way that none or only very low resultant hydraulic force acts on the control valve member (34, 34, 34) in the direction of longitudinal movement by the pressure in the control valve chamber (31), when the control valve member (34, 34, 34) closes the connection of the control valve chamber (31) to the leakage oil chamber (23).



**Fig. 1**

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2010

(21) Application No.7427/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DEFINING, DISTRIBUTING AND PRESENTING DEVICE EXPERIENCES

(51) International classification	:G06F15/16, G06F21/00, H04L9/32
(31) Priority Document No	:12/130,328
(32) Priority Date	:30/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/042630 :01/05/2009
(87) International Publication No	:WO 2009/148742 A8
(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)POTTIER, MARC  
3)DEBACKER, GABRIEL S  
4)RUNDLE, MITCHELL K  
5)FLANAGAN, DENNIS, EDWARD  
6)GOLDSTEIN, ROBIN L  
7)BALL, STEVEN J

(57) Abstract :

Platforms and techniques for defining, authorizing/authenticating, distributing, and presenting dynamic device experiences using a number of hierarchically-related, declarative language data structures, such as extensible markup language (XML) elements or attributes. A dynamic device experience is presented when two electronic devices are in communication via a communication medium. The data structures are processed to present a graphical user interface to a user--the graphical user interface implements a dynamic device experience associated with the other electronic device. In one exemplary scenario, independent hardware vendors (IHVs) author XML documents that include device experience information (such as branding or advertising information, access to Web services or applications, and access to device functionality), in the form of items of data stored in the data structures. The XML documents are verified against a predetermined schema, secured using a cryptographic technique such as a digital signature, and discovered/distributed in flexible, tamper-resistant manners. FIG. 3

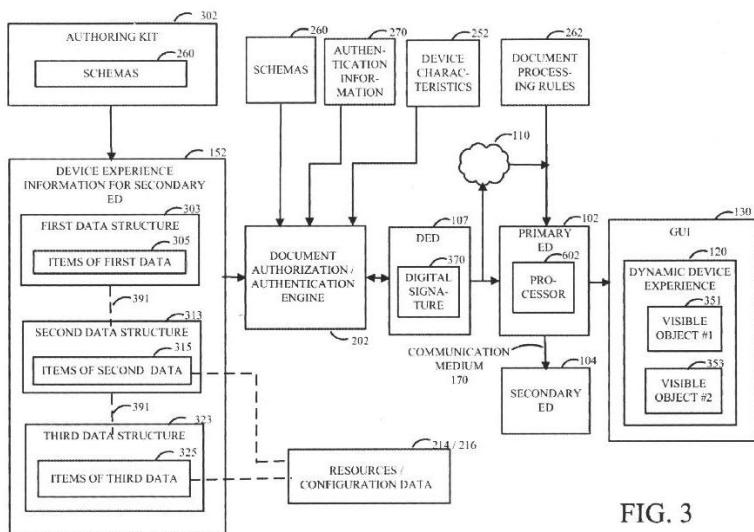


FIG. 3

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2010

(21) Application No.7520/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification	:G02F/1343
(31) Priority Document No	:2008-162464
(32) Priority Date	:20/06/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP09/056353 :27/03/2009
(87) International Publication No	:WO 2009/154031 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,  
OSAKA-SHI, OSAKA 545-8522 Japan

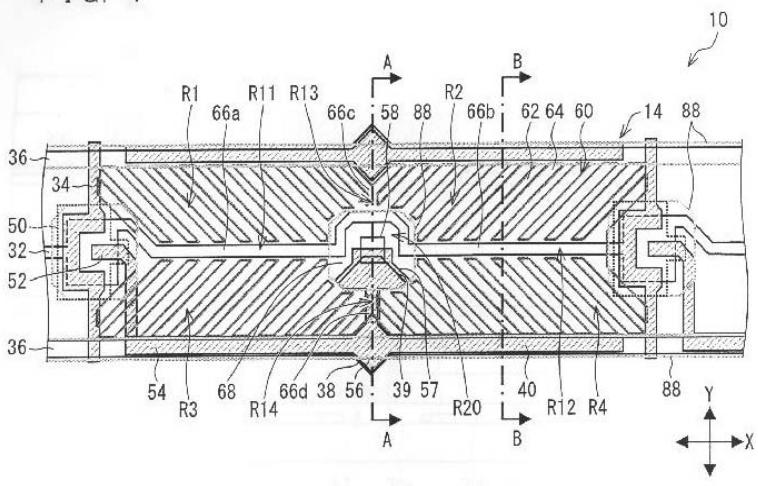
(72)Name of Inventor :

- 1)MORINAGA, JUNICHI
- 2)ASADA, KATSUSHIGE
- 3)YOSHIDA, MASAHIRO
- 4)FUJIKAWA, TETSUYA
- 5)MIKUMO, KATSUHIRO
- 6)MAENO, KUNIKO
- 7)ITOH, RYOHKI
- 8)HORIUCHI, SATOSHI
- 9)SAITO, TATSUJI
- 10)OGASAWARA, ISAO
- 11)TANIMOTO, KAZUNORI
- 12)OKADA, KATSUHIRO
- 13)FUJIHARA, TOSHIAKI
- 14)TOMINAGA, MASAKATSU

(57) Abstract :

Each of picture elements (14) has a plurality of alignment regions (R1, R2, R3, and R4), in each of which liquid crystal molecules contained in a liquid crystal layer are aligned in a direction that is different from those in the others of the plurality of alignment regions. Each of a plurality of scanning signal lines (32) and a border region (R11 and R12) between corresponding adjacent ones of the plurality of alignment regions (R1, R2, R3, and R4) at least partially overlap each other when viewed from above. FIG.1

F I G. 1



No. of Pages : 84 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7197/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : STRUCTURAL FOAM AND MANUFACTURE THEREOF

(51) International classification	:B29C44/56, B29C44/58, C08J9/00
(31) Priority Document No	:0806816.5
(32) Priority Date	:15/04/2008
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB09/000704 :16/03/2009
(87) International Publication No	:WO 2009/127803 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)GURIT (UK) LTD.

Address of Applicant :ST CROSS BUSINESS PARK,  
NEWPORT, ISLE OF WIGHT PO30 5WU U.K.

(72)Name of Inventor :

1)SIMARD, YAN

2)ERIC LALANCETTE, ERIC

3)JONES, DANIEL, THOMAS

(57) Abstract :

A method of manufacturing a foam body having an anisotropic cell structure, the method comprising the steps of: expanding a polymer at an elevated temperature to form an initial foam body; and cooling the initial foam body under a negative pressure. There is also provided a method of manufacturing a foam body having an anisotropic cell structure, the method comprising the steps of: (a) in a first expansion step, expanding a foamable polymer composition substantially isotropically to form an initial foam body having an isotropic cell structure; and (b) in a second expansion step, expanding the initial foam body anisotropically in a selected direction under a negative pressure which applies an expanding force in the selected direction to provide a final foam body having an anisotropic cell structure. Apparatus for the methods are also disclosed. [Figure 4]

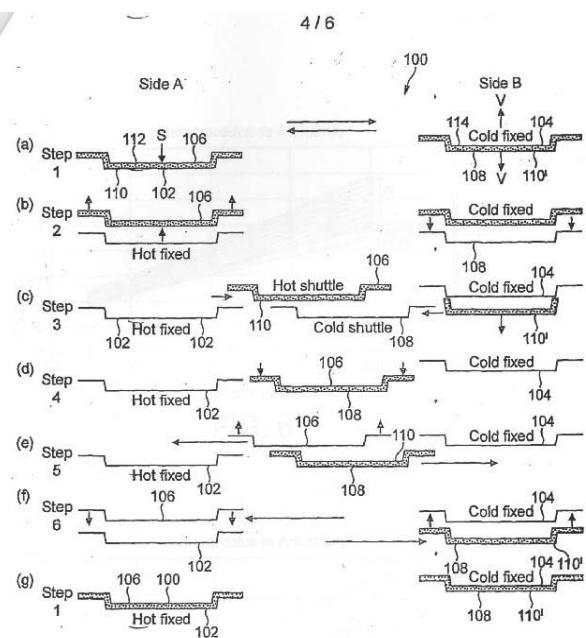


FIG. 4

No. of Pages : 37 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/11/2010

(21) Application No.7464/CHENP/2010 A

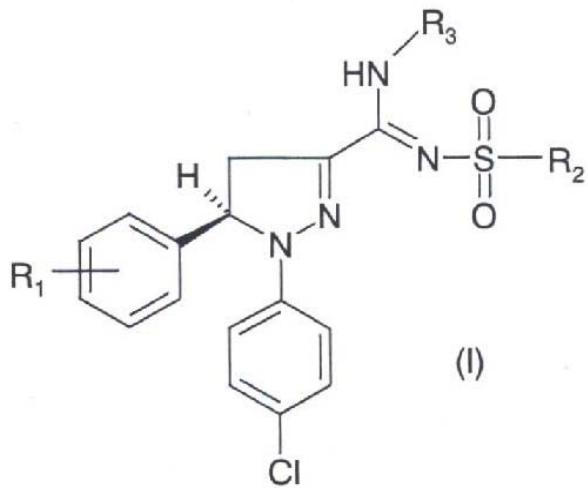
(43) Publication Date : 26/08/2011

(54) Title of the invention : (5R)-1, 5-DIARYL-4,5-DIHYDRO-1H-PYRAZOLE-3-CARBOXAMIDINE DERIVATIVES HAVING CB1-ANTAGONISTIC ACTIVITY

(51) International classification	:C07D401/12, C07D403/12, A61K31/454	(71) <b>Name of Applicant :</b> <b>1)ABBOTT HEALTHCARE PRODUCTS B.V.</b> Address of Applicant :C.J. VAN HOUTENLAAN 36, NL-1381 CP WEEESP Netherlands
(31) Priority Document No	:08155009.7	(72) <b>Name of Inventor :</b>
(32) Priority Date	:23/04/2008	<b>1)LANGE, JOSEPHUS, H., M.,</b>
(33) Name of priority country	:EPO	<b>2)DEN HARTOG, ARNOLD, P.</b>
(86) International Application No Filing Date	:PCT/EP09/054788 :22/04/2009	<b>3)VAN VLIET, BERNARD, J.</b>
(87) International Publication No	:WO 2009/130234 A1	
(61) Patent of Addition to Application Number:NA Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

This invention concerns (5R)-1,5-diaryl-4,5-dihydro-1H-pyrazole-3-carboxamidine derivatives as cannabinoid-CB1 receptor antagonists, methods for the preparation of these compounds, novel intermediates useful for the synthesis of said dihydropyrazole derivatives, methods for the preparation of these intermediates, pharmaceutical compositions containing one or more of these dihydropyrazole derivatives as active ingredient, as well as the use of these pharmaceutical compositions for the treatment of psychiatric and neurological disorders involving cannabinoid receptors. The compounds have the formula (I): wherein the symbols have the meanings given in the specification.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7549/CHENP/2010 A

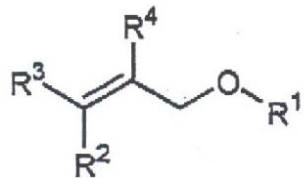
(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR PRODUCING VINYL ETHER COMPOUND

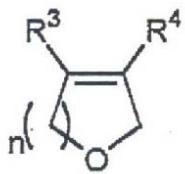
(51) International classification	:C07D307/28, C07B61/00, C07C41/32	(71)Name of Applicant : <b>1)KURARAY CO., LTD.</b> Address of Applicant :1621, SAKAZU, KURASHIKI-SHI, OKAYAMA 710-8622. Japan
(31) Priority Document No	:2008-119969	(72)Name of Inventor :
(32) Priority Date	:01/05/2008	<b>1)FUJI, JUNICHI</b>
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2009/058570	
Filing Date	:01/05/2009	
(87) International Publication No	:WO 2009/133950	
A1		
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a method for producing a vinyl ether compound, characterized in that the method includes isomerizing an allyl ether compound represented by formula (I) or (II): (wherein R1 represents a C1 to C6 alkyl group; each of R2, R3, and R4 independently represents a hydrogen atom, a C1 to C6 alkyl group, or a C3 to C6 alkenyl group; and n is 1 or 2) in the presence of hydrogen, a monodentate tris(ortho- substituted aryl) phosphite, and a rhodium compound. The vinyl ether compound is useful as a raw material, an intermediate, etc. for producing pharmaceuticals, agrochemicals, polymers, etc.



( I )



(II)

No. of Pages : 54 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7550/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR OPERATING ELECTRICAL CONSUMERS IN A BUILDING

(51) International classification	:G05B19/042
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/055197
Filing Date	:28/04/2008
(87) International Publication No	:WO 2009/132694
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)INGERSOLL RAND SECURITY TECHNOLOGIES  
Address of Applicant :11819, NORTH PENNSYLVANIA  
STREET, CARMEL, INDIANA 46032. U.S.A.

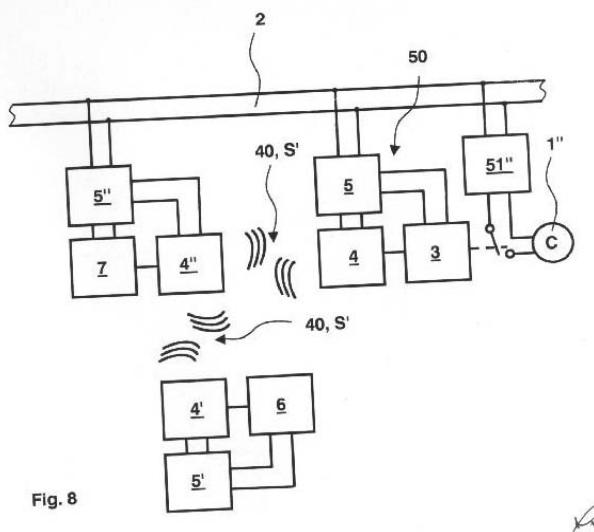
2)INVENTIO AG

(72)Name of Inventor :

1)GERSTENKORN, BERNHARD

(57) Abstract :

Method for switching electrical consumers in a building comprising an elevator system A method is provided for switching at least one electrical consumer (1, 1') in a building comprising an elevator system. The switched electrical consumer (1) is, for example, a camera. The camera is activated if when using the elevator system the user does not actuate a building door within an ascertained route time, i.e. the user does not arrive at his/her destination. It is possible using an image recorded by the camera to establish whether the user is possibly in a dangerous situation. (Fig. 8)



No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7551/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PRESSURE SENSOR

	:G01L7/08,
(51) International classification	G04B47/06,
	G04G1/04
(31) Priority Document No	:08155390.1
(32) Priority Date	:29/04/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/054677
Filing Date	:20/04/2009
(87) International Publication No	:WO 2009/132983
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD**

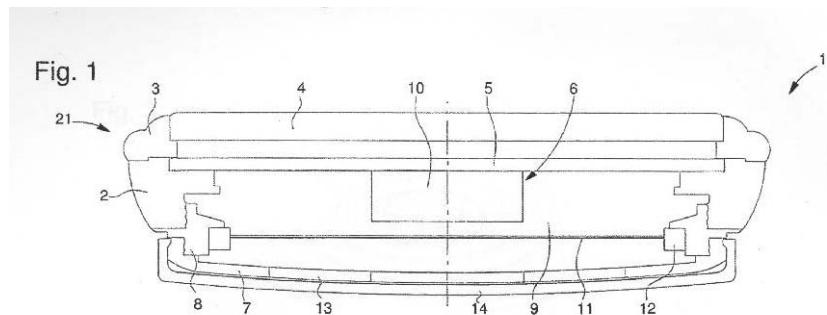
Address of Applicant :RUE DES SORS 3, 2074 MARIN Switzerland

(72)Name of Inventor :

**1)WINCKLER, YVES  
2)MEYLAN, FREDERIC  
3)GRUPP, JOACHIM**

(57) Abstract :

The invention relates to a pressure sensor (6). This pressure sensor (6) comprises a flexible membrane (11) cooperating with a transmission device (10) that enables a value representing the pressure to be supplied on the basis of the deformation of said membrane (11). The membrane (11) is made from an at least partially amorphous material in order to optimise the dimensions of said sensor (6). Figure 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7279/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PACKAGING LID-FILM, RECEPTACLE, PACKAGING AND PACKAGING-PRODUCT-UNIT

(51) International classification	:B32B15/08, B32B15/20, B65D77/20
(31) Priority Document No	:10 2008 023 952.6
(32) Priority Date	:16/05/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/003391 :13/05/2009
(87) International Publication No	:WO 2009/138218 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AMCOR FLEXIBLES KREUZLINGEN LTD.

Address of Applicant :FINKERNSTRASSE 34, CH-8280  
KREUZLINGEN Switzerland

(72)Name of Inventor :

1)PASBRIG, ERWIN

(57) Abstract :

The invention relates to a packaging lid-film (10,10A, 10B,20,20A,20B) for sealing receptacles (30), in particular receptacles accommodating aggressive substances as contents, having an outer-lying protective layer arrangement (2) and an outer-lying barrier function layer arrangement (1), which exhibits the following barrier function layer arrangement (1): - at least one aluminium layer (3), - at least one non-metallic functional layer. Thereby in accordance with the invention the non-metallic functional layer is a plastic functional layer (5). (Fig. 3)

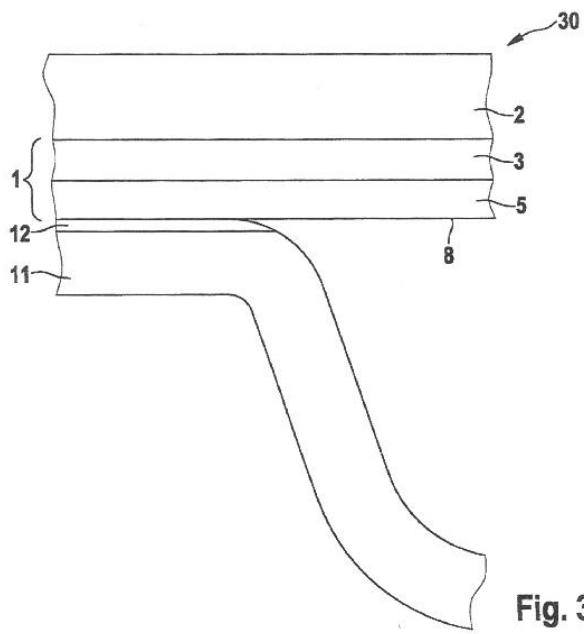


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/11/2010

(21) Application No.7310/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PROCESS FOR SULFURIZATION OR PRESULFURIZATION OF SOLID PARTICLES OF A CATALYST OR AN ADSORBENT

(51) International classification	:B01D53/64, B01J8/16, B01J8/18	(71) <b>Name of Applicant :</b> <b>1)EURECAT S.A.</b> Address of Applicant :QUAI JEAN JAURES, BP 45, 07800 LA VOUTTE SUR RHONE France
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)DUFRESNE, PIERRE</b>
(33) Name of priority country	:NA	<b>2)LABRUYERE, FRANCK</b>
(86) International Application No	:PCT/FR08/000695	<b>3)MEENS, MAXIME</b>
Filing Date	:16/05/2008	
(87) International Publication No	:WO 2009/138577 A1	
(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 process for incorporating sulfur in the porosity of the solid particles of a catalyst for the conversion of hydrocarbons or an adsorbent. This process is carried out off-site in the presence of hydrogen sulfide that is pure or diluted in hydrogen or nitrogen, a process in which said particles are made to rise or fall in a sulfur incorporation zone that comprises at least one vibratory helical coil that is essentially tubular in shape and that comprises at least two turns, whereby said particles are subjected to a temperature profile over the majority of their path in said coil and whereby said particles are brought into contact with at least one fluid on at least one portion of their path. Figure 1 to be published.

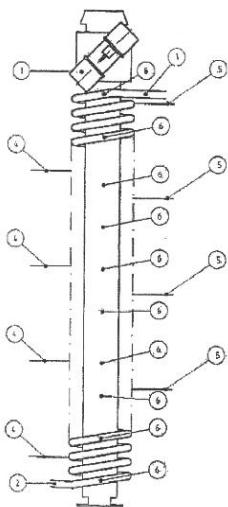


Figure 1: Diagram of a Vibrating Rising-Type Reactor

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2010

(21) Application No.7537/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : UREA COMPOUNDS AS GAMMA SECRETASE MODULATORS

(51) International classification	:C07D213/40, C07D213/61, C07D401/12
(31) Priority Document No	:61/126,480
(32) Priority Date	:05/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/042711 :04/05/2009
(87) International Publication No	:WO 2009/137404 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)AMGEN INC.

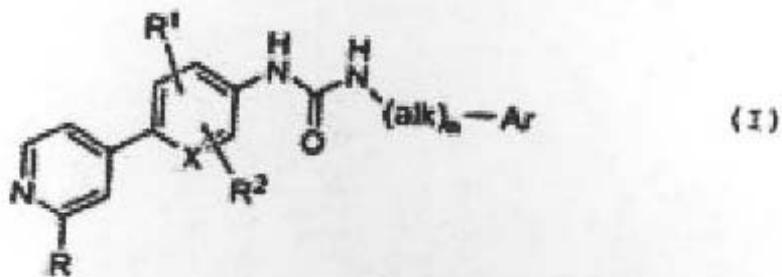
Address of Applicant :ONE AMGEN CENTER DRIVE,  
THOUSAND OAKS, CA 91320-1799 U.S.A.

(72)Name of Inventor :

- 1)BISWAS, KAUSTAV
- 2)CHEN, JIAN J.
- 3)FALSEY, JAMES, RICHARD
- 4)GORE, VIJAY, KESHAV
- 5)LIU, QINGYIAN
- 6)MA, VU, VAN
- 7)MERCEDE, STEPHANIE, J.
- 8)RZASA, ROBERT, M.
- 9)TEGLEY, CHRISTOPHER M.
- 10)ZHU, JIAWANG

(57) Abstract :

The present invention provides compounds that are gamma secretase modulators and are therefore useful for the treatment of diseases treatable by modulation of gamma secretase such as Alzheimers disease. Also provided are pharmaceutical compositions containing such compounds and processes for preparing such compounds.



No. of Pages : 114 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7560/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PAD PRINTING MACHINE

(51) International classification	:B41F17/00
(31) Priority Document No	:10 2008 029 299.0
(32) Priority Date	:19/06/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/IB2009/052589
Filing Date	:17/06/2009
(87) International Publication No	:WO 2009/153744
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ITW MORLOCK GMBH

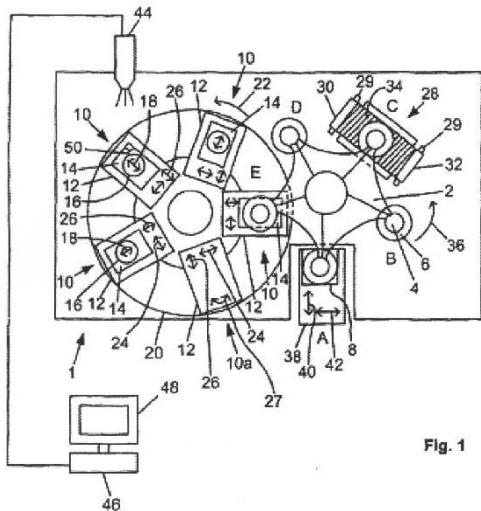
Address of Applicant :LISE-MEITNER-STRASSE 9, 72280 DORNSTETTEN Germany

(72)Name of Inventor :

1)VOGT, UDO

(57) Abstract :

A pad printing machine (1) to print an object (8) in at least two stages, said machine comprising at least one printing pad (6) to print said object and at least two printing plate zones (10) within each of which a printing plate (14) may be moved into the desired position, the pad printing machine furthermore comprising an image recorder (44) generating an image of at least a partial area of at least one printing plate zone (10), and a comparator (46) to compare the image generated by said recorder (44) with reference data. FIG.1



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7561/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PAD PRINTING MACHINE

(51) International classification	:B41F17/00
(31) Priority Document No	:10 2008 029 300.8
(32) Priority Date	:19/06/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/IB2009/052588
Filing Date	:17/06/2009
(87) International Publication No	:WO 2009/153743
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ITW MORLOCK GMBH

Address of Applicant :LISE-MEITNER-STRASSE 9, 72280 DORNSTETTEN Germany

(72)Name of Inventor :

1)VOGT, UDO

(57) Abstract :

A pad printing machine (1) comprising at least one pad holder (4) and an object carrier (28) which is positionally displaceably relative to the pad holder (4) and is designed to receive one or more objects (8), where said pad printing machine further comprises a setup print image receiving element (48) at a fixed distance from the object carrier (28), further an image recorder (46) to generate an image of at least one zone of the setup print image receiving element (48), a position deviation detector (56) ascertaining the deviation of the actual position of a print image situated on the print image receiving element (48) from a reference position defined by reference data, and a position shift ascertaining element (60) to ascertain the shift of the object carrier (28) relative to a reference position, as well as a method for printing objects (8) using a pad printing machine (1).

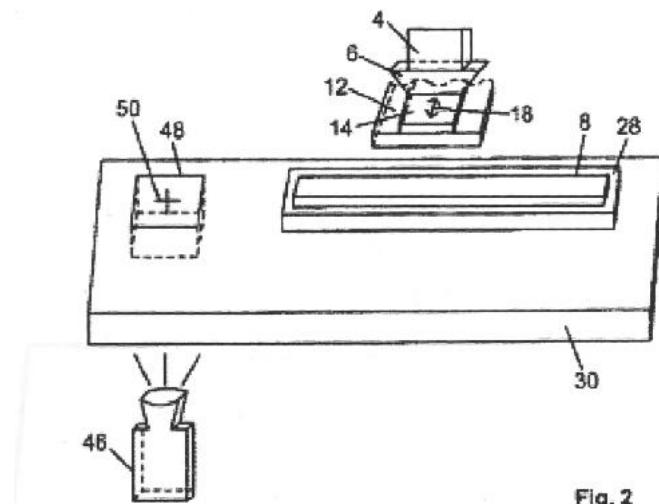


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :17/02/2010

(21) Application No.401/CHE/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING A SEGMENT BASED DIFFERENTIATED CUSTOMER EXPERIENCE SOLUTION

(51) International classification	:G06Q 30/00 ; G06Q 40/00	(71) <b>Name of Applicant :</b> <b>1)INFOSYS TECHNOLOGIES LIMITED</b> Address of Applicant :PLOT NO. 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560100 Karnataka India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)RAJASHEKARA V MAIYA</b>
(33) Name of priority country	:NA	<b>2)CHANDRAMOULI KUNDAGRAMI</b>
(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 :

A method for providing a segment based differentiated customer service solution. The method comprises a step of first receiving information about online status of a customer. The method includes providing one or more personalized offers based on the received information. Further, a remote financial advisor application for facilitating interaction between the customer and an advisor in an advisement session is invoked and financial analysis related to the purchase of one or more personalized offers is provided to the customer. The purchase of the personalized offer is then provisioned which comprises completing transaction details for the purchase. The method also includes facilitating the provision of real-time advice to the customer through a remote advisement session.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.452/CHE/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : DUAL POLARIZATION LIDAR SYSTEM

(51) International classification	:G01S 17/88	(71) <b>Name of Applicant :</b> <b>1)DEPARTMENT OF SPACE</b> Address of Applicant :INDIAN SPACE RESEARCH ORGANISATION (ISRO), HEADQUARTERS, AN INDIAN GOVERNMENT ORGANIZATION, ANTARIKSH BHAVAN, NEW B.E.L ROAD, BANGALORE-560 094. Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present description discloses a LIDAR system (100). The Lidar system (100) comprises a transmitter subsystem (102) that transmits a laser beam, a receiver subsystem (104) coupled to the transmitter subsystem (102) in a biaxial configuration and a signal acquisition unit (306). The receiver subsystem (104) has a variable Field Of View (FOV). The receiver subsystem (104) further comprises an optical tube assembly (206), a field adjuster (212) and a plurality of light converters (220). The optical tube assembly (206) collects a backscattered laser beam. The field adjuster (212) is used to adjust the FOV of the receiver subsystem (104) and direct the backscattered laser beam towards the light converters (220). The light converters (220) convert the directed backscattered laser beam into electric signals. The electric signals from each light converter (220) are processed by the signal acquisition unit (306) using a combination of an analog detector (418) and a photon counter (420).

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.458/CHE/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AN EXTRUDER SYSTEM FOR MANUFACTURE OF REINFORCED THERMOPLASTICS AND A METHOD THEREOF

(51) International classification	:B29C 47/00 ;	(71)Name of Applicant : <b>1)STEER ENGINEERING PRIVATE LIMITED</b> Address of Applicant :290, 4TH MAIN, 4TH PHASE, PEENYA INDUSTRIAL AREA, BANGALORE-560 058. Karnataka India
(31) Priority Document No	:NA	(72)Name of Inventor : <b>1)BABU PADMANABHAN</b>
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An extruder system for manufacturing reinforced thermoplastic is disclosed. The extruder system comprising a polymer compounding extruder configured for forming a thermoplastic melt and compounding the thermoplastic melt with processed biomass and at least one biomass processing extruder. The biomass processing extruder is a co-rotating twin screw extruder configured for removing moisture and achieving particle size reduction of the biomass for reinforcement of thermoplastic. The output of the biomass processing extruder directly connected to an inlet in the thermoplastic compounding extruder.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2010

(21) Application No.6493/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : QUINAZOLINE DERIVATIVES AS RAF KINASE MODULATORS AND METHODS OF USE THEREOF

(51) International classification	:C07D239/88
(31) Priority Document No	:61/069,763
(32) Priority Date	:17/03/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/001659
Filing Date	:17/03/2009
(87) International Publication No	:WO 2009/117080
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

**(71)Name of Applicant :**

**1)AMBIT BIOSCIENCES CORPORATION**

Address of Applicant :4215 SORRENTO VALLEY BOULEVARD, SAN DIEGO, CA 92121 U.S.A.

**(72)Name of Inventor :**

**1)ABRAHAM, SUNNY**

**2)BHAGWAT, SHRIPAD**

**3)CAMPBELL, BRAIN, T.**

**4)CHAO, QI**

**5)FARAONI, RAFFAELLA**

**6)HOLLADAY, MARK, W**

**7)LAI, ANDILLIY, G.**

**8)ROWBOTTOM, MARTIN, W**

**9)SETTI, EDUARDO**

**10)SPRANKLE, KELLY, G.**

---

**(57) Abstract :**

Compounds, compositions and methods are provided for modulating the activity of RAF kinases, including BRAF kinase and for the treatment, prevention, or amelioration of one or more symptoms of disease or disorder mediated by RAF kinases.

No. of Pages : 485 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/11/2010

(21) Application No.7345/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : ARC DETECTOR AND ASSOCIATED METHOD FOR DETECTING UNDESIRED ARCS

(51) International classification	:H02H1/00, H02H7/055
(31) Priority Document No	:08154884.4
(32) Priority Date	:21/04/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP09/054727 :21/04/2009
(87) International Publication No	:WO 2009/130210 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB RESEARCH LTD.

Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050  
ZURICH Switzerland

(72)Name of Inventor :

1)ERIKSSON, THOMAS

2)HALEN, STEFAN

3)HEDBERG, JONAS

(57) Abstract :

It is presented an arc detector for detecting undesired arcs. The arc detector comprises: an antenna for receiving an electromagnetic signal representing an arc; and a discriminator for analysing a signal from the antenna, the discriminator comprising a spectrum analyser arranged to detect whether the signal represents a normal arc or an undesired arc. The discriminator is arranged to detect whether the signal represents a normal arc or an undesired arc by comparing signal levels at frequencies of a spectrum of the signal corresponding to at least one partial reference spectrum, and determining the arc to be a normal arc if a deviation from the reference spectrum is less than a threshold deviation. A corresponding method is also presented. (FIG. 3)

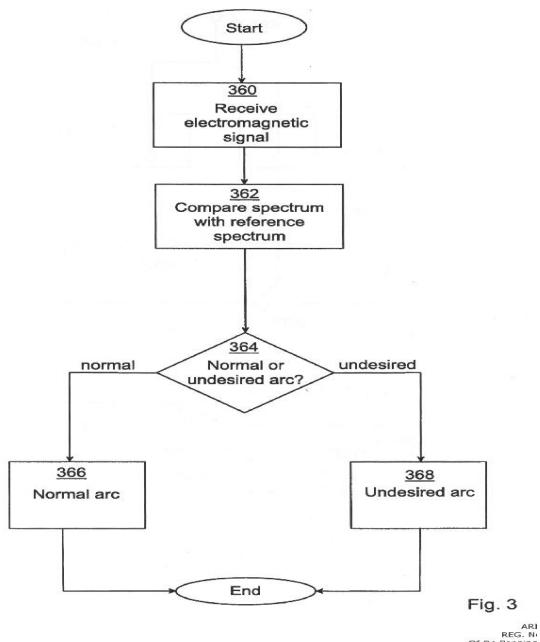


Fig. 3

Att  
Rec'd N  
Or de Penning

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7555/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DEVICE AND METHOD FOR FILLING CANS

(51) International classification	:B65H54/78, B65H54/80, B65H75/16
(31) Priority Document No	:658/08
(32) Priority Date	:28/04/2008
(33) Name of priority country	:Switzerland
(86) International Application No Filing Date	:PCT/CH09/000123 :20/04/2009
(87) International Publication No	:WO 2009/132467 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)MASCHINENFABRIK RIETER AG

Address of Applicant :KLOSTERSTRASSE 20, CH-8406  
WINTERTHUR Switzerland

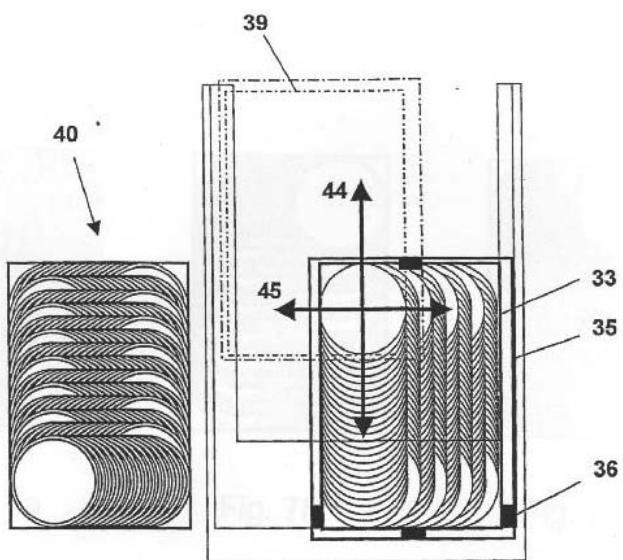
(72)Name of Inventor :

1)GRIESSHAMMER, CHRISTIAN

(57) Abstract :

The invention relates to a device for filling rectangular cans (33) with a fiber band (3) or slubbing. Above the can (33), the device comprises a turndisk (7, 31) and a band channel (6) located in turndisk (7, 31) and means for the translatory displacement of the can (33), whereby the end of the band channel (6) that is facing the can (33) is located eccentric with respect to an axis of rotation (8) of turndisk (7, 31). Turndisk (7, 31) can be displaced into a rotating motion (9) around the axis of rotation (8) with a drive. Thereby, cans (33) with an aspect ratio (A/B) of 3 or smaller, preferably 2 or smaller, especially preferred of 1.5, can be filled and the translatory displacement of the can (33) during the filling can be performed on two axis (42, 43) that are located perpendicular with respect to each other, whereby axes (42, 43) are located plumb-vertical with respect to the axis of rotation (8) of turndisk (7, 31). Fig. 5

Fig. 5



No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7558/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR USING A LIFT SYSTEM, LIFT SYSTEM SUITABLE FOR SUCH A METHOD, AND METHOD FOR EQUIPPING SUCH A LIFT SYSTEM

(51) International classification	:B66B1/46
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP08/055193
Filing Date	:28/04/2008
(87) International Publication No	:WO 2009/132690
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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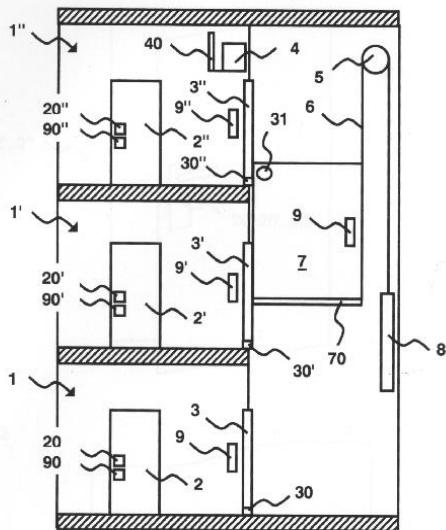
2)INVENTIO AG

(72)Name of Inventor :

1)GERSTENKORN, BERNHARD  
2)SCHUSTER, KILIAN  
3)FRIEDLI, PAUL

(57) Abstract :

The invention relates to a method of operating an elevator system in a building with at least one building door (2, 2, 2). Through opening and/or closing the building door (2, 2, 2) the storey (1, 1, 1) of the opened and/or closed building door (2, 2, 2) is defined as the start storey and a destination call for an elevator cage (7) to the start storey is actuated. As soon as the elevator cage (7) has reached the start storey, an elevator door (3, 3, 3) of the start storey is opened. As soon as at least one user has entered the elevator cage (7), the opened elevator door (3, 3, 3) is closed and the user is conveyed by the elevator cage (7) to a destination storey, wherein the destination storey is defined by a destination call stored for a start storey. (Fig. 1)



No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7571/CHENP/2010 A

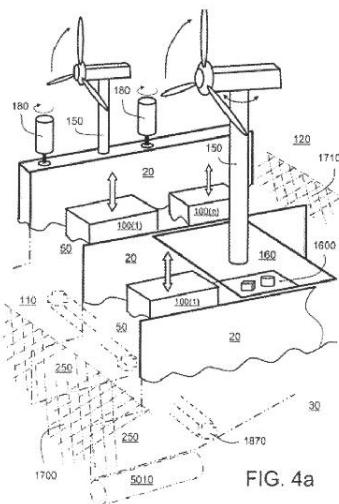
(43) Publication Date : 26/08/2011

(54) Title of the invention : ENERGY SYSTEM

(51) International classification	:F03B13/14, F03B13/18	(71)Name of Applicant :
(31) Priority Document No	:20081979	1)OCEAN WAVE ROCKER AS
(32) Priority Date	:24/04/2008	Address of Applicant :STATSMINISTER MICHELSENSVEI 38, N-5231 PARADIS Norway
(33) Name of priority country	:Norway	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/NO2008/000460 :17/12/2008	1)THORBJORN SIRSETH
(87) International Publication No	:WO 2009/131461	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

There is provided an ocean wave energy system (10) for generating power from ocean waves (40). The system (10) comprises wall components (20) defining one or more channels (50) for guiding propagation of ocean waves (40) there along. Each channel (50) has a first end (110) for receiving the ocean waves (40) and a second end (120) remote from the first end (110). A float arrangement (100) is disposed along each of the one or more channels (50) between its first and second ends (110, 120). Moreover, the float arrangement (100) being arranged in size to progressively absorb energy from the ocean waves (40) commencing with longest wavelength components in the waves (40) and finishing with shortest wavelength components in the waves (40). The ocean wave energy system (10) is capable of extracting energy efficiently and conveniently from ocean wave motion.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7576/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : START-UP HEATER FOR AMMONIA REACTORS

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(51) International classification	:B01J8/02
(31) Priority Document No	:08008252.2
(32) Priority Date	:30/04/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/054500
Filing Date	:16/04/2009
(87) International Publication No	:WO 2009/132961
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

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LUGANO-BESSO Switzerland

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**1)RIZZI, ENRICO**

**2)FILIPPI, ERMANNO**

**3)TAROZZO, MIRCO**

(57) Abstract :

An internal start-up heater (10) for an ammonia reactor (1), comprising longitudinal heating members (16) and a supporting structure for said heating members (16), the structure comprising plates (20A-20D) with parallel beams (22A-22D) in contact with said heating members (16), wherein the plates are arranged in plate sets formed by at least a first and a second plate having differently arranged supporting beams.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.7512/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DOUBLE GATE AND TRI-GATE TRANSISTOR FORMED ON A BULK SUBSTRATE AND METHOD FOR FORMING THE TRANSISTOR

(51) International classification	:H01L29/78, H01L21/336
(31) Priority Document No	:102008030864.1
(32) Priority Date	:30/06/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/US2009/003898 :30/06/2009
(87) International Publication No	:WO 2010/005526 A1
(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)WEI, ANDY

2)MULFINGER, ROBERT

3)SCHEIPER, THILO

4)KAMMLER, THORSTEN

(57) Abstract :

The present invention concerns a ferromagnetic powder composition comprising soft magnetic iron-based core particles, wherein the surface of the core particles is provided with a first inorganic insulating layer and at least one metal-organic layer, located outside the first layer, of a metal-organic compound having the following general formula:  $(R1[(R1)x(R2)y(MOn-1)]nR1$ , wherein M is a central atom selected from Si, Ti, Al, or Zr; O is oxygen; R1 is a hydrolysable group; R2 is an organic moiety and wherein at least one R2 contains at least one amino group; wherein n is the number of repeatable units being an integer between 1 and 20; wherein the x is an integer between 0 and 1; wherein y is an integer between 1 and 2; wherein a metallic or semi- metallic particulate compound having a Mohs hardness of less than 3.5 being adhered to at least one metal-organic layer; and wherein the powder composition further comprises a particulate lubricant. The invention further concerns a process for producing the composition and a method for the manufacturing of soft magnetic composite components prepared from the composition, as well as the obtained component. FIG.2B

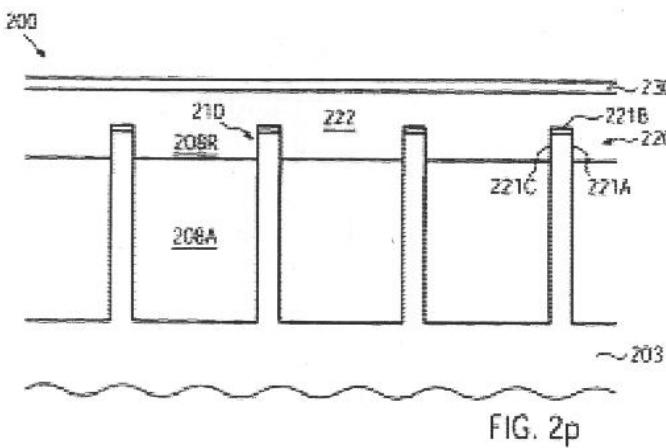


FIG. 2p

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2010

(21) Application No.7519/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PLASTIC DOOR CLOSER WITH INSERTED METAL PARTS

(51) International classification	:E05F3/10
(31) Priority Document No	:20 2008 008 921.2
(32) Priority Date	:03/07/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/004777
Filing Date	:02/07/2009
(87) International Publication No	:WO 2010/000472
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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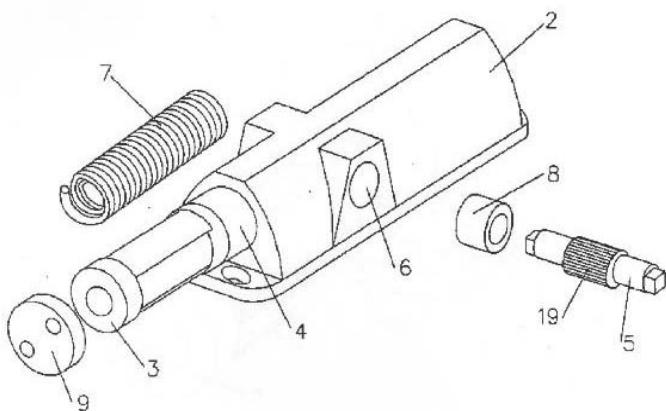
(72)Name of Inventor :

1)BRIESECK, BERND

(57) Abstract :

The invention relates to a door closer (1), comprising a housing (2), a closing piston (3), a closer shaft (5) vertical with regard to the central axis of the closing piston (3), and a spring (7), wherein the closing piston (3) is disposed in a cylindrical pocket (4) and the closer shaft (5) in a cylindrical opening (6) in the housing (2), wherein the closing piston (3) meshes with the closer shaft (5), wherein the spring (7) acts upon the closing piston (3), wherein the housing (2) and the closing piston (3) are manufactured essentially from plastic material, wherein the cylindrical pocket (4) of the housing (2) comprises at least one first metal insert (10), and wherein a circumferential surface of the closing piston (3) is at least partially formed by a second metal insert (11a, 11 b). Figure to accompany with abstract: figure 1

FIGURE 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2010

(21) Application No.7600/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR TRANSPORTING PASSENGERS, AND ELEVATOR SYSTEM FOR CARRYING OUT SAID METHOD

(51) International classification	:B66B1/46
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/055194
Filing Date	:28/04/2009
(87) International Publication No	:WO 2009/132691
A1	
(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)INVENTIO AG

(72)Name of Inventor :

1)SCHWARZENTRUBER, JOSEF

(57) Abstract :

Method for conveying passengers and an elevator system for implementing this method. The invention relates to a method and to an elevator system in a building comprising a plurality of floor levels (1, 1, 1), at least one elevator door (3, 3, 3) and at least one building door (4, 4, 4, 5, 5, 5) and at least one elevator control (10) which controls at least one elevator drive (11) to move at least one elevator cabin (8), wherein an opening and/or closing of a building door (4, 4, 4, 5, 5) causes at least one starting door signal(S1) to be generated and at least one elevator cabin (8) is ascertained for the starting door signal (S1). (Figure 1)

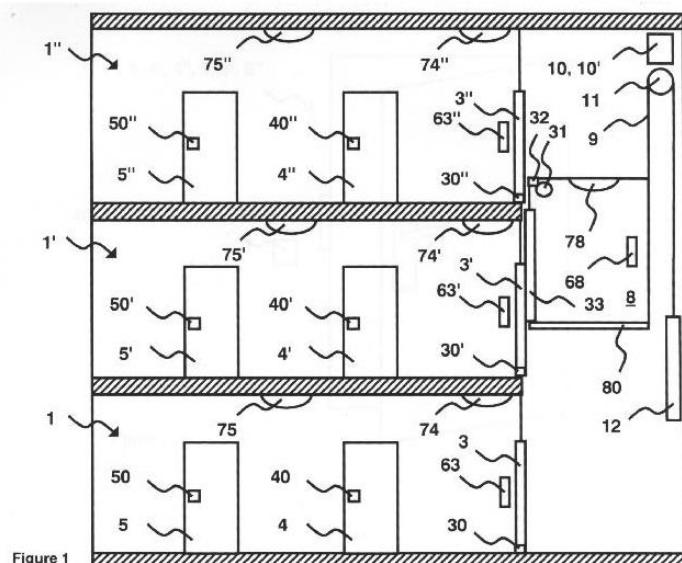


Figure 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2010

(21) Application No.7604/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DEVICES FOR A DIRECTED INTRODUCTION OF PRIMARY COMBUSTION AIR INTO THE GAS SPACE OF A COKE OVEN BATTERY

(51) International classification	:F27D7/02, C10B15/02
(31) Priority Document No	:10 2008 025 437.1
(32) Priority Date	:27/05/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP09/003077 :28/04/2009
(87) International Publication No	:WO 2009/143948 A1
(61) Patent of Addition to Application Number:NA Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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44141 DORTMUND Germany

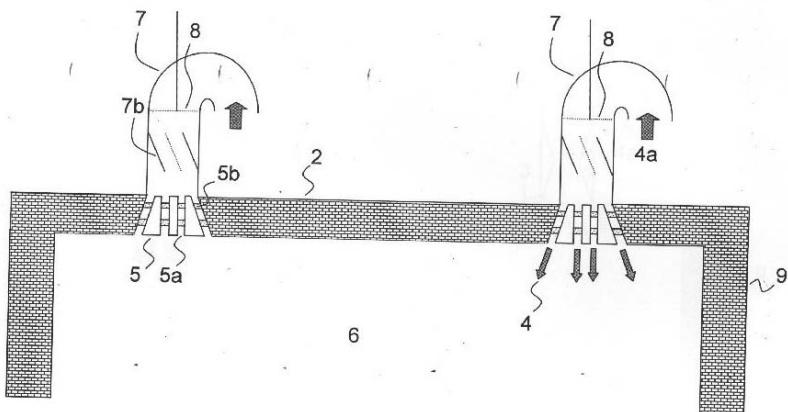
(72)Name of Inventor :

1)KIM, RONALD

(57) Abstract :

The invention relates to a device for a directed gas routing of primary air into a coke chamber oven, with this primary air being conducted through the coke chamber top into the gas space of a coke oven battery and being laterally deflected as it enters into the gas space of the coke chamber. The invention also relates to a method for lateral deflection of primary air after its entry into the coke oven chamber, thus improving the distribution of the primary air in the coke oven chamber. (Drawing to be published jointly with the abstract: FIG. 4)

FIG. 4



No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2010

(21) Application No.7525/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : INSTRUMENT AND PROCESS FOR NANOPARTICLES PRODUCTION IN CONTINUOUS FLOW MODE

(51) International classification

:B01J13/00,

B01J13/02

(31) Priority Document No

:P0800281

(32) Priority Date

:28/04/2008

(33) Name of priority country

:Hungary

(86) International Application No  
Filing Date

:PCT/HU2009/000040

:28/04/2009

(87) International Publication No

:WO 2009/133418 A1

(61) Patent of Addition to Application  
Number

:NA

:NA

Filing Date  
(62) Divisional to Application Number  
Filing Date

:NA

:NA

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(72)Name of Inventor :

1)NIESZ, KRISZTIAN

2)WOOTSCH, ATTILA

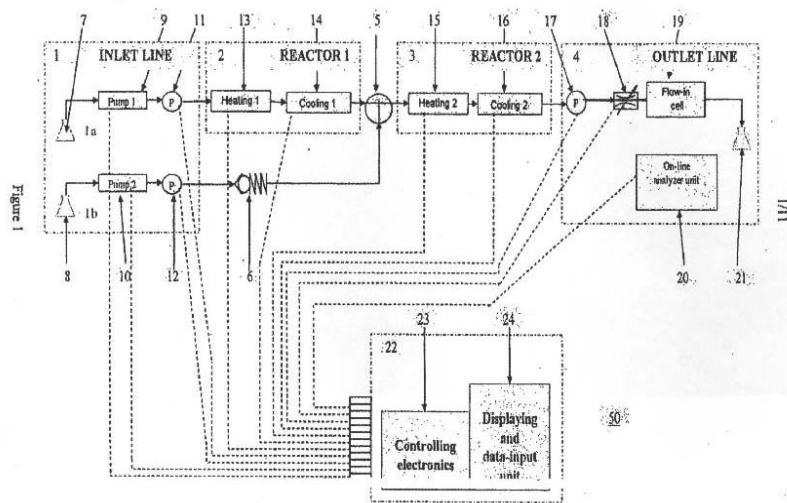
3)GROUALLE, MAXIME

4)OTVOS, ZSOLT

5)DARVAS, FERENC

(57) Abstract :

The subject of the invention is the (50) continuous flow system for the synthesis of nanoparticles which consist of the (1a) feeding unit connected to the flow path, at least one (2) first reactor unit possessing the (13) beatable reactor- zone, the (3) second reactor unit which follows (2) in the same cascade; the (5) mixing unit and the (1b) second feeding unit between (2) and (3) reactor units, the (9) and (10) feeding pumps connected to the raw material source and/or (22) control unit which is capable of controlling at least one (18) pressure controller and/or controlling the temperature of at least one (13) heatable reactor-zone; each (13) heatable reactor-zone is followed by (14) cooling unit in the cascade. In addition, the subject of this invention is a process for the synthesis of nanoparticles, preferably metal-containing nanoparticles, and nanoparticles of biologically active organic molecules wherein the process is accomplished in the device according to figure 1.



No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2010

(21) Application No.7526/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SUBSTITUTED THIOPHENECARBOXAMIDES AS IKK-BETA SERINE-, THREONINE-PROTEIN KINASE INHIBITORS

(51) International classification	:C07D333/38, A61K31/381
(31) Priority Document No	:0807642.4
(32) Priority Date	:26/04/2008
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB09/001051 :23/04/2009
(87) International Publication No	:WO 2009/130475 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA
	:NA

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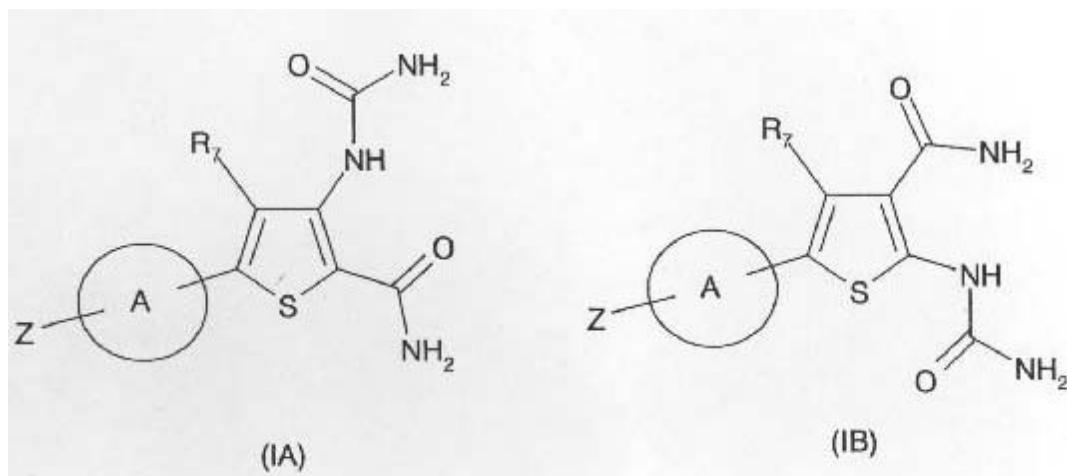
(72)Name of Inventor :

1)MOFFAT, DAVID, FESTUS, CHARLES

2)DAVIES, STEPHEN, JOHN

(57) Abstract :

Compounds of formula (IA) or (IB) are IKK inhibitors useful in the treatment of autoimmune and inflammatory diseases: wherein R7 is hydrogen or optionally substituted (C1-C6)alkyl; A is an optionally substituted aryl or heteroaryl of 5-13 ring atoms; Z is a radical of formula R1C( R2)(R3)NH-Y-L1-X1-(CH2)2- wherein R1 is a carboxylic acid group (-COOH), or an ester group which is hydrolysable by one or more intracellular esterase enzymes to a carboxylic acid group; and R2 and R3 independently represent the side chain of a natural or non-natural alpha amino acid but neither of R2 and R3 is hydrogen, or R2 and R3 taken together with the carbon atom to which they are attached form a C3-C7 cycloalkyl ring, and z, Y, L1 and X1 are as defined in the claims.



No. of Pages : 50 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/11/2010

(21) Application No.7527/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : TIME DELAY COMPENSATION IN POWER SYSTEM CONTROL

(51) International classification

:H02J3/24

(31) Priority Document No

:08156785.1

(32) Priority Date

:23/05/2008

(33) Name of priority country

:EPO

(86) International Application No

:PCT/EP09/055974

Filing Date

:18/05/2009

(87) International Publication No

:WO 2009/141297

A1

(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)KORBA, PETR**

**2)SEGUNDO, RAFAEL**

**3)BERGGREN, BERTIL**

**4)PAICE, ANDREW**

**5)MAJUMDER, RAJAT**

(57) Abstract :

The present invention is concerned with the compensation of time delays in remote feedback signals in power system control. A method is described which comprises converting the time delay into a phase shift and calculating four compensation angles from the phase shift. The optimal compensation angle is determined and applied to the remote feedback signals. A technique of equipping a controller with a global clock is also disclosed. Fig. 3b

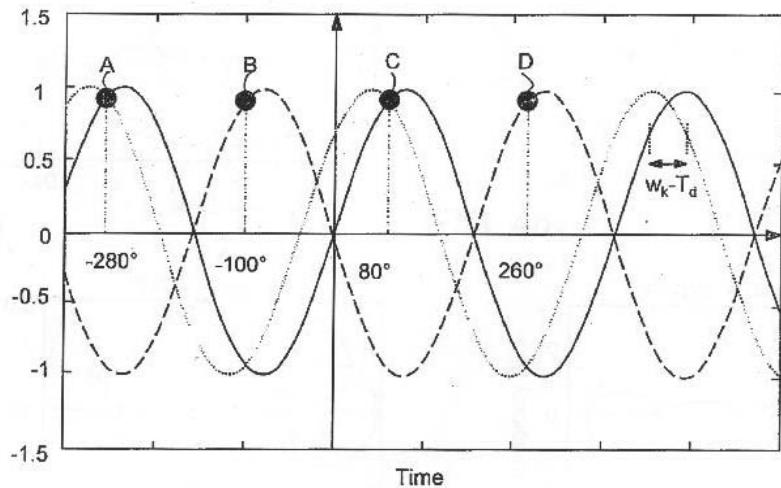


FIG. 3b

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/11/2010

(21) Application No.7645/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : A TEMPORAL DIRECT CODING METHOD AND APPARATUS FOR CODING A CURRENT FIELD PICTURE USING A MOTION VECTOR OF A CODED FIELD PICTURE

(51) International classification	:G06T9/00
(31) Priority Document No	:2002-320458
(32) Priority Date	:01/11/2002
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP03/12756
Filing Date	:06/10/2003
(87) International Publication No	:WO 2004/040915
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filed on	:1467/CHENP/2004 :06/10/2003

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(72)**Name of Inventor :**

1)ABE, KIYOFUMI

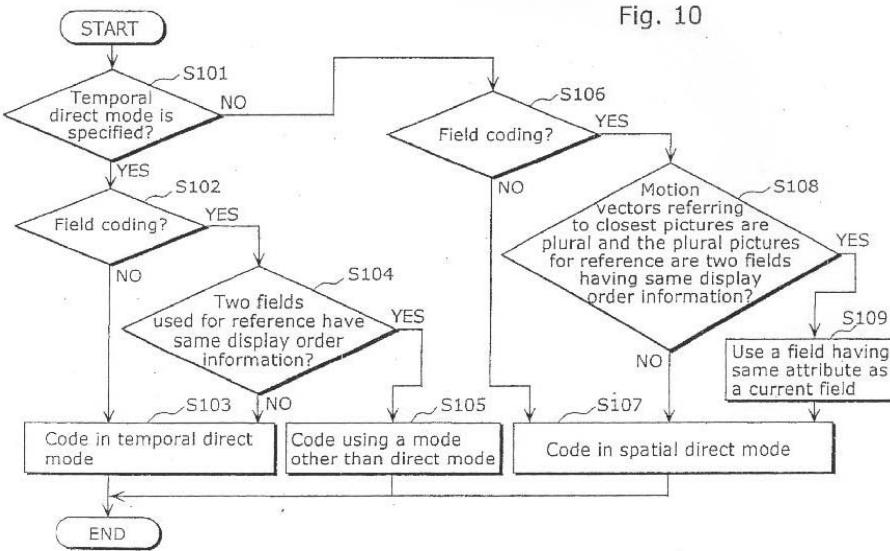
2)KONDO, SATOSHI

3)KADONA, SHINYA

(57) Abstract :

The moving picture coding apparatus includes a motion compensation coding unit (107) for deciding a coding mode for coding a current block to be coded and for generating predictive image data based on the coding mode; and a direct mode enable/disable judgment unit (109) for judging whether or not scaling processing can be performed when the coding mode decided by the motion compensation coding unit (107) is a temporal direct mode. When it is judged that the scaling processing cannot be performed, the motion compensation coding unit (107) performs motion compensation either by using another coding mode or without the scaling processing. Figure 10

Fig. 10



No. of Pages : 79 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.7667/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SLEEP PROCESSOR

(51) International classification	:G06F1/32
(31) Priority Document No	:12/137,630
(32) Priority Date	:12/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/003479
Filing Date	:10/06/2009
(87) International Publication No	:WO 2009/151588 A1
(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)LERMAN, MIKHAEL, Y.

(57) Abstract :

An apparatus, method, and system are provided for optimizing computer performance while a first processor is in a sleep mode of operation. For example, an embodiment of the apparatus includes a first processor, a second processor (also referred herein as a sleep processor), and one or more peripheral devices. The peripheral devices are coupled to the first processor and the sleep processor through a computer bus architecture. During an active mode of operation, the first processor interacts with and controls the functions of the peripheral devices. In an embodiment, the sleep processor also interacts with and controls the functions of the peripheral devices during the active mode of operation. However, when the first processor is in a sleep mode of operation, the sleep processor is configured to control one or more functions of the computer system incorporating the first processor and the sleep processor. These functions can, include applications that may not otherwise be executed while the first processor is in sleep mode such as, for example, functions of the one or more peripheral devices. These functions can also include applications that are not computationally intensive such that the sleep processor can execute the functions at a slower clock frequency, over a longer period of time. In having the sleep processor execute these simpler functions, the first processor does not expend a significant amount of power on these types of applications. As a result, power management of the computer system is improved since the first processor remains in sleep mode for a longer period of time. Fig.2

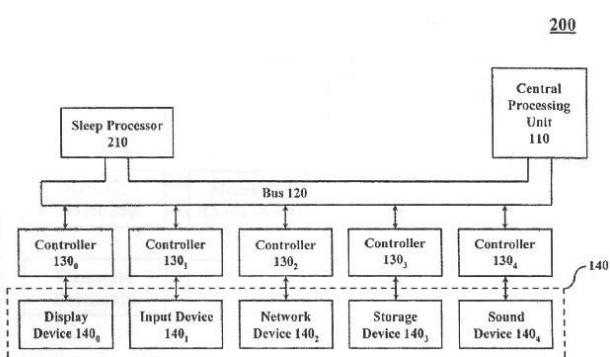


Figure 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2010

(21) Application No.7623/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : APPARATUS FOR CUTTING AND EJECTING NOODLES, AND NOODLE SCRAPER

(51) International classification	:A21C11/24
(31) Priority Document No	:2008-264700
(32) Priority Date	:11/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/005304
Filing Date	:09/10/2009
(87) International Publication No	:WO 2010/041477
A1	
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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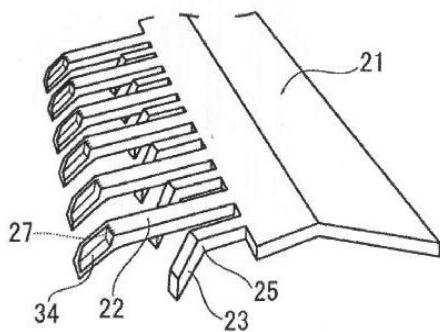
2)YASUMASA KAWAMURA

3)MITSURU TANAKA

(57) Abstract :

An apparatus for cutting and ejecting noodles, includes: the pair of cutting blade rolls (4, 4, 18, 18, 44, 44, 58, 58) at which a plurality of toroidal-groove sections (19, 19, 20, 20, 41, 42, 43, 60, 61, 62) is formed, the cutting blade rolls cutting a noodle band and ejecting a plurality of noodles, the plurality of toroidal-groove sections having two or more depths, and the plurality of toroidal-groove sections being formed so as to be alternately or sequentially arrayed; a noodle scraper (6, 6, 21, 21, 49, 49, 59, 59) constituted of a plate body having a bent section extending along a longitudinal direction, the noodle scraper including a plurality of scraping tines (22, 23, 41, 42, 43, 46, 47, 48, 60, 61, 62) formed in a comb form, the scraping tines being provided at one of long sides of the plate body and engaged with each of the toroidal-groove sections; a guide section (7, 9) disposed under the noodle scraper, transporting a plurality of the noodles that are dropped from the cutting blade rolls; and a feeding conveyer (8) disposed under the guide section, feeding the plurality of noodles, wherein each scraping tine includes a tine-edge section (26), the plurality of tine-edge sections are engaged with the plurality of toroidal-groove sections at a front position and a rear position in a circumferential direction of the cutting blade rolls, in accordance with the depths of the toroidal-groove sections engaged with the scraping tines.

FIG.17



No. of Pages : 102 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.7671/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR DETERMINING EXCESS PRESSURE IN FUEL ACCUMULATOR OF INJECTION SYSTEM OF INTERNAL COMBUSTION ENGINE

(51) International classification	:F02D41/38, F02M63/02
(31) Priority Document No	:102008001444.3
(32) Priority Date	:29/04/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2008/067912 :18/12/2008
(87) International Publication No	:WO 2009/132721 A1
(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)ROBERT BOSCH GMBH

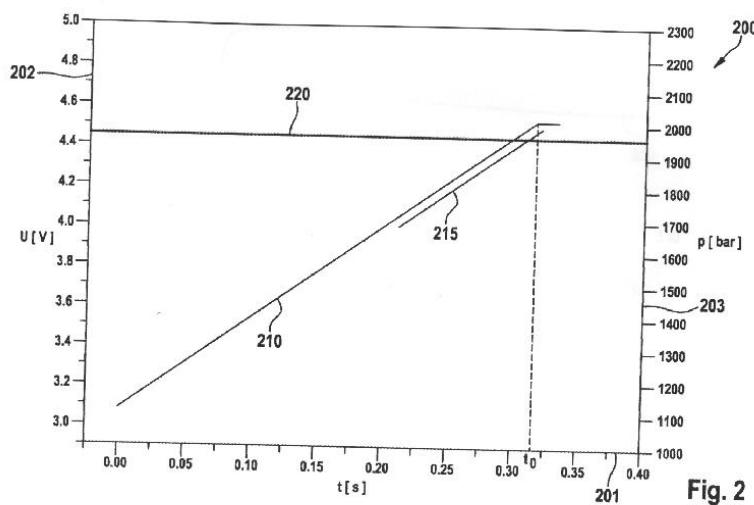
Address of Applicant :POSTFACH 30 02 20, 70442  
STUTTGART Germany

(72)Name of Inventor :

1)KOIDL, STEFAN  
2)SIEDENTOPF, MATTHIAS  
3)KELLER, STEFAN  
4)KUHNERT, CHRISTIAN  
5)STRAUB, DETLEV

(57) Abstract :

The present subject matter relates to a method for determining an excess pressure in a fuel accumulator of an injection system of an internal combustion engine, particularly in a common rail of a common rail system. The method includes detecting a pressure in the fuel accumulator wherein an excess pressure is established in the fuel accumulator if the derivation of the detected pressure exceeds a predetermined threshold value slope after a time (t) and subsequently, the detected pressure exceeds a predetermined pressure threshold value. FIG: 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.7699/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SCAPULAR COMPONENT OF A SHOULDER JOINT PROSTHESIS

(51) International classification	:A61F2/40
(31) Priority Document No	:10 2008 021 110.9
(32) Priority Date	:28/04/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/002734
Filing Date	:14/04/2009
(87) International Publication No	:WO 2009/132767
A1	
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SMITH & NEPHEW ORTHOPAEDICS AG

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ROTKREUZ Switzerland

(72)Name of Inventor :

1)SCHWYZER, HANS-KASPAR

2)RINER, MARC

3)KEHRLI, ERNST

(57) Abstract :

Scapular component of a shoulder joint prosthesis, having a base plate (11) anchorable to the scapula and, affixable to the base plate, a joint surface member (12) which defines either an anatomical (concave, 13) joint surface or a reverse (convex, 33) joint surface. On the rear side (14) of the base plate (11), which faces the scapula in the implanted state, there is arranged at least one anchoring pin (15,16,17) extending obliquely with respect to the base plate (11) in approximately the anterolateral direction. (Fig- 2)

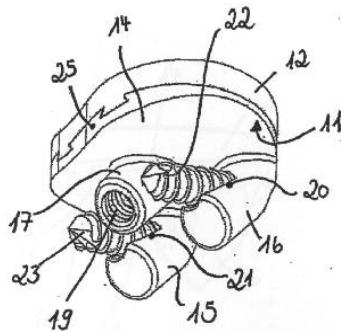


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.7702/CHENP/2010 A

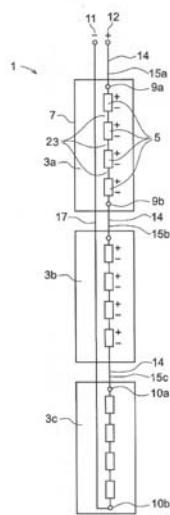
(43) Publication Date : 26/08/2011

(54) Title of the invention : A MODULAR ENERGY STORAGE DEVICE FOR A HIGH VOLTAGE ELECTRICAL POWER SYSTEM

(51) International classification	:H02J7/00, H02M1/32	(71) <b>Name of Applicant :</b> <b>1)ABB RESEARCH LTD.</b> Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)LARSSON, TOMAS</b>
(33) Name of priority country	:NA	<b>2)TINGLOW, FREDRIK</b>
(86) International Application No	:PCT/EP09/068038	<b>3)DEMETRIADES, GEORGIOS</b>
Filing Date	:30/12/2009	<b>4)HERMANSSON, WILLY</b>
(87) International Publication No	:WO 2011/079871	<b>5)PAPASTERGIOU, KONSTANTINOS</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modular energy storage device for a high voltage electrical power system A modular energy storage device (1, 40) for a high voltage electrical power system is provided comprising at least two modules (3a-c, 4a-c) connected in series, each module (3a-c, 4a-c) including at least one dc power-source unit (5) enclosed in a container (7) and a positive (9a, 10a) and a negative (9b, 10b) terminal, and the device further comprising a positive (12) and a negative (11) pole, a first (14, 30) and a second (17) conductor arranged to form a current path between the positive (9a, 10a) and negative (9b, 10b) poles, the first conductor (14, 30) including a plurality of conductor parts (23) connected to the terminals (9a-b, 10a-b) of the modules (3a-c, 4a-c) to provide a series connection of the modules (3a-c, 4a-c), a first module (3a, 3c, 4a, 4c) of the series connection of the modules (3a-c, 4a-c) being connected to one of the poles (11-12), and the second conductor (17) is connected between a last module (3c, 3a, 4c, 4a) in the series connection of modules (3a-c, 4a-c) and the other pole (11-12), wherein the first (14, 30) and second (17) conductors are arranged to pass through the containers (7) in parallel such that a current flows through the first conductor (14, 30) in a first direction and through the second conductor (17) in a second direction opposite to the first direction. (Fig. 1)



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2010

(21) Application No.7594/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SPINNING MACHINE WITH INDIVIDUAL SPINDLE DRIVE

(51) International classification	:D01H1/20, D01H1/244, D01H1/32
(31) Priority Document No	:689/08
(32) Priority Date	:30/04/2008
(33) Name of priority country	:Switzerland
(86) International Application No Filing Date	:PCT/CH09/000126 :22/04/2009
(87) International Publication No	:WO 2009/132469 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA
	:NA

(71)Name of Applicant :

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Address of Applicant :KLOSTERSTRASSE 20, CH-8406  
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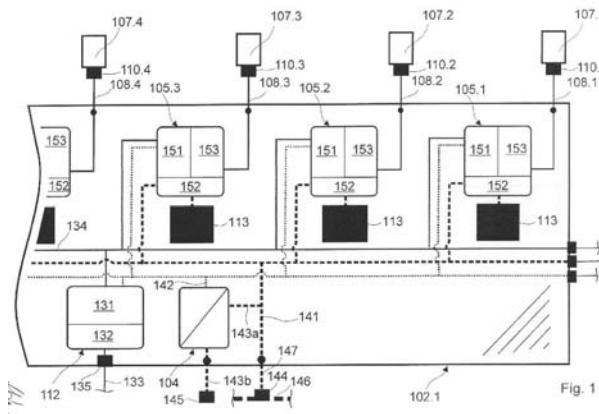
(72)Name of Inventor :

1)BRAND, RUDOLF

2)INGOLD, BENEDIKT

(57) Abstract :

The invention relates to a ring-spinning machine with individual spindle drive, containing a machine stand receiving workstations which are subdivided in control terms into a plurality of sections, each section comprising a plurality of workstations, and a spindle unit (200) with a spindle (201) and with a spindle drive (203) being provided per Workstation. A spindle-drive electronic unit (105) is provided per spindle unit (200). The spinning machine contains, furthermore, a section electronic unit (112) per section (160), which is connected via a data line (133) to a machine control unit (101), a plurality of spindle-drive electronic units (105) being connected via a data line (134) in each case to a section electronic unit (112). The invention is distinguished in that a control section (160) contains four circuit boards (102.1-102.4) in each case with a plurality of spindle-drive electronic units (105), on which the energy supply and communication with the spindle-drive electronic units (105) take place via conductor tracks (134, 141, 142), one circuit board being designed as a section circuit board (102.1) which contains the section electronic unit (112) and one or more connection interfaces (135) with an external communication device and power supply, and the circuit boards (102.1-102.4) being connected to one another in series. Fig. 1



No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2010

(21) Application No.7598/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : COATING SYSTEM AND METHOD FOR COATING A SUBSTRATE

(51) International classification	:H01L21/00, C23C14/56
(31) Priority Document No	:08157866.8
(32) Priority Date	:09/06/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP09/053105 :16/03/2009
(87) International Publication No	:WO 2010/000503 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)APPLIED MATERIALS INC.

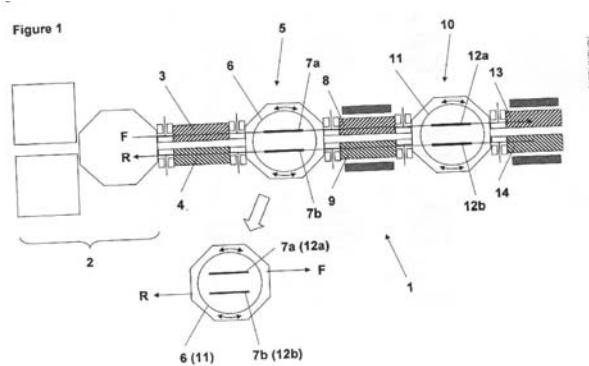
Address of Applicant :3050 BOWERS AVENUE, SANTA CLARA, CALIFORNIA - 95054 U.S.A.

(72)Name of Inventor :

1)KOPARAL, ERKAN

(57) Abstract :

A coating system 1 comprises a lock-in chamber 3 and a lock-out chamber 4. Furthermore, the coating system comprises a first transfer chamber 5 connected with the lock-in chamber 3 and the lock-out chamber 4. In the transfer chamber 5 a first rotatable transfer module 6 is arranged. The substrate bolders 7a, 7b may be rotated around a central axis such that substrate bolders 7a and 7b may be positioned in alignment with the lock-in chamber 3 and the lock-out chamber 4, respectively. The coating station 1 further includes a first process chamber 8 and a second process chamber 9. Furthermore, the coating system 1 includes a second transfer chamber 10 having a second rotatable transfer module 11 including a third substrate holder 12a and a fourth substrate holder 12b. The second transfer chamber is connected with the first process chamber 8 and the second process chamber 9 as well as a third process chamber 13 and a fourth process chamber 14. The third process chamber 13 and the fourth process chamber 14 are arranged parallel, i.e. like a cluster arrangement, at the second transfer chamber 10. The invention provides for a possibility to increase the availability of the system by a sandwich arrangement of two parallel coating chambers 8 and 9 arranged on a forward path F and a return path R, respectively, between two transfer chambers 5 and 10 which are configured to transfer the substrate from the forward path F to the return path R and vice versa. (Figure 1)



No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/11/2010

(21) Application No.7599/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PROCESSING SYSTEM AND METHOD OF OPERATING A PROCESSING SYSTEM

(51) International classification	:C23C14/56
(31) Priority Document No	:08159243.8
(32) Priority Date	:27/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/054149
Filing Date	:07/04/2009
(87) International Publication No	:WO 2009/156196
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)APPLIED MATERIALS INC.

Address of Applicant :3050 BOWERS AVENUE, SANTA CLARA, CALIFORNIA - 95054 U.S.A.

(72)Name of Inventor :

1)LINDENBERG, RALPH

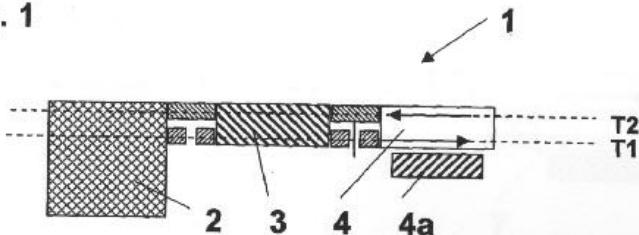
2)KOPARAL, ERKAN

3)BERGER, THOMAS

(57) Abstract :

A coating system 1 comprises a Swing station 2 including a swing module and an arrangement of chambers. The arrangement of chamber comprises a lock chamber 3 and a first coating chamber 4. The lock chamber 3 is configured as a combined lock-in/lock-out chamber. The arrangement of chambers has a first substantially linear transport path T1 indicated by dashed lines, and a second substantially linear transport path T2 indicated by dashed lines. The arrangement of the paths T1 and T2 establishes a dual track. The system 1 includes a transport system for moving a substrate through the arrangement of chambers 3, 4 along the first transport path T1 and/or along the second transport path T2 as indicated by arrows. One or particularly both chambers 3 and 4 comprise transfer means for transferring the substrate/carrier from the first path T1 to the second path T2 by a lateral movement of a dual or triple track section and/or from the second path T2 to the first path T1. (Figure 1)

**Fig. 1**



No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.7725/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : HIGH VOLTAGE BUSHING CONTACT, HIGH VOLTAGE BUSHING COMPRISING SUCH CONTACT AND HIGH VOLTAGE DEVICE COMPRISING BUSHING WITH SUCH CONTACT

(51) International classification	:H01B17/26
(31) Priority Document No	:08155694.6
(32) Priority Date	:06/05/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2009/054158
Filing Date	:07/04/2009
(87) International Publication No	:WO 2009/135743 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH Switzerland

(72)Name of Inventor :

1)EMILSSON, DAVID

2)ERIKSSON, THOMAS, A.

(57) Abstract :

The invention concerns a high voltage bushing contact, comprising a first contact part (14) for connection with an electric device and a second contact part (16) for connection with a conductor (10) of the bushing, wherein the second contact part has an inner bore (18) with an opening for receiving an end of the conductor. The contact also comprises a set of mounting holes (22, 42) and a set of mounting members (24) adapted to be inserted through the mounting holes and by means of which both contact parts (14, 16) are secured to the end of the conductor (10), and that each mounting hole (22, 42) has a first opening inside the inner bore (18) of the second contact part (16). The invention also concerns a high voltage bushing comprising such a contact, and a high voltage device comprising such a bushing. Fig. 1

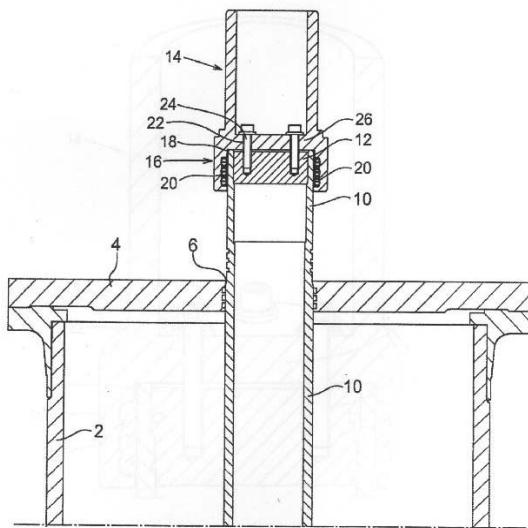


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.7743/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PROCESSING RECEIPT RECEIVED IN SET OF COMMUNICATIONS

(51) International classification	:G06Q20/00
(31) Priority Document No	:12/138,430
(32) Priority Date	:13/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/041236
Filing Date	:21/04/2009
(87) International Publication No	:WO 2009/151795 A1
(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)MCKENNA, SEAN, MICHAEL

2)MARSHALL, STUART, HENRY, SEELYE

3)WARD, BRADLEY

4)SACHETI, ARUN, K

(57) Abstract :

Receipts may be received at a location that a customer normally uses to receive electronic correspondence, such as an e-mail address, an instant messaging address, etc. Among the items that are sent to that location, those items that contain a receipt may be identified. The identified receipts, or information extracted from such receipts, may be sent to a receipt store. An action, such as displaying the receipts to a customer, may be taken based on content stored in the receipt store. The information that is stored in a receipt store and/or that is displayed to customers may have an arbitrary level of detail.

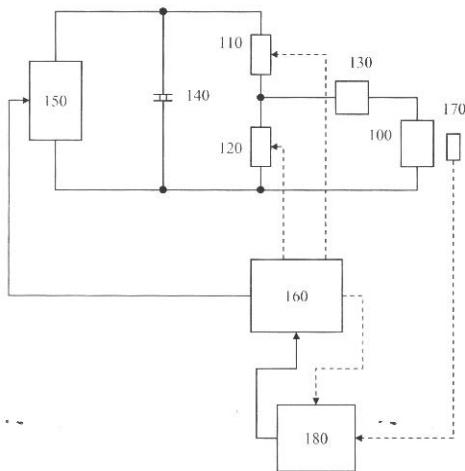


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.7745/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : TECHNIQUES FOR PERFORMING SYMMETRIC CRYPTOGRAPHY

(51) International classification	:H04W12/04, H04L9/06, H04L9/14	(71) <b>Name of Applicant :</b> <b>1)MICROSOFT CORPORATION</b> Address of Applicant :ONE MICROSOFT WAY, REDMOND, WA 98052-6399. U.S.A.
(31) Priority Document No	:12/136,772	
(32) Priority Date	:11/06/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/041225 21/04/2009	
(87) International Publication No	:WO 2009/151793 A3	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Techniques are described for performing decryption using a key-specific decryption engine. A message including an encrypted data portion is received. The encrypted data portion is formed by performing a symmetric encryption operation using a symmetric key. The encrypted data portion is decrypted using a key-specific decryption engine which does not use the symmetric key as an input. Also described are techniques for generating the key-specific decryption engine which may be implemented using boolean functions determined for the symmetric key. FIG. 2

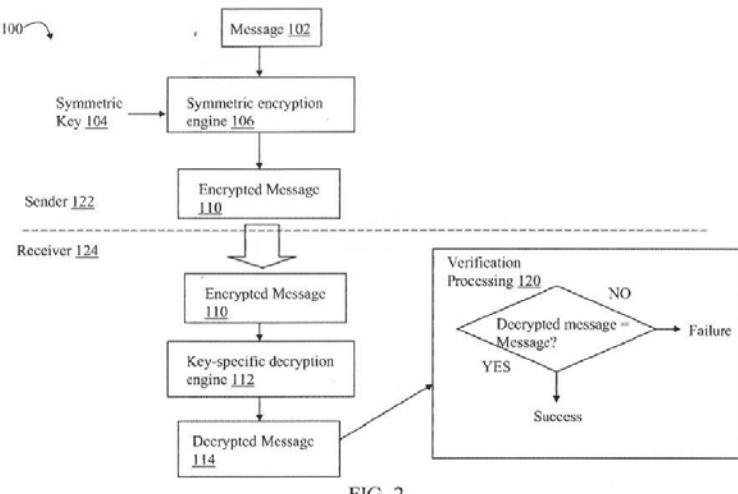


FIG. 2

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.7746/CHENP/2010 A

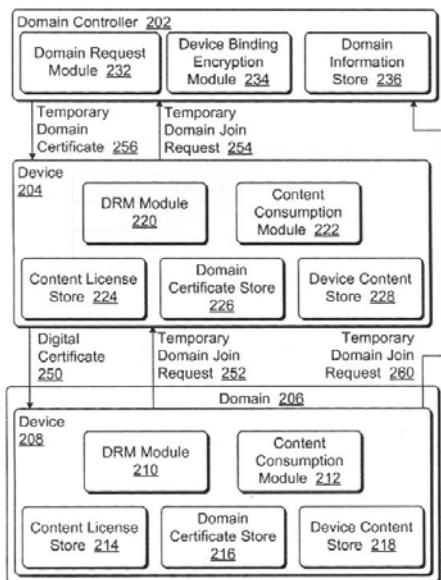
(43) Publication Date : 26/08/2011

(54) Title of the invention : TEMPORARY DOMAIN MEMBERSHIP FOR CONTENT SHARING

(51) International classification	:G06F21/24, G06Q50/00	(71) <b>Name of Applicant :</b> <b>1)MICROSOFT CORPORATION</b> Address of Applicant :ONE MICROSOFT WAY, REDMOND, WA 98052-6399. U.S.A.
(31) Priority Document No	:12/134,360	(72) <b>Name of Inventor :</b>
(32) Priority Date	:06/06/2008	<b>1)SCHNELL, PATRIK</b>
(33) Name of priority country	:U.S.A.	<b>2)ALKOVE, JAMES, M</b>
(86) International Application No Filing Date	:PCT/US2009/045857 01/06/2009	
(87) International Publication No	:WO 2009/149019 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with one or more aspects, a first device receives a digital certificate of a second device. The first device generates a digitally signed temporary domain join request and sends the request to a domain controller. The domain controller generates, for the first device, a temporary domain certificate allowing the first device to temporarily consume content bound to the domain. The temporary domain certificate is sent to the first device, allowing the first device to temporarily consume content bound to the domain.  
Fig. 2



**Fig. 2**

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.7747/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SUBSCRIBER NODES OF COMMUNICATION SYSTEM HAVING FUNCTIONALLY SEPARATE TRANSMISSION EVENT MEMORY

(51) International classification	:H04L12/40
(31) Priority Document No	:10 2008 001 548.2
(32) Priority Date	:05/05/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/052578 :05/03/2009
(87) International Publication No	:WO 2009/135707 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)Name of Applicant :

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2)SCHREIER, MARC  
3)BAILER, FRANZ  
4)IHLE, MARKUS  
5)LORENZ, TOBIAS  
6)HORST, CHRISTIAN

(57) Abstract :

The present subject matter relates to a subscriber node (3) of a communication system (1). The communication network (1) includes a data bus (2), on which the subscriber node (3) and at least one other subscriber node (3) are connected. The subscriber node (3) has a communication controller (4) for transmitting a message (7) via the data bus (2) and/or for receiving the message (7) from the data bus (2) and has a message memory (11, 12) for storing of the message (7) to be transmitted or received. According to the present subject matter, the subscriber node (3) includes at least one transmission event memory (13), functionally separate from the message memory (11, 12), for storing a transmission event of the at least one message (7) to be transmitted or transmitted. FIG.1

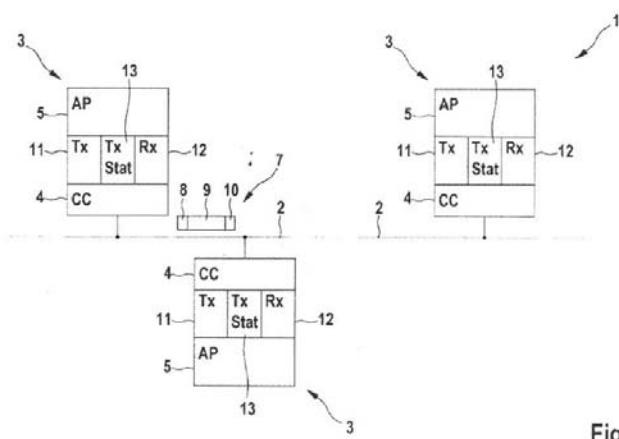


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/11/2010

(21) Application No.7669/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : ELECTROMECHANICAL BRAKE BOOSTER

(51) International classification	:B60T13/74
(31) Priority Document No	:10 2008 001 522.9
(32) Priority Date	:30/04/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/052755
Filing Date	:10/03/2009
(87) International Publication No	:WO 2009/132882
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

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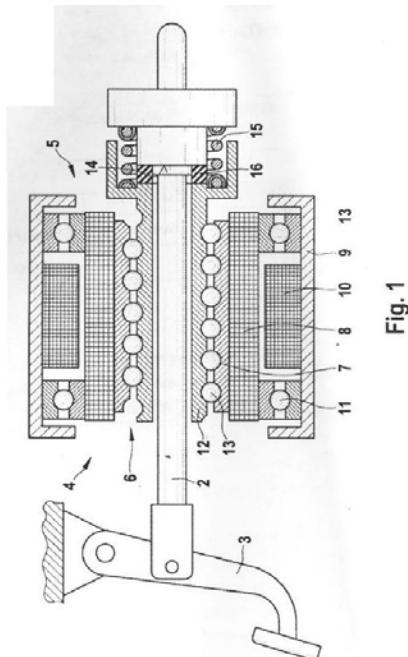
(72)Name of Inventor :

1)VOLLERT, HERBERT

2)MAYER, JOCHEN

(57) Abstract :

The present subject matter relates to an electromechanical brake booster (1). The brake booster (1) includes a piston rod (2) for transferring an actuating force from a brake pedal (3) to a piston of a brake master cylinder, and an electromechanical auxiliary power unit (4) that produces auxiliary force for boosting the actuating force. According to the present subject matter, the auxiliary power unit (4) includes a drive output element (12) that is connected elastically with the piston rod (2). FIG.1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8164/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : HORIZONTAL BELT FILTER WITH VACUUM PAN ALIGNMENT

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(51) International classification	:B01D33/056
(31) Priority Document No	:12/214,465
(32) Priority Date	:19/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/003661
Filing Date	:18/06/2009
(87) International Publication No	:WO 2009/154771
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

1)FLSMIDTH A/S

Address of Applicant :VIGERSLEV ALLE 77, DK-2500  
VALBY Denmark

(72)Name of Inventor :

1)BREINHOLT, JAY, L.

2)ROSE, NRANDON, G.

3)WOOD, JOSEPH , L.

(57) Abstract :

A mechanism in a horizontal belt filter controls the position of the drainage belt to ensure its alignment with the vacuum pan. A section of belt rollers supporting the drainage belt is mounted on a movable structure capable of shifting the rollers laterally to the degree necessary to compensate for misalignments between the drain holes and the vacuum pan. The control operation is implemented with a detector capable of sensing the position of the drain holes in the belt with respect to the vacuum pan. A signal is sent to an actuator that causes the belt rollers to move laterally in the direction required to maintain alignment of the drain holes with the vacuum pan. A dual-drive system is preferably utilized to provide a more uniform force distribution along the drive pulley and to increase torque, thereby also advantageously increasing the capacity of the filter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8165/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : METHOD AND APPARATUS FOR PROCESSING PROTOCOL DATA UNITS IN A WIRELESS NETWORK

(51) International classification	:H04L29/06	(71) <b>Name of Applicant :</b> <b>1)ALCATEL LUCENT</b> Address of Applicant :3,avenue Octave Greard,75007 Paris
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/CN2008/001300	(72) <b>Name of Inventor :</b>
Filing Date	:11/07/2008	<b>1)WANG, DONGYAO</b>
(87) International Publication No	:WO 2010/003275 A1	<b>2)SHEN, GANG</b>
(61) Patent of Addition to Application Number	:NA	<b>3)ZHANG, KAIBIN</b>
Filing Date	:NA	<b>4)LENG, XIAOBING</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for processing protocol data units in network devices of wireless networks are provided. In this solution, data corresponding to different logical connections could be carried in the same protocol data unit. As a result, the overheads of processing information in a system that is irrelevant to data are reduced, especially the overheads for MAC Headers and Sub-headers.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8166/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : NIACIN AND NSAID FOR COMBINATION THERAPY

(51) International classification	:A61K45/06
(31) Priority Document No	:61/054,795
(32) Priority Date	:20/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/003119
Filing Date	:20/05/2009
(87) International Publication No	:WO 2009/142731 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

**(71)Name of Applicant :**

**1)CERENIS THERAPEUTICS S.A.**

Address of Applicant :BP 87519 RUE DE LA  
DECOUVERTE, F-31675 LABEGE CEDEX France

**(72)Name of Inventor :**

- 1)WETTERAU, JOHN, R.**
- 2)ZHU, LINGYU**
- 3)SCOTT, ROBERT, A.**
- 4)KEYSERLING, CONSTANCE, H.**
- 5)DASSEUX, JEAN-LOUIS**
- 6)ONICIU, DANIELA, CARMEN**
- 7)AUTANT, PIERRE**
- 8)KRAVTZOFF, ROGER**
- 9)CASTAN, CATHERINE**
- 10)GUILLARD, HERVE**

**(57) Abstract :**

Provided are pharmaceutical compositions and methods for preventing or reducing niacin-induced flushing comprising an arpirin component and a niacin component having different release profiles. Also provided are methods and compositions for preventing or reducing niacin-induced flushing comprising niacin, aspirin and a lipid-lowering drug other than niacin.

No. of Pages : 146 No. of Claims : 118

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8167/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : BARBECUE GRILL WITH SEAR SECTION

(51) International classification	:F23D14/04, F23K5/00, F23N1/00	(71) <b>Name of Applicant :</b> <b>1)WEBER-STEPHEN PRODUCTS CO.</b> Address of Applicant :200 E. DANIELS ROAD, PALATINE, IL 60067. U.S.A.
(31) Priority Document No	:12/141,343	
(32) Priority Date	:18/06/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No Filing Date	:PCT/US2009/046540 :08/06/2009	<b>1)SCHLOSSER, ERICH</b> <b>2)BRUNO, ADRIAN, A.</b>
(87) International Publication No	:WO 2009/155148 A2	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Various embodiments of a gas valve and a sear-zone gas burner are described and claimed herein. One embodiment described herein relates to a control valve for regulating the flow of gas to a burner tube for a barbecue grill, wherein the control valve includes multiple flow settings, including a sear seffing. At the sear seffing, the valve is capable of providing additional gas flow to the gas burner to provide the intense heat needed to sear food. At the remaining settings, the valve is capable of providing an appropriate amount of gas flow for conventional cooking of food. Another embodiment of the gas valve is adapted to reduce the rotational offset between the off position and the maximum flow position as compared to the valves of the prior art. In that embodiment, the angular offset between the off position and the maximum flow position is approximately 45°. Another embodiment described herein relates to a burner tube configuration comprising a plurality of standard burner tubes and at least one supplementary sear-zone burner tube which is operable independently from the standard burner tubes. The sear-zone burner tube supplements the heat generated by the adjacent standard burner tubes to supply the intense heat needed to sear food. When the sear- zone burner tube is oft the portion of the cooking surface above the sear-zone burner tube can be used for conventional cooking of food.

No. of Pages : 54 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.7742/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : TECHNIQUES TO MANAGE A WHITEBOARD FOR MULTIMEDIA CONFERENCE EVENTS

(51) International classification	:G06F3/02, G06F15/16, G06F3/14
(31) Priority Document No	:12/139,454
(32) Priority Date	:14/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/045119 :26/05/2009
(87) International Publication No	:WO 2009/151940 A3
(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)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,  
REDMOND, WA 98052-6399. U.S.A.

(72)Name of Inventor :

1)HAWKINS, QUINN  
2)THAKKAR, PULIN  
3)SHARMA, KAPIL  
4)BHATTACHARJEE, AVRONIL  
5)EVERSOLE, ADAM  
6)QIN, BO

(57) Abstract :

Techniques to manage a whiteboard for multimedia conference events are described. An apparatus may comprise a whiteboard manager component operative to manage whiteboard recording, image processing and reproduction operations for a multimedia conference event. The whiteboard manager component may comprise an image quantizer module operative to receive an image of a writing surface with pen strokes, and quantize each pixel of the image into a predetermined number of colors, an attribute extractor module communicatively coupled to the image quantizer module, the image quantizer module operative to extract stroke attribute information for the pen strokes from the quantized pixels, and a whiteboard interface module communicatively coupled to the attribute extractor module, the whiteboard interface module operative to send the stroke attribute information to a meeting console for rendering as digital pen strokes on a digital writing surface. Other embodiments are described and claimed.

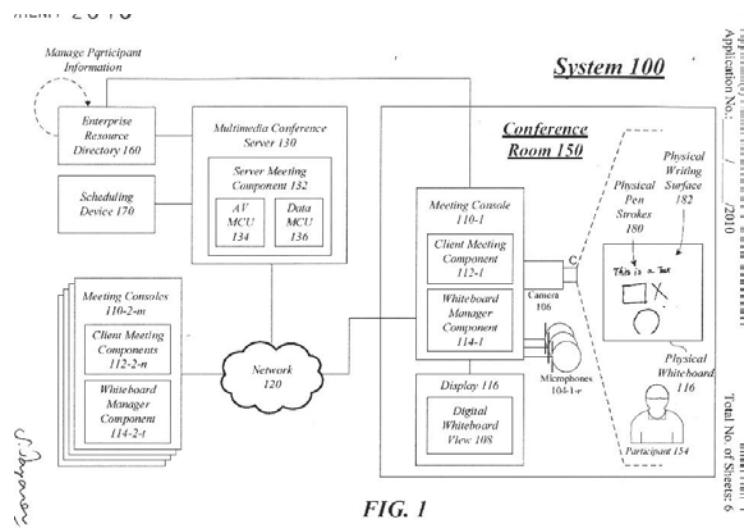


FIG. 1

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8180/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : DATA STRUCTURE, RECORDING MEDIUM, REPRODUCING DEVICE, REPRODUCING METHOD, AND PROGRAM

(51) International classification	:H04N13/04, G11B20/12, H04N5/92	(71) <b>Name of Applicant :</b> <b>1)SONY CORPORATION</b> Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 1080075. Japan
(31) Priority Document No	:P2009-099412	(72) <b>Name of Inventor :</b>
(32) Priority Date	:15/04/2009	<b>1)KOUICHI UCHIMURA</b>
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2010/056418	
Filing Date	:09/04/2010	
(87) International Publication No	:WO 2010/119814	
	A1	
(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 data structure, a recording medium, a playing device and a playing method, and a program, which enable providing of a video format for 3D display, suitable for 3D display of subtitles and menu buttons. A display set includes subtitle data used for 2D display of subtitles. Also, a display set includes offset information made up of offset direction representing the direction of offset of subtitles for the left eye and subtitles for the right eye, used for 3D display of subtitles in each picture plane, as to subtitles in each picture plane corresponding to the subtitle data. The present invention can be applied to a disc for 3D display.

No. of Pages : 276 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8182/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CONTROLLED RELEASE COPOLYMER FORMULATION WITH IMPROVED RELEASE KINETICS

(51) International classification	:A61K9/06, A61K47/34, A61K38/09	(71) <b>Name of Applicant :</b> <b>1)TOLMAR THERAPEUTICS, INC.</b> Address of Applicant :701 CENTER AVENUE, FORT COLLINS, CO 80526 U.S.A.
(31) Priority Document No	:61/058,477	(72) <b>Name of Inventor :</b>
(32) Priority Date	:03/06/2008	<b>1)NORTON, RICHARD, L.</b>
(33) Name of priority country	:U.S.A.	<b>2)DEY, ERIC</b>
(86) International Application No Filing Date	:PCT/US2009/003362 :03/06/2009	
(87) International Publication No	:WO 2009/148580 A3	
(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 constant release copolymer composition adapted for use in a controlled release formulation for a bioactive agent, such as a formulation adapted for implantation within a patients body tissues as a depot to release the agent over a period of time, wherein the copolymer provides a substantially constant rate of release of the bioactive agent over the time period for which the depot persists in the body tissues. The copolymer includes a PLG copolymer and a PLG oligomer of about 5-10 kDa average molecular weight, which can lack free carboxylic acid groups. When the PLG copolymer is a low burst copolymer, the constant release copolymer composition is a low burst, constant release copolymer composition adapted for implantation in the body tissues of a mammal, wherein a substantially constant rate of release of the bioactive agent is achieved. FIG.1

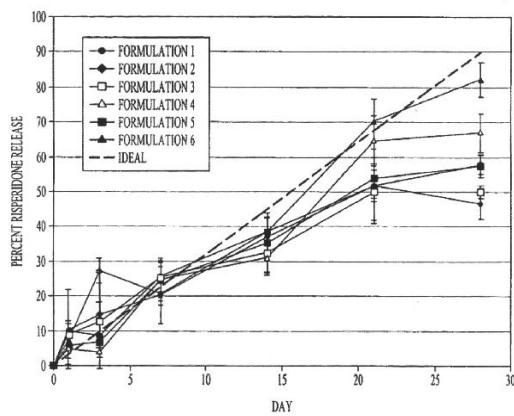


FIG. 1

No. of Pages : 42 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8183/CHENP/2010 A

(43) Publication Date : 26/08/2011

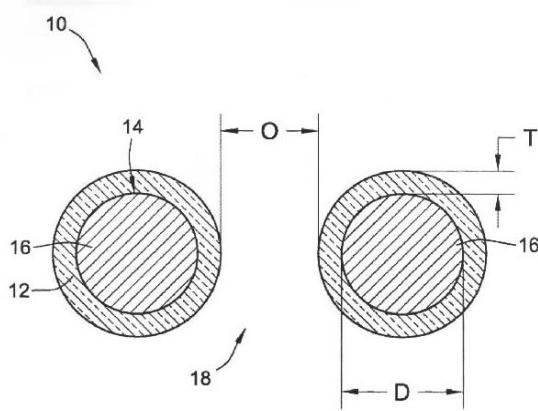
(54) Title of the invention : CONTAMINANT ADSORPTION FILTRATION MEDIA, ELEMENTS, SYSTEMS AND METHODS EMPLOYING WIRE OR OTHER LATTICE SUPPORT

(51) International classification	:B01D35/30, B01D27/06, B01D39/00	(71) <b>Name of Applicant :</b> <b>1)PERRY EQUIPMENT CORPORATION</b> Address of Applicant :P.O.BOX 640, MINERAL WELLS, TX 76068 U.S.A.
(31) Priority Document No	:61/056,898	(72) <b>Name of Inventor :</b>
(32) Priority Date	:29/05/2008	<b>1)KROGUE, JOHN, A.</b>
(33) Name of priority country	:U.S.A.	<b>2)HOLMES, TIMOTHY, L.</b>
(86) International Application No Filing Date	:PCT/US2009/054106 :26/05/2009	
(87) International Publication No	:WO 2009/148867 A3	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A contaminant adsorption is provided that includes a self-assembled monolayers on mesoporous supports (SAMMS) on a lattice support structure such as sintered metal wire mesh. Individual wire fibers of the sintered wire mesh may have a film coating of mesoporous material that is functionalized for a target metal. The mesh material is formed into filtration elements with or without particulate filtration media. Systems employing such filtration elements in one or multiple stages are also disclosed with an optional acid wash stripping system for regenerating SAMMS and to facilitate reclamation of contaminants that can be refined into usable commercial materials. FIG. 1

**FIG. 1**



No. of Pages : 48 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8184/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CMOS DEVICE COMPRISING MOS TRANSISTORS WITH RECESSED DRAIN AND SOURCE AREAS AND NON-CONFORMAL METAL SILICIDE REGIONS

(51) International classification	:H01L21/265, H01L21/336, H01L21/8238	(71) <b>Name of Applicant :</b> <b>1)ADVANCED MICRO DEVICES, INC.</b> Address of Applicant :ONE AMD PLACE, MAIL STOP 68, P.O.BOX 3453, SUNNYVALE, CA 94088-3453. U.S.A.
(31) Priority Document No	:1022008030854.4	(72) <b>Name of Inventor :</b>
(32) Priority Date	:30/06/2008	<b>1)HOENTSCHEL, JAN</b>
(33) Name of priority country	:Germany	<b>2)GRIEBENOW, UWE</b>
(86) International Application No Filing Date	:PCT/US2009/003877 :30/06/2009	<b>3)WEI, ANDY</b>
(87) International Publication No	:WO 2010/002448 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A non-conformal metal silicide layer (156) in a transistor (150) of recessed drain and source configuration may provide enhanced efficiency with respect to strain-inducing mechanisms, drain/source resistance and the like. For this purpose, in some cases, an amorphizing implantation process may be performed prior to the silicidation process, while in other cases an anisotropic deposition of the refractory metal (156) may be used.

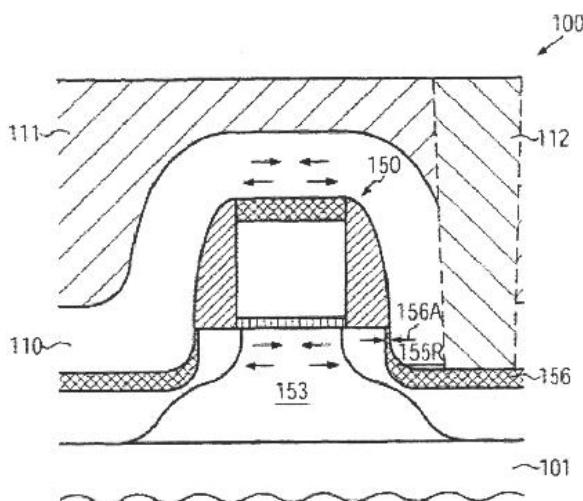


FIG. 1f

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8185/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : ORODISPERSIBLE MANNITOL

(51) International classification	:A61K9/16, A61K9/20
(31) Priority Document No	:08 54584
(32) Priority Date	:04/07/2008
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2009/051293 :02/07/2009
(87) International Publication No	:WO 2010/001063 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)BOIT BAPTISTE

2)LEFEVRE, PHILIPPE

3)PASSE, DAMIEN

(57) Abstract :

The subject of the invention is coagglomerates of mannitol, the laser volume-average diameter D4, 3 of which is between 1 and 200  $\mu\text{m}$ , and of granular starch, characterized in that they have a disintegration behaviour determined according to a test A such that the relaxation time measured is between 3 0 and 100 seconds and the swelling force is between 0.8 and 3.0

No. of Pages : 33 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8186/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : GRAPHICS MULTI-MEDIA IC AND METHODS OF ITS OPERATION

(51) International classification	:H04L5/16, G06F13/38, H04L12/56
(31) Priority Document No	:12/141,358
(32) Priority Date	:18/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2009/000791 :05/06/2009
(87) International Publication No	:WO 2009/152605 A1
(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 :

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2)GOMA, SERGIU

3)ALEKSIC, MILIVOJE

4)MAMONA, ANDRZEJ

(57) Abstract :

A graphics multi-media integrated circuit (GMIC) is connected to a host processor over two serial links: a half duplex bi-directional serial link which accords to a protocol defined for a display serial interface, and a uni-directional serial link which accords to a compatible protocol defined for a camera serial interface. The GMIC receives packets according to the protocol from the host over the half duplex bi-directional serial link and processes these packets. The GMIC sends packets according to the protocol to the host over the uni- directional serial link. A packet from the host can request a processing operation by the GMIC or can initiate a memory operation at the memory of the GMIC. The GMIC can also send packets to the host to initiate a memory operation at the memory of the host. The GMIC may be connected to a display over a bi-directional serial link according to the display serial interface protocol and to a camera over a uni-directional serial link and a bi directional control link according to the camera serial interface so that the host controls the display and camera indirectly through the GMIC.

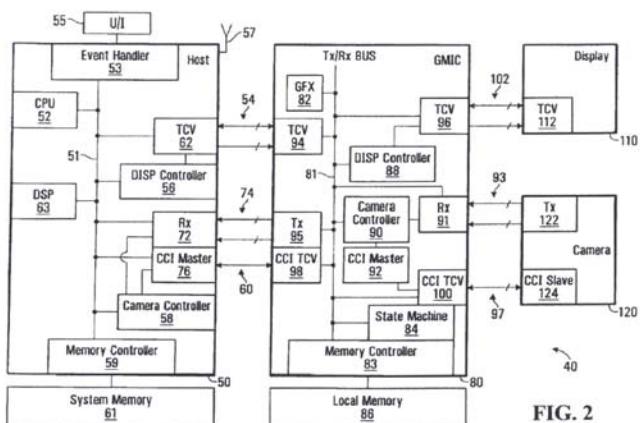


FIG. 2

No. of Pages : 28 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8187/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : MOUNTING DEVICE

(51) International classification	:F16B5/07
(31) Priority Document No	:102008031251.7
(32) Priority Date	:02/07/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/004715
Filing Date	:30/06/2009
(87) International Publication No	:WO 2010/000444 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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& CO. KG

(72)Name of Inventor :

1)BRAUN, KLAUS

2)CARLE, GABI

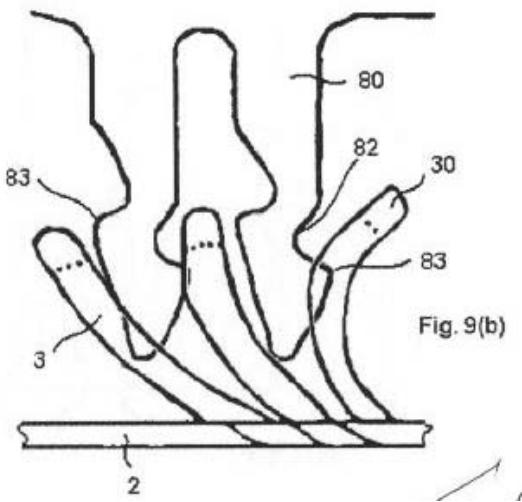
3)HOEHE, KURT

4)RUESS, BERND

5)LASKE, MATTHIAS

(57) Abstract :

The invention relates to a mounting device with one metallic base plate, from which a plurality of mounting eyelets protrude. The mounting device is obtainable by incising a plurality of arc-shaped eyelet blanks while leaving two connection sections per eyelet blank into the surface of the base plate and production of the mounting eyelets by bending the eyelet blanks out of the base plate around a bending edge in the area of the connection sections. At least part of the eyelet blanks are arranged as groups of eyelet blanks with the latter being nested to each other. Preferably, the groups of eyelet blanks are arranged rotated relative to each other. The invention further relates to a method for the production of the mounting device.



No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8168/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : FLUID DROPLET EJECTING

(51) International classification	:B41J2/045
(31) Priority Document No	:61/055,894
(32) Priority Date	:23/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/044868
Filing Date	:21/05/2009
(87) International Publication No	:WO 2009/143362 A8
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)FUJIFILM CORPORATION**

Address of Applicant :26-30, NISHIAZABU 2-CHOME,  
MINATO-KU, TOKYO 106-8620. Japan

(72)Name of Inventor :

**1)HOISINGTON, PAUL, A.**

**2)OTTOSSON, MATS**

**3)KYOSO, TADASHI**

**4)NAGASHIMA, KANJI**

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(57) Abstract :

A system for ejecting droplets of a fluid is described. The system includes a substrate having a flow path body that includes a fluid pumping chamber, a descender fluidically connected to the fluid pumping chamber, and a nozzle fluidically connected to the descender. The nozzle is arranged to eject droplets of fluid through an outlet formed in an outer substrate surface. The flow path body also includes a recirculation passage fluidically connected to the descender. The system for ejecting droplets of a fluid also includes a fluid supply tank fluidically connected to the fluid pumping chamber, a fluid return tank fluidically connected to the recirculation passage, and a pump fluidically connecting the fluid return tank and the fluid supply tank. In some implementations, a flow of fluid through the flow path body is at a flow rate sufficient to force air bubbles or contaminants through the flow path body.

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8169/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CROSS LINKING THIN ORGANIC COATING RESINS TO SUBSTRATES THROUGH POLYFUNCTIONAL BRIDGING MOLECULES

(51) International classification	:C09D101/00	(71) <b>Name of Applicant :</b> <b>1)HENKEL AG &amp; CO., KGAA</b> Address of Applicant :HENKELSTRASSE 67, D-40589 DUSSELDORF Germany
(31) Priority Document No	:61/054,366	
(32) Priority Date	:19/05/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/044497	(72) <b>Name of Inventor :</b>
Filing Date	:19/05/2009	<b>1)SMITH, THOMAS, S., II</b>
(87) International Publication No	:WO 2009/143140 A1	<b>2)BAMMEL, BRIAN, D.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for providing an anti-corrosion protective coating to a metal substrate that uses a coating composition comprising a resin and a polyfunctional bridging molecule to both bind to the resin and to chelate the bound polymeric resin directly to the metal substrate. One category of polyfunctional bridging molecules preferably includes at least one amine function to bind to a resin and at least one carboxylate, thiol, silane, phenolate, acetoacetonate, imine, phosphate, or phosphonate function to chelate to a metal substrate. It is theorized that the amine function can bind to certain pendent chains in coating resins through a Michael addition reaction while the carboxylate, thiol, silane, phenolate, acetoacetonate, imine, phosphate, or phosphonate functions chelate to the metal substrate. These polyfunctional bridging molecules provide an organic binding of the resin to the metal substrates.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8170/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : COMMUNICATION CABLE WITH IMPROVED CROSSTALK ATTENUATION

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(51) International classification	:H01B11/10, H01B7/18
(31) Priority Document No	:61/054,330
(32) Priority Date	:19/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/044506 :19/05/2009
(87) International Publication No	:WO 2009/143145 A1
(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)GENERAL CABLE TECHNOLOGY CORP.

(72)Name of Inventor :

1)NORDIN, RONALD, A.

2)BOLOURI-SARANSAR, MASUD

3)JENNER, ROYAL O.

4)HOUGHTON, THIMOTHY J. II

5)MCLAUGHLIN, THOMAS G.

6)CORNELISON, KENNETH E.

7)CAMP, DAVID P. II

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(57) Abstract :

The present invention relates to a barrier tape used as part of a communication cable to improve crosstalk attenuation. The barrier tape is provided with one or more barrier layers of discontinuous conductive segments. Conductive segments of one barrier layer are preferably sized and shaped to overlie gaps between conductive segments of another barrier layer.

No. of Pages : 17 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8171/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : FILMS ENABLING AUTOSTEREOSCOPY

(51) International classification	:G02B27/22, G02F1/1335	(71) <b>Name of Applicant :</b> <b>1)3M INNOVATIVE PROPERTIES COMPANY</b> Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(31) Priority Document No	:12/141,352	
(32) Priority Date	:18/06/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US09/044066	<b>1)HUIZINGA, JOHN S.</b>
Filing Date	:15/05/2009	<b>2)BIERNATH, ROLF, W.</b>
(87) International Publication No	:WO 2009/154911 A2	<b>3)KING, VINCENT, W.</b>
(61) Patent of Addition to Application Number	:NA	<b>4)SCHULTZ, JOHN, C.</b>
Filing Date	:NA	<b>5)SYKORA, MICHAEL, J.</b>
(62) Divisional to Application Number	:NA	<b>6)BROTT, ROBERT, L.</b>
Filing Date	:NA	

(57) Abstract :

A stereoscopic 3D liquid crystal display module includes a liquid crystal display panel and a directional backlight positioned to provide light to the liquid crystal display panel. A double sided prism film is disposed between the liquid crystal display panel and the directional backlight. The prism film includes a first surface having a series of cylindrical lenses adjacent the liquid crystal display panel and a second surface, opposite the first surface, having a series of non-contiguous prisms adjacent the directional backlight. Each of the non-contiguous prisms is separated from adjacent prisms by a transmissive flat portion or an opaque portion.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8172/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : INFECTION INHIBITOR

(51) International classification	:C07K14/01, A61K39/12, C07K16/08	(71) <b>Name of Applicant :</b> <b>1)WAGENINGEN UNIVERSITEIT</b> Address of Applicant :COSTERWEG 50, NL-6701 BH WAGENINGEN Netherlands
(31) Priority Document No	:08158717.2	(72) <b>Name of Inventor :</b>
(32) Priority Date	:20/06/2008	<b>1)VLAK, JUSTINUS, MARIA</b>
(33) Name of priority country	:EPO	
(86) International Application No	:PCT/EP09/057653	
Filing Date	:19/06/2009	
(87) International Publication No	:WO 2009/153337 A1	
(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 White Spot Syndrome virus protein and a White Spot Syndrome virus nucleic acid molecule encoding said protein. It also relates to compositions comprising said protein, its use in a vaccine, vaccines comprising said protein and diagnostic tests for the detection of White Spot Syndrome virus specific DNA or antigenic material. Finally it relates to antibodies against said protein.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/11/2010

(21) Application No.7748/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING PIEZOELECTRIC ACTUATOR

(51) International classification	:F02D41/22
(31) Priority Document No	:102008001571.7
(32) Priority Date	:06/05/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/053728
Filing Date	:30/03/2009
(87) International Publication No	:WO 2009/135732
A1	
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, 70442  
STUTTGART Germany

(72)Name of Inventor :

1)ZU, YANQI

2)SCHEMPP, STEFAN

3)DANIC, MICHAEL

4)BITZER, MATTHIAS

(57) Abstract :

The present subject matter relates to a device and a method for monitoring a piezoelectric actuator. According to the present subject matter, it is checked whether a discharge time has an inadmissible value, whether a voltage at the piezoelectric actuator has an inadmissible value, and whether a fault signal is present. A short circuit of a battery is detected, if the three conditions are met. FIG.1

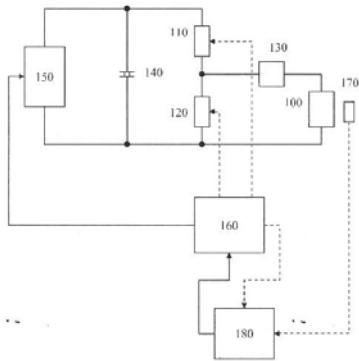


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8190/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : LIQUID DISCHARGE HEAD AND MANUFACTURING METHOD OF THE LIQUID DISCHARGE HEAD

(51) International classification

:B41J2/14, B41J2/16

(31) Priority Document No

:2008-134315

(32) Priority Date

:22/05/2008

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2009/059733

Filing Date

:21/05/2009

(87) International Publication No

:WO 2009/142331

A1

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CANON KABUSHIKI KAISHA

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

(72)Name of Inventor :

1)HATTORI, SHOZO

2)MIYAGAWA, MASASHI

3)MATSUMOTO, RYOICHI

4)KANEKO, TOSHIAKI

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(57) Abstract :

The invention provides, between a discharge element substrate and a supply member, a support member containing a mixture that contains: a material having an affinity for a material forming the supply member; and another material.

No. of Pages : 49 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8191/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : MANUFACTURING METHOD FOR VERY HIGH-STRENGTH COLD-ROLLED DUAL-PHASE STEEL SHEETS AND SHEETS SO PRODUCED

(51) International classification	:C22C38/04, C21D8/02, C23C2/06	(71) <b>Name of Applicant :</b> <b>1)ARCELORMITTAL INVESTIGACION Y DESARROLLO</b> Address of Applicant :CL/CHAVARRI, 6, S-48910 SESTAO, BISKAIA-ESPAÑA Spain
(31) Priority Document No	:08290474.9	(72) <b>Name of Inventor :</b>
(32) Priority Date	:21/05/2008	<b>1)MOULIN, ANTOINE</b>
(33) Name of priority country	:EPO	<b>2)SARDOY, VERONIQUE</b>
(86) International Application No	:PCT/FR09/000574	<b>3)VINCI, CATHERINE</b>
Filing Date	:15/05/2009	<b>4)RESTREPO GARCES, GLORIA</b>
(87) International Publication No	:WO 2009/150319	<b>5)WATERSCHOOT, TOM</b>
	A1	<b>6)GOUNE, MOHAMED</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a cold-rolled and annealed Dual-Phase steel sheet having a strength between 980 and 1100MPa, and a breaking elongation greater than 9 %, of which the composition comprises, the contents being expressed by weight:  $0.055\% \leq C \leq 0.095\%$ ,  $2\% \leq Mn \leq 2.6\%$ ,  $0.005\% \leq Si \leq 0.35\%$ ,  $S \leq 0.005\%$ ,  $P \leq 0.050\%$ ,  $0.1 \leq Al \leq 0.3\%$ ,  $0.05\% \leq Mo \leq 0.25\%$ ,  $0.2\% \leq Cr \leq 0.5\%$ , it being understood that  $Cr+2Mo \leq 0.6\%$ ,  $Ni \leq 0.1\%$ ,  $0.010 \leq Nb \leq 0.040\%$ ,  $0.010 \leq Ti \leq 0.050\%$ ,  $0.0005 \leq B \leq 0.0025\%$ , and  $0.002\% \leq N \leq 0.007\%$ , the remainder of the composition consisting of iron and the inevitable impurities resulting from the smelting.

Figure for abstract: none

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8192/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PROCESS FOR PRODUCING ELECTRODES FOR SOLAR CELLS

(51) International classification	:H01L31/18
(31) Priority Document No	:08158506.9
(32) Priority Date	:18/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/057103
Filing Date	:09/06/2009
(87) International Publication No	:WO 2009/153192 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)LOCHTMAN, RENE

2)WAGNER, NORBERT

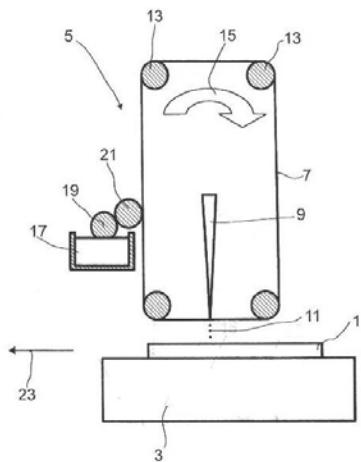
3)KACZUN, JURGEN

4)PFISTER, JURGEN

(57) Abstract :

The invention relates to a process for producing electrodes for solar cells, the electrode being configured as an electrically conductive layer on a substrate (1) for solar cells, in which, in a first step, a dispersion comprising electrically conductive particles is transferred from a carrier (7) to the substrate (1) by irradiating the dispersion with a laser (9) and, in a second step, the dispersion transferred to the substrate (1) is dried and/or hardened to form the electrically conductive layer. (Figure 1)

FIG.1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8205/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AN AQUEOUS LUBRICANT EMULSION FOR MEDICAL OR APPARATUS AND A METHOD OF WASHING

(51) International classification	:C08L91/00, C09D4/00, C09D101/00	(71) <b>Name of Applicant :</b> <b>1)3M INNOVATIVE PROPERTIES COMPANY</b> Address of Applicant :3M CENTER, POST OFFICE, BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(31) Priority Document No	:200810128864.6	(72) <b>Name of Inventor :</b>
(32) Priority Date	:20/06/2008	<b>1)XIE, YING WEI</b>
(33) Name of priority country	:China	<b>2)JIA, XIAOLEI</b>
(86) International Application No Filing Date	:PCT/US09/047921 :19/06/2009	
(87) International Publication No	:WO 2009/155495 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

An aqueous lubricant emulsion for medical or food apparatus, comprising: (a) 5 wt% to 30 wt% of a mineral oil; (b) 5 wt % to 30 wt% of an emulsifier system consisting of two emulsifiers selected from the group consisting of sorbitan fatty acid ester, polyoxyethylene sorbitan fatty acid ester, oleyl alcohol ether, triethanolamine oleate, wherein the mass ratio of the two emulsifiers is in a range of 2:8 to 8:2; (c) 0.5 wt% to 5 wt% of one or more coemulsifiers selected from the group consisting of fatty alcohols, long-chain fatty acids, and diisooctyl succinate sulfonates; and (d) the balance of water. A method for washing medical or food apparatus including the step of subjecting the medical or food apparatus to a treatment using the lubricant emulsion according to the invention after a washing step for the medical or food apparatus is also described.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8173/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD AND NETWORK ELEMENT FOR IMPLEMENTING A CUSTOMIZED VIDEO SERVICE IN IMS NETWORKS

(51) International classification	:H04M3/42	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)LUCENT TECHNOLOGIES INC.</b>
(32) Priority Date	:NA	Address of Applicant :600-700 MOUNTAIN AVENUE PO
(33) Name of priority country	:NA	BOX 636, MURRAY HILL, NEW JERSEY 07974-0636 U.S.A.
(86) International Application No	:PCT/CN08/071504	(72) <b>Name of Inventor :</b>
Filing Date	:01/07/2008	<b>1)ZHAO, JIHONG</b>
(87) International Publication No	:WO 2010/000106	<b>2)SUN YI</b>
	A1	<b>3)LIAO, HUI</b>
(61) Patent of Addition to Application Number	:NA	<b>4)LUO, YUTANG</b>
Filing Date	:NA	<b>5)XU, HAIBIN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention proposes a method for implementing a customized video service in IMS networks and a network element for controlling sessions between terminals, wherein a first terminal is calling a second terminal under the control of a first network element, and the second terminal has subscribed a customized video service provided by a second network element. The method comprises: the first network element transmits to the second network element a message of requesting for playing video to the first terminal which includes media information about the first terminal, after having known that the second terminal has the customized video service; the second network element transmits to the first network element an acknowledgement with information on the video to be played, if it determines that the first terminal supports the format of video to be played based on the media information about the first terminal; the first network element transmits to the second network element a message with information on the customized video service, and transmits to the first terminal a reply with the media information of video to be played after having received from the second network element a response with the media information of video to be played; and a media path is established between the first terminal and the second network element, thereby the video customized by the second terminal being played to the first terminal, and the call request sent by the first terminal while calling the second terminal is forwarded to the second terminal by the first network element.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8174/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SOLAR SYSTEMS THAT INCLUDE ONE OR MORE SHADE-TOLERANT WIRING SCHEMES

(51) International classification	:H01L31/052
(31) Priority Document No	:61/128,009
(32) Priority Date	:16/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/003051
Filing Date	:15/05/2009
(87) International Publication No	:WO 2009/139918
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SOLIANT ENERGY, INC.

Address of Applicant :717 S. MYRTLE AVENUE,  
MONROVIA, CALIFORNIA 91016. U.S.A.

(72)Name of Inventor :

1)BAKER, JAMES, T.

2)HAYTHORNTWHAITE, CHARLES, R.

3)HINES, BRADEN, E.

4)JOHNSON, RICHARD, L., JR.

5)TURK, MICHAEL, F.

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(57) Abstract :

The present invention provides shade tolerant wiring solutions for solar systems. Elements are grouped and wired in parallel within a group such that the total current of a group is substantially the same among multiple groups. Such a writing scheme can be applied to solar targets (e.g; solar cells) solar submodules and solar modules.

No. of Pages : 51 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8175/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : MULTIVARIABLE PROCESS FLUID FLOW DEVICE WITH ENERGY FLOW CALCULATION

(51) International classification	:G01F1/34, G01N33/22, G05B19/00	(71) <b>Name of Applicant :</b> <b>1)ROSEMOUNT INC.</b> Address of Applicant :12001 TECHNOLOGY DRIVE, EDEN PRAIRIE, MINNESOTA 55344 U.S.A.
(31) Priority Document No	:61/055,730	(72) <b>Name of Inventor :</b>
(32) Priority Date	:23/05/2008	<b>1)WIKLUND, DAVID, E.</b>
(33) Name of priority country	:U.S.A.	<b>2)KLEVEN, LOWELL, A.</b>
(86) International Application No	:PCT/US09/045016	
Filing Date	:22/05/2009	
(87) International Publication No	:WO 2009/143447	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process fluid flow device (12) includes a power supply module (24), a process communication module (20), a processor (26) and measurement circuitry (28). The process communication circuitry (20) is coupled to the power supply module (24) and to the processor (26). The measurement circuitry (28) is operably coupleable to plurality of process variable sensors to obtain an indication of differential pressure, static pressure and process fluid temperature. The processor (26) is configured to compute process fluid mass flow, and to use the static pressure and process fluid temperature to obtain an energy per unit mass value relative to the process fluid and to provide an energy flow indication.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8177/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PROCESS AND APPARATUS FOR CARRYING OUT MULTI-PHASE REACTIONS

(51) International classification	:B01J19/24
(31) Priority Document No	:08157978.1
(32) Priority Date	:10/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/NL2009/050322
Filing Date	:10/06/2009
(87) International Publication No	:WO 2009/151322 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUUR WETENSCHAPPELIJK ONDERZOEK TNO  
Address of Applicant :SCHOEMAKERSTRAAT 97, 2628

VK DELFT Netherlands

(72)Name of Inventor :

1)ANNEMIEKE VAN DE RUNSTRAAT  
2)PETER GEERDINK  
3)EARL LAWRENCE VINCENT GOETHEER

(57) Abstract :

The invention is directed to a process and apparatus for carrying out reactions with reaction mixtures comprising different physical phases. In a first aspect, the present invention is directed to a process for carrying out chemical reactions comprising a step wherein a reaction mixture comprising at least two different physical phases, wherein at least one of these phases being liquid, is subjected to the action of Dean vortices, which Dean vortices result from said liquid flowing through a channel having at least two curvatures, wherein the channel comprises for at least a fraction of its total length a smooth inner surface.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8188/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SCREW FASTENING STRUCTURE WITH HIGH-STRENGTH SELF-FORMING SCREW

(51) International classification	:F16B5/02, F16B25/06	(71) <b>Name of Applicant :</b> <b>1)KABUSHIKI KAISHA TOPURA</b> Address of Applicant :201 SOYA, HADANO-SHI, KANAGAWA 2570031. Japan
(31) Priority Document No	:2008-182482	
(32) Priority Date	:14/07/2008	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/JP2008/003641	<b>1)MORI, SHIGETO</b>
Filing Date	:08/12/2008	<b>2)UMADA, AKIHIDE</b>
(87) International Publication No	:WO 2010/007649 A1	<b>3)MATSUNO, MAYUMI</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a tightening structure with which a reduction in processing steps is achieved without modifying the shape of a partner member and improvements in bolt strength and fatigue strength are achieved, and with which the fitting length of a thread ridge is not altered greatly in comparison with a conventional tightening structure such that a size reduction can be achieved, thereby contributing greatly to a reduction in the weight of a vehicle. A self-forming screw having a strength of 14T, which is manufactured by pre-heat treatment rolling and gradually self-forms an internal screw, is used as a tightening bolt, and a member having a prepared hole formed by casting alone or by forging alone, while not yet being subjected to screw formation, is used as a member into which the self-forming screw is screwed. Following tightening of an attachment member, the tightening structure has a percentage of thread engagement of 75 to 90% between the internal screw formed through self-forming and an external screw, and a fitting length of d to 2.2 d (in the case of a steel cast member or a steel forged member, d being the screw diameter), or of d to 2.5 d (in the case of an aluminum die-cast member) which is obtained between the screw and the prepared hole. Moreover, the screw is fastened through self-forming, and therefore no clearance is generated on a contact surface between the external screw and the internal screw.

No. of Pages : 28 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8189/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : IMPROVED CONFIGURATION OF A MULTIVARIABLE PROCESS FLUID FLOW DEVICE

(51) International classification	:G01F25/00, G05B15/00, G06F17/00	(71) <b>Name of Applicant :</b> <b>1)ROSEMOUNT INC.</b> Address of Applicant :12001 TECHNOLOGY DRIVE, EDEN PRAIRIE, MINNESOTA 55344. U.S.A.
(31) Priority Document No	:61/055,709	(72) <b>Name of Inventor :</b>
(32) Priority Date	:23/05/2008	<b>1)WIKLUND, DAVID, E.</b>
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/045005 :22/05/2009	
(87) International Publication No	:WO 2009/143438 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method (50, 80, 110) of providing configuration information for a process fluid flow device (10) is provided. The method includes receiving a process fluid selection (54, 88, 116) and providing at least one selectable fluid property relative to the selected process fluid and receiving at least one process fluid property selection (60, 94, 122). Information relative to a primary element is also received (66,100,128). Reception of a reset (56, 62,68, 90, 96,102,118, 124, 130) relative to the process fluid selection (54, 88, 116), the process fluid property (60, 94, 122), and the primary element selection (66, 100, 128), clears the respective information. The configuration information is provided (102) to a process fluid flow device (10) based on the process fluid selection, the process fluid property and the primary element information.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8210/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHOD FOR BACKHAUL INTERFERENCE MANAGEMENT WITH ACCESS TERMINAL ROUTER

(51) International classification	:H04W72/12	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/131,953	<b>1)ALCATEL-LUCENT USA INC.</b>
(32) Priority Date	:14/06/2008	Address of Applicant :600-700 MOUNTAIN AVENUE, MURRAY HILL, NEW JERSEY 07974-0636 U.S.A.
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US09/003556	<b>1)RAO, SUDARSHAN, A.</b>
Filing Date	:12/06/2009	<b>2)VASUDEVAN, SUBRAMANIAN</b>
(87) International Publication No	:WO 2009/151641	<b>3)ZOU, JIALIN</b>
	A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An enhanced access terminal (AT) that can serve as a proxy wireless over-the-air backhaul or relay is provided, to connect a base station with no backhaul to its neighboring fully functional base station that is connected to the NMS. In a further embodiment, an architecture and protocol for storing and retrieving data at the base station lacking backhaul is provided, and, using that information, a mechanism by which the ATR can communicate the format information to the source to improve interference cancellation at the base station lacking backhaul, and neighboring base stations, due to backhaul transmission from the ATs routing and relaying capability.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8178/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DETECTION OF ANOMALIES IN TRAFFIC TRANSMITTED BY A MOBILE TERMINAL WITHIN A RADIOPHYSICAL NETWORK

(51) International classification	:H04W12/12, H04W24/08
(31) Priority Document No	:0853903
(32) Priority Date	:12/06/2008
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2009/057245 :11/06/2009
(87) International Publication No	:WO 2009/150205 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALCATEL LUCENT

Address of Applicant :3, AVENUE OCTAVE GREARD,  
75007 PARIS France

(72)Name of Inventor :

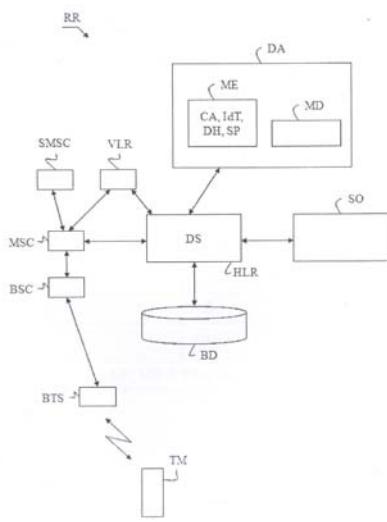
1)JEAN-MARIE DUBOIS

2)RENE RAYNAUD

(57) Abstract :

To detect an anomaly in traffic sent by at least one mobile terminal (TM) in a radio communication network, a device capable of communicating with a radio communication network (RR) location register (HLR) comprises an evaluation module (ME) to increase, for a predetermined time interval, an authentication account (CA) assigned to the mobile terminal when security data (DS) are transmitted to a network unit to authenticate the mobile terminal, to detect an anomaly in the traffic sent by the mobile terminal if the authentication account exceeds a predefined upper limit value upon expiration of the predetermined time interval, and to transmit a message concerning such traffic anomaly to a unit in the network in charge of taking the necessary measures to eliminate said anomaly. Figure to publish: 1

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/12/2010

(21) Application No.8179/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DYNAMIC FILTERING FOR ADJACENT CHANNEL INTERFERENCE SUPPRESSION

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(51) International classification	:H04B1/10
(31) Priority Document No	:12/165,667
(32) Priority Date	:01/07/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/0489331
Filing Date	:30/06/2009
(87) International Publication No	:WO 2010/002946 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)**Name of Applicant :**

**1)QUALCOMM INCORPORATED**

Address of Applicant :INTERNATIONAL IP  
ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN  
DIEGO, CALIFORNIA 92121-1714 U.S.A.

(72)**Name of Inventor :**

**1)HONGBO YAN**

(57) Abstract :

A method for adjacent channel interference suppression comprises the steps of receiving a composite signal including a signal of interest and possibly one or more adjacent channel interferers, measuring the signal of interest and the possibly one or more adjacent channel interferers, and adjusting a location of at least one dynamic filter to extract the signal of interest. A receiver apparatus comprises an antenna configured to receive a composite signal including a signal of interest and possibly one or more adjacent channel interferers, an interference measurement circuit configured to measure the signal of interest and the possibly one or more adjacent channel interferers, at least one dynamic filter configured to extract the signal of interest, and a processor configured to adjust a location of at least one dynamic filter to extract the signal of interest.

No. of Pages : 23 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8220/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : ENZYMATIC PROCESS

(51) International classification	:A23J3/34, A23L1/03, A23L1/22	(71) <b>Name of Applicant :</b> <b>1)GIVAUDAN SA</b> Address of Applicant :CHEMIN DE LA PARFUMERIE 5, CH-1214 VERNIER Switzerland
(31) Priority Document No	:61/074,167	
(32) Priority Date	:20/06/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/CH2009/000201	<b>1)BHOWMIK, TARUN</b>
Filing Date	:15/06/2009	<b>2)MYAKA, STEFKA, IVANOVA</b>
(87) International Publication No	:WO 2009/152627 A2	<b>3)VAN LEERSUM, JOHAN, PETER</b>
(61) Patent of Addition to Application Number	:NA	<b>4)SMITH, ROY, WADE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided is an enzymatic process that hydrolyzes spinach plant material to form a salt-enhancing ingredient, the formed salt-enhancing ingredient, food products comprising said salt-enhancing ingredient and a method of enhancing the salty taste of food products.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8221/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DUAL LASER SCORED BLISTER PACKAGE COVER

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(51) International classification	:B65D75/32
(31) Priority Document No	:61/055,296
(32) Priority Date	:22/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/044660
Filing Date	:20/05/2009
(87) International Publication No	:WO 2009/143234
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

**1)WM. WRIGLEY JR. COMPANY**

Address of Applicant :1132 WEST BLACKHAWK STREET,  
CHICAGO, IL 60622 U.S.A.

(72)Name of Inventor :

**1)STOJEK, KRISTY, L.**

(57) Abstract :

A rupturable blister package multilayer cover sheet comprises a top and bottom layers having dual aligned laser scores and at least one non-laser scored intermediate layer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8222/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : COMPRESSOR HOUSING FOR TURBOCHARGER

(51) International classification	:F02B39/00, F04D29/42, F04D29/66	(71) <b>Name of Applicant :</b> <b>1)IHI CORPORATION</b> Address of Applicant :1-1, TOYOSU 3-CHOME, KOTO-KU, TOKYO 135-8710 Japan
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)KOIKE, ATSUSHI</b>
(33) Name of priority country	:NA	<b>2)IIZUKA, KIYOKAZU</b>
(86) International Application No	:PCT/JP08/061012	<b>3)MATSUHASHI, FUMIE</b>
Filing Date	:17/06/2008	<b>4)KOBAYASHI, TAKAHIRO</b>
(87) International Publication No	:WO 2009/153854	<b>5)TAKEI, NOBUO</b>
	A1	<b>6)TAKAHASHI, YUKIO</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compressor impeller 2 has a plurality of long blades 2a and short blades 2b alternately arranged in a circumferential direction, and an inner surface of a compressor housing 10 is provided with an annular groove 12 which surrounds vicinities of leading edge tip portions of the short blades 2b in a circumferential direction and is concave outward so as not to communicate with a suction port of a compressor.

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8223/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PRESSURE TANK FOR INTERNAL COMBUSTION ENGINES

(51) International classification	:F17C13/00
(31) Priority Document No	:10 2008 001 847.3
(32) Priority Date	:19/05/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2008/066692
Filing Date	:03/12/2008
(87) International Publication No	:WO 2009/141020
A1	
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

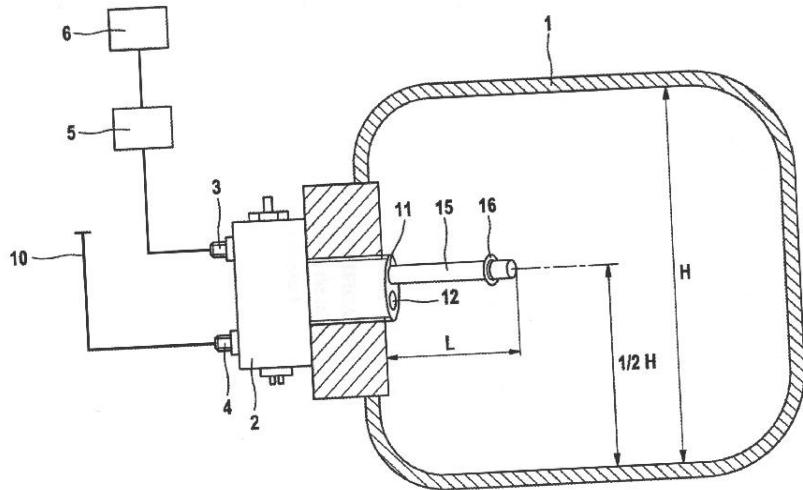
Address of Applicant :POSTFACH 30 02 20, 70442  
STUTTGART Germany

(72)Name of Inventor :

1)GLUSCHKE, ALEXANDER  
2)FOERSTER, JUERGEN  
3)MENGLER, CHRISTIAN  
4)ALLGEIER, THORSTEN  
5)LANGER, WINFRIED

(57) Abstract :

The present subject matter relates to a pressure tank (1) for gas powered internal combustion engines. The pressure tank (1) includes a tank valve (2) and a gas extraction pipe (15) protruding into the pressure tank (1) and disposed on the tank valve (2). According to the present subject matter, an oil separation means (16) is provided on a circumference of the gas extraction pipe (15).



No. of Pages : 7 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8211/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : DISPLAY DEVICE, PIXEL CIRCUIT, AND METHOD FOR DRIVING SAME

(51) International classification	:G09G3/30, G09G3/20, H01L51/50	(71) <b>Name of Applicant :</b> <b>1)SHARP KABUSHIKI KAISHA</b> Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(31) Priority Document No	:2008-131568	(72) <b>Name of Inventor :</b>
(32) Priority Date	:20/05/2008	<b>1)OHHASHI, SEIJI</b>
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP09/052477	
Filing Date	:16/02/2009	
(87) International Publication No	:WO 2009/142033 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A display device has a pixel circuit (100) including: a drive element (110) provided on a path connecting a first wiring line (Vp) to a second wiring line (Vcom), having a control terminal, a first terminal, and a second terminal, and controlling a current flowing through the path; an electro-optic element (130) provided in series with the drive element (110) on the path, being connected to the first terminal of the drive element (110), and emitting light at a luminance according to the current flowing through the path; a first switching element (111) provided between the first terminal of the drive element (110) and a data line (Sj); a second switching element (112) provided between the control terminal and the second terminal of the drive element (110); a third switching element (113) provided between the second terminal of the drive element (110) and the first wiring line (Vp); and a capacitor (121) provided between the control terminal of the drive element (110) and a third wiring line (Ui). In the display device, a potential at which a voltage applied to the electro-optic element (130) is a light-emission threshold voltage or less is provided to the data line (Sj), and a potential of the third wiring line (Ui) changes in two levels.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8212/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : ROLLER PRESS COMPRISING A GEAR COUPLING

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(51) International classification	:B02C4/42, B02C4/02
(31) Priority Document No	:20 2008 008 137.8
(32) Priority Date	:19/06/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP09/057543 :17/06/2009
(87) International Publication No	:WO 2009/153290 A1
(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)KHD HUMBOLDT WEDAG GMBH

Address of Applicant :COLONIA-ALLEE 3, 51067 KOLN  
Germany

(72)Name of Inventor :

1)FRANGENBERG, MEINHARD

(57) Abstract :

The invention relates to a roller press comprising at least two rotatably mounted, counter-rotating rollers, separated by a roller nip, wherein atleast one roller is driven by a gear (2).According to the invention, a coupling is situated between the gear (2) and the driven roller or rollers. The advantage of the invention is that it provides a connection between the drive and the milling roller which permits simple, rapid disassembly and assembly of the connection between the shaft and the drive

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8213/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AN ELECTROHYDRAULIC ACTUATOR WITH A PUMP INCORPORATED IN THE PISTON

(51) International classification	:F15B15/18
(31) Priority Document No	:08 03370
(32) Priority Date	:17/06/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR09/000701
Filing Date	:12/06/2009
(87) International Publication No	:WO 2009/153444 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MESSIER-DOWTY SA

Address of Applicant :ZONE AERONAUTIQUE LOUIS,  
BREGUET, 78140 VELIZY VILLACOUBLAY France

(72)Name of Inventor :

1)SCHMIDT, ROBERT KYLE

(57) Abstract :

The invention relates to an electrohydraulic actuator comprising a body (1) that defines a cylindrical cavity (2) in which a piston (3) slides in leaktight manner and divides an inside volume of the cavity into two chambers (A, B) of variable volume, the piston being associated with at least one rod (4) passing in leaktight manner through an end wall of the cavity, the actuator including a bidirectional pump (5) having two ports (P1, P2), each connected to one of the chambers, an electric motor (8) for selectively driving the pump in one direction or the other, the pump being placed inside the piston of the actuator so as to move together therewith. According to the invention, the motor is placed at the end of the actuator and drives a shaft of non-circular section (6) extending through the cavity parallel to a sliding direction of the piston (3) and of the rod (4), the shaft passing through the piston (3) to co-operate with a complementary drive member (11; 21) of the pump that slides freely along the shaft during movements of the rod but that is driven in rotation when the shaft turns under drive from the electric motor.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8214/CHENP/2010 A

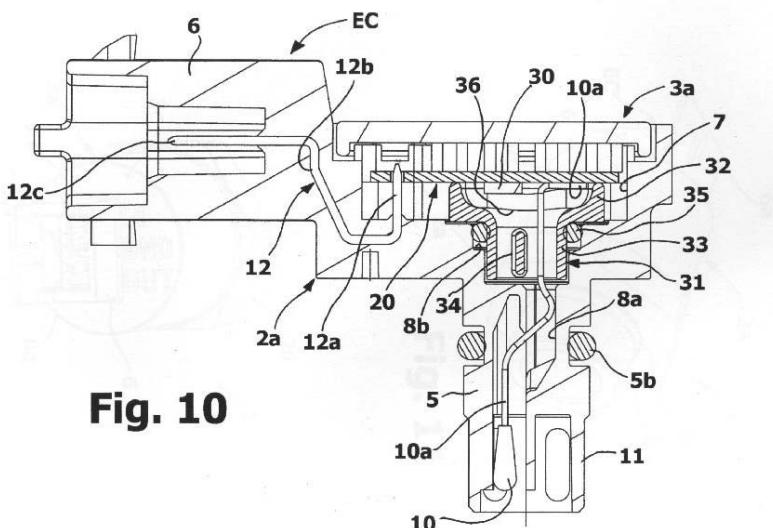
(43) Publication Date : 26/08/2011

(54) Title of the invention : PRESSURE SENSOR DEVICE

(51) International classification	:G01L9/00	(71) <b>Name of Applicant :</b> 1)ELTEK S.P.A. Address of Applicant :STRADA VALENZA, 5A, I-15033 CASALE MONFERRATO (ALESSANDRIA) Italy
(31) Priority Document No	:TO2008A000483	
(32) Priority Date	:19/06/2008	
(33) Name of priority country	:Italy	
(86) International Application No	:PCT/IB09/052578	
Filing Date	:17/06/2009	
(87) International Publication No	:WO 2009/153741	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pressure sensor device comprises: - a casing (2a, 3a) defining a cavity (7) with an inlet passage (8a, 8b), - a pressure sensor (30) having a body accommodated in the cavity (7), for detecting the pressure of a fluid present in the inlet passage (8a, 8b), - a circuit arrangement including a circuit support (20) at least partially accommodated in the cavity (7) according to a respective laying plane, the pressure sensor (30) being mounted on the circuit support (20). Associated to the circuit support (20) is a protection body (31) surrounding the pressure sensor (30), the protection body (31) externally defining a seat for positioning a respective seal member (35), in particular a radial seal gasket, intended to cooperate with an internal surface of the casing (2a, 3 a). (Figure 10)



**Fig. 10**

No. of Pages : 38 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8206/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DISMOUNTING AND MOUNTING METHODS FOR COUPLING AND ELECTROPHOTOGRAPHIC PHOTOSENSITIVE DRUM UNIT

(51) International classification	:G03G21/18, G03G15/00	(71) <b>Name of Applicant :</b> <b>1)CANON KABUSHIKI KAISHA</b> Address of Applicant :30-2, SHIMOMARUKO 3-CHOME, OHTA-KU, TOKYO Japan
(31) Priority Document No	:2008-161527	(72) <b>Name of Inventor :</b>
(32) Priority Date	:20/06/2008	<b>1)BATORI, YOSHIYUKI</b>
(33) Name of priority country	:Japan	<b>2)HARA, NOBUYOSHI</b>
(86) International Application No	:PCT/JP09/061266	
Filing Date	:15/06/2009	
(87) International Publication No	:WO 2010/004854 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A coupling member dismounting method for dismounting, from a drum flange mounted to an electrophotographic photosensitive drum usable with a process cartridge which is detachably mountable to a main assembly of an electrophotographic image forming apparatus, a coupling member for receiving a rotating force for rotating the electrophotographic photosensitive drum from the main assembly of the apparatus in a state in which the process cartridge is mounted to the main assembly of the apparatus, the method including (i) an inclining step of inclining the coupling member relative to a rotational axis of the drum flange, wherein the coupling member includes a rotating force receiving member having, at a free end portion, a rotating force receiving portion for receiving the rotating force, a spherical portion mounted to a rear end portion of the rotating force receiving member by a pin penetration; (ii) a pin urging step of pushing the pin from one end to the other end thereof, wherein the one and the other ends of the pin are projected out of the spherical portion in a state in which the coupling member is inclined by the inclining step; wherein a regulating portion provided along an inside of the drum flange with a gap between the spherical portion and the regulating portion and has a configuration nearer to a spherical surface of the free end portion than a flat plane which is perpendicular to a longitudinal direction of the electrophotographic photosensitive drum and which passes through a center of the spherical portion, and wherein the regulating portion includes a first surface extending from the regulating portion in a direction away from the coupling member toward the free end portion with respect to the longitudinal direction, and a second surface bent from the first surface extending from the regulating portion in a direction away from the coupling member toward the free end portion with respect to the longitudinal direction, (iii) a pin riding step of making a part of the pin which is further projected at the end by the pin urging step ride on the second surface; and (iv) a coupling member dismounting step of dismounting the coupling member from the drum flange by applying a force to a free end portion of the coupling member toward a fulcrum which is the portion of the pin riding on the second surface.

No. of Pages : 97 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8207/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PREPARATION OF GLUTARALDEHYDE

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(51) International classification	:C07C47/12, C07C45/60, C07C45/82
(31) Priority Document No	:61/073,885
(32) Priority Date	:19/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US09/046730 :09/06/2009
(87) International Publication No	:WO 2009/155169 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(71)Name of Applicant :

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Address of Applicant :2040 DOW CENTER, MIDLAND,  
MICHIGAN 48674 U.S.A.

(72)Name of Inventor :

1)GARTNER, CHARLES, D.

2)LIGON, TIMOTHY, D.

(57) Abstract :

Provided is a process for the preparation of glutar aldehyde. The process comprises reacting an alkoxydihydropyran with water in the presence of an acidic catalyst that is located external to the distillation column used for distilling the alcohol, thereby increasing taraldehyde yield and decreasing the level of alkoxydihydropyran contamination in the alcohol.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8208/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CALIBRATING RADIOFREQUENCY PATHS OF A PHASED-ARRAY ANTENNA

(51) International classification	:H01Q3/26, H04B17/00	(71) <b>Name of Applicant :</b> <b>1)ALCATEL-LUCENT USA INC.</b> Address of Applicant :600-700 MOUNTAIN AVENUE, MURRAY HILL, NEW JERSEY 07974-0636 U.S.A.
(31) Priority Document No	:12/124,493	
(32) Priority Date	:21/05/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US09/002805	<b>1)RAO, SUDARSHAN, A.</b>
Filing Date	:06/05/2009	<b>2)WU, KAM, H.</b>
(87) International Publication No	:WO 2009/142691 A1	<b>3)YUAN, YIFEI</b>
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method of calibrating base station comprising a plurality of antennas and operating in an Orthogonal Frequency Division Multiplex (OFDM) and Time Division Duplex (TDD) mode. One embodiment of the method includes a method of calibrating a base station comprising a plurality of antennas for beamsteering forward link traffic data to a target mobile in a TDD wireless communication system. Each antenna is connected to a corresponding radio via a transmit/receive switch that is configured to switch between a receive path and a transmit path. The method includes transmitting a first signal from a first radio via a first cross-over cable coupled to the first radio and a second radio such that the first signal is received by the second radio. The method also includes transmitting a second signal from the second radio via a second cross-over cable coupled between the first and second radios such that the second signal is received by the first radio. The method further includes determining, based on at least one of the first or second signals, a relative weight that can be applied to traffic signals transmitted from the second radio.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8224/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PIPERIDINYL GPCR AGONISTS

(51) International classification	:C07D401/04, C07D401/14, A61K31/506
(31) Priority Document No	:0812646.8
(32) Priority Date	:10/07/2008
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2009/050825 :10/07/2009
(87) International Publication No	:WO 2010/004343 A1
(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)JEEVARATNAM, REVATHY, PERPETUA**

**4)KEILY, JOHN**

**5)KRULLE, THOMAS, MARTIN**

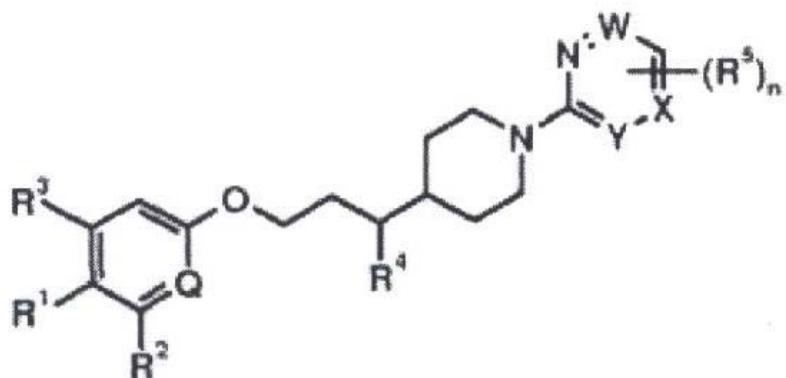
**6)RASAMISON, CHRYSTELLE, MARIE**

**7)SAMBROOK-SMITH, COLIN, PETER**

**8)SWAIN, SIMON, ANDREW**

(57) Abstract :

Compounds of formula (I):or pharmaceutically acceptable salts thereof, are GPCR agonists and are useful as for the treatment of diabetes and obesity.



No. of Pages : 78 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8225/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : ANTI-CD5 ANTIBODIES

(51) International classification	:C07K16/28, A61K39/395, A61P35/02	(71)Name of Applicant : <b>1)SYMPHOGEN A/S</b> Address of Applicant :ELEKTROVEJ BUILDING 375, DK- 2800 KGS. LYNGBY Denmark
(31) Priority Document No	:PA 2008 01191	(72)Name of Inventor :
(32) Priority Date	:29/08/2008	<b>1)KLITGAARD, JOSEPHINE, L., K.</b>
(33) Name of priority country	:Denmark	<b>2)PYKE, CHARLES</b>
(86) International Application No Filing Date	:PCT/DK2009/050218 :28/08/2009	<b>3)PEDERSEN, MIKKEL, WANDAHL</b>
(87) International Publication No	:WO 2010/022737 A1	<b>4)KOEFOED, KLAUS</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention relates to the field of compositions comprising anti-CD5 antibodies. In particular, the present invention concerns an antibody composition comprising at least two anti-CD5 antibodies capable of binding distinct CD5 epitopes. The invention further concerns bi-specific molecules having the binding specificities of said antibody compositions. The invention also relates to pharmaceutical compositions, use of antibody compositions and methods for manufacturing antibody compositions. The invention further relates to cell banks and a method for killing cells.

No. of Pages : 223 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8226/CHENP/2010 A

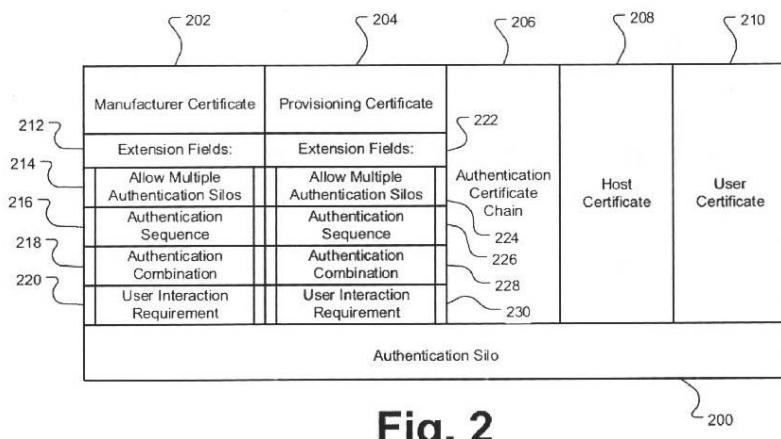
(43) Publication Date : 26/08/2011

(54) Title of the invention : AUTHORIZATION FOR TRANSIENT STORAGE DEVICES WITH MULTIPLE AUTHENTICATION SILOS

(51) International classification	:G06F21/02, G06F12/16, G06F21/00	(71) <b>Name of Applicant :</b> <b>1)MICROSOFT CORPORATION</b> Address of Applicant :ONE MICROSOFT WAY, REDMOND, WA 98052-6399 U.S.A.
(31) Priority Document No	:12/146,066	(72) <b>Name of Inventor :</b>
(32) Priority Date	:25/06/2008	<b>1)BOVEE, JAMES</b>
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/044655 :20/05/2009	
(87) International Publication No	:WO 2009/158082 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a transient storage device (TSD) (100) with multiple authentication silos (302, 304, 406, 308, 310), a host computing device connected to the TSD (100) is configured by the TSD (100) to discover and act upon various types of authentication information in the silos. One or more logical combinations of authentication silos are switched to the authenticated state to grant access to an associated storage area (406). A particular ordering of authentication silos (408) may be: required to achieve a valid combination of authenticated silos (418); suggested by configuration information in the TSD; and based upon whether or not user input is required for authenticating a given authentication silo (412), the environment of use of the TSD, or a hierarchy from most trusted to least trusted authentication silo. With this information, the host proceeds with the most efficient authentication sequence leading to an access grant to the storage area (410). FIG.2



**Fig. 2**

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8227/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SECURE CONFIGURATION OF TRANSIENT STORAGE DEVICES

(51) International classification	:G11B20/12
(31) Priority Document No	:12/145,524
(32) Priority Date	:25/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/044651
Filing Date	:20/05/2009
(87) International Publication No	:WO 2009/158081 A3
(61) 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,  
REDMOND, WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)BOVEE, JAMES

(57) Abstract :

Extension fields (212) in a provisioning certificate (204) in the authentication silo (200) of a transient storage device (TSD)(100) are used to provide secure configuration options for TSDs while operating within the constraints of the current IEEE 1667 standard. Immutable values for configurable settings of the storage device (100) are set in extension fields (212) of a provisioning certificate (204). The provisioning certificate (204) is then installed on the storage device (100). The method takes advantage of properties unique to the IEEE 1667 certificate silo specification and ITU-T X.509 certificate specification, while satisfying the security requirements for device configuration and taking advantage of the existing standards definitions as they are, without modification. An administrator may choose to set several device settings, for example, the number of addressable command targets (ACTs) (218), the portion of total data storage area allocated to each ACT (214), and access settings (220, 222). Fig. 2

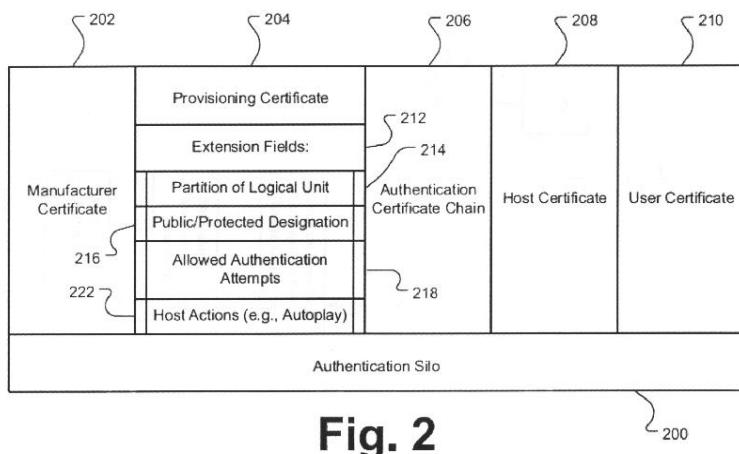


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8228/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : MAINTENANCE OF EXO-FILE SYSTEM METADATA ON REMOVABLE STORAGE DEVICE

(51) International classification	:G06F13/10, G06F12/00, G06F9/06
(31) Priority Document No	:12/146,024
(32) Priority Date	:25/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/044678 :20/05/2009
(87) International Publication No	:WO 2009/158084 A3
(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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REDMOND, WA 98052-6399 U.S.A.

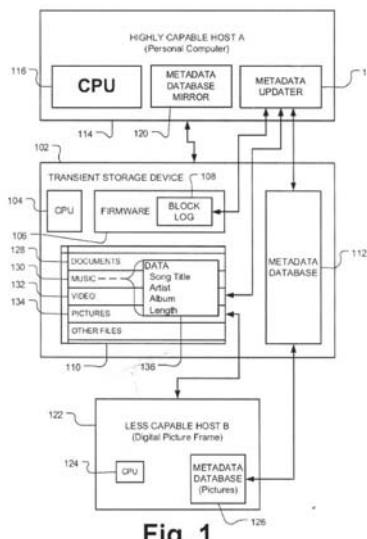
(72)Name of Inventor :

1)BOVEE, JAMES

2)SADOVSKY, VLAD

(57) Abstract :

A host computing device (114)/transient storage device (102) (TSD) interface eliminates the need for a full directory crawl of the storage volume on the TSD to maintain a metadata database (112). The metadata database (112) is incrementally updated instead of being completely regenerated on every connection between the TSD (102) and a highly capable host (114). Accordingly, host device (114) more efficiently tracks and maintains exo-file system metadata (120). Host devices (114, 122) discover and use this new TSD function to efficiently update the metadata database (112). Host devices (114, 122) provide parameters governing the operation of the TSD (102) to the TSD (102). Cooperatively, the TSD (102) logs addresses corresponding to storage locations of data changes on the storage volume (110) and, upon discovering a capability of the host device (114) to update the metadata database (112), the TSD (102) provides discovery to the host device (114).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8215/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PEPTIDE MANUFACTURING PROCESS

(51) International classification	:C07K7/08, C07K1/06	(71) <b>Name of Applicant :</b> <b>1)SOLVAY (SOCIETE ANONYME)</b> Address of Applicant :33, RUE DU PRINCE ALBERT, B-1050 BRUSSELS Belgium
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:PCT/EP08/057637 :17/06/2008	(72) <b>Name of Inventor :</b> <b>1)CALLENS, ROLAND</b> <b>2)JEANNIN, LAURENT</b> <b>3)BLONDEEL, GEORGES</b>
(87) International Publication No	:WO 2009/152850 A1	
(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 process for the manufacture of peptide Omiganan in solution phase. The invention also relates to novel intermediates in the process for the manufacture of Omiganan and to processes for the manufacture of these intermediates. Figure 1.

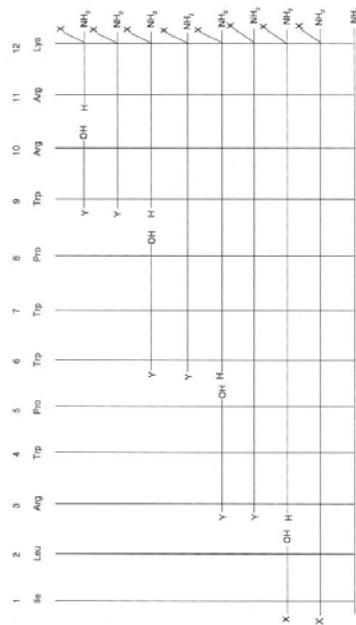


Fig. 1

No. of Pages : 36 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8216/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : BONE SCREW PURCHASE AUGMENTATION IMPLANTS, SYSTEMS AND TECHNIQUES

(51) International classification	:A61B17/68, F16B13/00	(71) <b>Name of Applicant :</b> <b>1)SYNTHES GMBH</b> Address of Applicant :EIMATTSTRASSE 3, CH-4436 OBERDORF Switzerland
(31) Priority Document No	:61/073,998	
(32) Priority Date	:19/06/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US09/048055	<b>1)KALE, SHREEDHAR</b>
Filing Date	:19/06/2009	<b>2)CHIEN, DENNIS</b>
(87) International Publication No	:WO 2009/155577 A3	<b>3)DELURIO, ROBERT, J.</b>
(61) Patent of Addition to Application Number	:NA	<b>4)COMPTON, CURTIS</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a system, device, instruments and methods for improving the holding strength and purchase of a screw in the body, preferably a screw in bone, preferably a vertebral bone. In one embodiment an allograft tissue form configured for placement between a preformed hole preferably through a pedicle and into the interior of a vertebral body is provided to receive a pedicle screw that is to be introduced through the allograft tissue form. Embodiments include monolithic allograft tissue forms, multi-piece allograft tissue forms, distally expandable portions, partially and fully demineralized portions, and flexible connecting portions. Advantages of the allograft tissue forms of the present invention include improved pedicle screw breakout strength. Methods for making and instruments and techniques for inserting the augmentation device, system and pedicle screws are also disclosed.

No. of Pages : 81 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8217/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PRESSURE SENSOR DEVICE

(51) International classification	:G01L19/14, G10L9/00, G01L19/00
(31) Priority Document No	:TO2008A000484
(32) Priority Date	:19/06/2008
(33) Name of priority country	:Italy
(86) International Application No Filing Date	:PCT/IB09/052568 :17/06/2009
(87) International Publication No	:WO 2009/153737 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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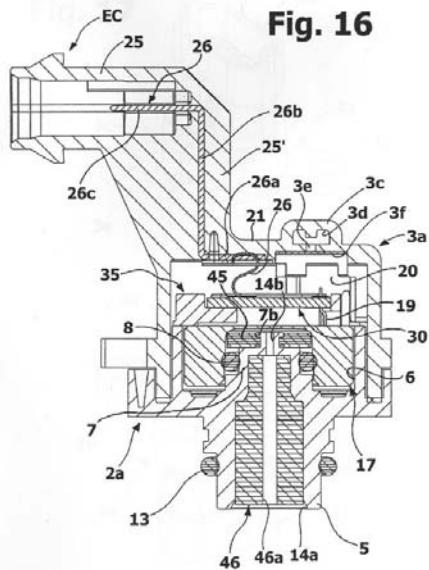
(72)Name of Inventor :

- 1)COLOMBO, PAOLO
- 2)CANTARELLI, DOMENICO
- 3)BIGLIATI, MARCO
- 4)ZORZETTO, MAURO
- 5)NEBBIA, FABIO
- 6)MARTINENGO, GIORGIO

(57) Abstract :

A pressure sensor device comprises a casing (2a, 3a) defining a chamber (20) and an inlet passage (14a, 14b) of the chamber. Accommodated in the chamber (20) is a pressure sensor (17) having a sensor body with a cavity and a membrane capable of deformation under pressure action of a fluid present in the inlet passage (14a, 14b). The device further comprises a circuit arrangement (26, 27, 30) to which the pressure sensor (17) is electrically connected, the circuit arrangement including a circuit support at least partially accommodated in the chamber (20). The sensor body is not rigidly associated to the casing (2a, 3a) and/or to other parts of the device (26, 27, 30, 35), i.e. it is mounted elastically or in a moveable manner with respect to the casing (2a, 3a) and/or to said other parts (26, 27, 30, 35) inside the chamber (20). (Figure 16)

**Fig. 16**



No. of Pages : 64 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8218/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DEPLOYING LININGS IN BODY CAVITIES

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(51) International classification	:A61M25/01, A61M25/06, A61M31/00
(31) Priority Document No	:0811089.2
(32) Priority Date	:16/06/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB09/001502
Filing Date	:16/06/2009
(87) International Publication No	:WO 2009/153553 A1
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

**1)YOUNG, ANTONY, JOHN  
2)POOLE, ANTHONY GEORGE**

(57) Abstract :

A cavity (3) such as the urethra of patient is lined by providing a lining device that comprises an eversible chamber (12) and a liner (16) connected thereto. Fluid pressure is applied to the chamber (12) to evert and advance into the cavity (3) such that the chamber (12) carries the liner (16) into the cavity. A vacuum is then applied to the chamber (12) to cause it to deflate. A part, such as catheter or cable can then be inserted into the cavity through the liner (16). If the cavity is the urethra of a patient, the liner shields the catheter from the distal part (1) of the urethra which is colonized with bacteria and therefore reduces the risk of urinary tract infection.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8219/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : TIME TEMPERATURE INDICATOR COMPRISING INDOLENIN BASED SPIROPYRANS CONTAINING A N-ACETYLAMIDO OR N-ACETYLESTER SIDE CHAIN

(51) International classification	:C07D491/10
(31) Priority Document No	:08156605.1
(32) Priority Date	:21/05/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/055641
Filing Date	:11/05/2009
(87) International Publication No	:WO 2009/141237
	A1
(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 :67056, LUDWIGSHAFEN Germany

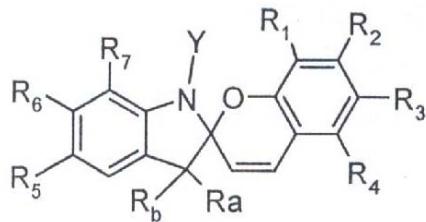
(72)**Name of Inventor :**

1)FEILER, LEONHARD

2)RAIMANN, THOMAS

(57) Abstract :

The present invention relates to time-temperature indicator (TTI) systems comprising indolenin based spirobifluorene containing a N-acetyl amido or N-acetylester side chain, especially to a time temperature indicator comprising at least one spirobifluorene indicator of formula (I) Wherein R<sub>1</sub> is hydrogen, -C<sub>1</sub>-C<sub>18</sub> alkoxy, -C<sub>1</sub>-C<sub>18</sub> alkylthio, -C<sub>1</sub>-C<sub>18</sub> alkyl-SO-, -C<sub>1</sub>-C<sub>18</sub> alkyl-SO<sub>2</sub>-, phenylthio, phenyl, halogen, -C<sub>1</sub>-C<sub>18</sub> alkyl or -NO<sub>2</sub>; R<sub>2</sub> is hydrogen or -C<sub>1</sub>-C<sub>18</sub> alkoxy; R<sub>3</sub> is NO<sub>2</sub> or halogen; R<sub>4</sub> is hydrogen, -C<sub>1</sub>-C<sub>18</sub> alkoxy or halogen; R<sub>5</sub> is hydrogen, halogen, -C<sub>1</sub>-C<sub>18</sub> alkoxy, -COOH, -COO-C<sub>1</sub>-C<sub>18</sub>alkyl, -CF<sub>3</sub> or phenyl; R<sub>6</sub> is hydrogen or R<sub>6</sub> and R<sub>7</sub> form together a phenyl ring; R<sub>7</sub> is hydrogen; Ra is hydrogen or -C<sub>1</sub>-C<sub>6</sub> alkyl; Rb is hydrogen or -d-d alkyl, or together with Ra form a 5-6 membered ring; Y is -CH<sub>2</sub>-COO-R<sub>8</sub> or -CH<sub>2</sub>-CO-N(R<sub>10</sub>)-R<sub>9</sub>; or -CH<sub>2</sub>-CO-N(R<sub>10</sub>)-L-N(R<sub>10</sub>) CO-CH<sub>2</sub>- or Y is -CH<sub>2</sub>-CO-O-L-I-CO-CH<sub>2</sub>- wherein R<sub>8</sub> is hydrogen, C<sub>3</sub>-C<sub>18</sub>alkyl or R<sub>8</sub> is ethyl with the proviso that R<sub>6</sub> and R<sub>7</sub> form together a phenyl ring; R<sub>9</sub> is phenyl, mesityl, phenyl-O-phenyl, phenyl-S-phenyl, phenyl once or more than once substituted by halogen, -CF<sub>3</sub>, C<sub>1</sub>-C<sub>6</sub>alkyl, -C<sub>1</sub>-C<sub>18</sub> alkoxy, carboxy, -COO-C<sub>1</sub>-C<sub>6</sub>alkyl whereby in case of a more than once substitution, the substituent can be the same or different; R<sub>10</sub> is hydrogen, C<sub>1</sub>-C<sub>16</sub>alkyl; L is 1,3 phenylene or 1,4 phenylene wherein the phenylene linker is optionally substituted by once or more than once by halogen, -CF<sub>3</sub>, C<sub>1</sub>-C<sub>18</sub>alkyl, -C<sub>1</sub>-C<sub>18</sub> alkoxy, carboxy, -COO-C<sub>1</sub>-C<sub>18</sub>alkyl, -CONH<sub>2</sub>, -CON(C<sub>1</sub>-C<sub>18</sub>alkyl)2, nitro; or L is naphthalene, biphenylene or phenylene-O-phenylene wherein the naphthalene, biphenylene or phenylene-O-phenylene linker is optionally substituted once or more than once by halogen, -CF<sub>3</sub>, C<sub>1</sub>-C<sub>18</sub> alkyl, -C<sub>1</sub>-C<sub>18</sub> alkoxy, carboxy, -COO-C<sub>1</sub>-C<sub>18</sub>alkyl, -CONH<sub>2</sub>, -CON(C<sub>1</sub>-C<sub>18</sub>alkyl)2, nitro. L<sup>TM</sup> is 1,3 phenylene or 1,4 phenylene wherein the phenylene linker is optionally substituted by once or more than once by halogen, -CF<sub>3</sub>, C<sub>1</sub>-C<sub>18</sub>alkyl, -C<sub>1</sub>-C<sub>18</sub> alkoxy, carboxy, -COO-C<sub>1</sub>-C<sub>18</sub>alkyl, -CONH<sub>2</sub>, -CON(C<sub>1</sub>-C<sub>18</sub>alkyl)2, nitro; or L is naphthalene, biphenylene or phenylene-O-phenylene wherein the naphthalene, biphenylene or phenylene-O-phenylene linker is optionally substituted once or more than once by halogen, -CF<sub>3</sub>, C<sub>1</sub>-C<sub>16</sub>alkyl, -C<sub>1</sub>-C<sub>18</sub> alkoxy, carboxy, -COO-C<sub>1</sub>-C<sub>18</sub>alkyl, -CONH<sub>2</sub>, -CON(C<sub>1</sub>-C<sub>18</sub>alkyl)2, nitro.



No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8229/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : REMOTE ACCESS BETWEEN UPNP DEVICES

(51) International classification	:H04L29/06, H04L29/10
(31) Priority Document No	:12/146,407
(32) Priority Date	:25/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048709 :25/06/2009
(87) International Publication No	:WO 2009/158530 A3
(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 MICROSOFT WAY,  
REDMOND WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)KLEMETS, ANDERS, E.

2)AIYAR, SRINIVAS

3)HEREDIA, EDWIN, A.

(57) Abstract :

Universal Plug and Play (UPnP) technology may be used over the Internet or other wide area communications networks. In one illustrative example, a first UPnP-enabled device is to provide a UPnP service such as streaming media to various users over the Internet. The first UPnP-enabled device provides an on-line identity provider with user IDs of those users who are authorized to access the first UPnP-enabled device from a remote location. When a user wishes to receive the UPnP service from the first UPnP-enabled device, the user logs in to the on-line identity provider using his user ID and receives from the on-line provider an IP address associated with the first UPnP-enabled device. A users application constructs a URL from the IP address and contacts the UPnP-enabled device at that URL. The users application can then invoke the desired UPnP service. FIG. 1

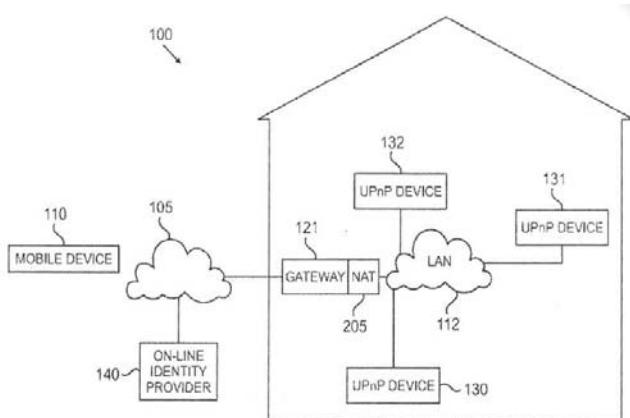


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8255/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : REPORTING AND RESOLVING CONFLICTING USE OF A NODE IDENTIFIER

(51) International classification	:H04W24/00, H04W8/26, H04W16/14	(71) <b>Name of Applicant :</b> <b>1)QUALCOMM INCORPORATED</b> Address of Applicant :ATTN:INTERNATIONAL IP ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714 U.S.A.
(31) Priority Document No	:61/080,068	(72) <b>Name of Inventor :</b>
(32) Priority Date	:11/06/2008	<b>1)TINNAKORN SRISUPHAP PEERAPOL</b> <b>2)HORN GAVIN B.</b> <b>3)AGASHE PARAG A.</b> <b>4)GUPTA RAJARSHI</b> <b>5)PRAKASH RAJAT</b>
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/050302	
Filing Date	:10/07/2009	
(87) International Publication No	:WO 2010/006298 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Conflicting use of a node identifier in a wireless network is reported and resolved. In some aspects, a wireless node receives wireless signals and determines, based on those signals, that more than one node uses the same node identifier. The wireless node may then report the conflicting use to a network node. Here, the wireless node may delay for a period of time before reporting the conflicting use. In some aspects, an access point that discovers a conflicting use (e.g., based on a received signal that indicates that another access point is using that same node identifier) may report the conflicting use and/or elect to use a different node identifier. In some aspects, a stateful procedure is used to resolve a conflicting use where, upon identification of a conflicting use, an access point negotiates with another access point to cause one of these access points to use a different node identifier. In some aspects, a stateless procedure is used to resolve a conflicting use where, upon identification of a conflicting use, an access point delays for a period of time before determining whether a different node identifier is to be used at one of the nodes.

No. of Pages : 73 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8258/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : ROLLING MILL STAND AND RELATED ROLLING MILL FOR LONGITUDINALLY ROLLING ROD-SHAPED BODIES

(51) International classification	:B21B13/10, B21B17/04, B21B31/10	(71) <b>Name of Applicant :</b> <b>1)DANIELI &amp; C. OFFICINE MECCANICHE S.P.A.</b> Address of Applicant :VIA NAZIONALE 41, I-33042 BUTTRIO Italy
(31) Priority Document No	:MI2008A00947	(72) <b>Name of Inventor :</b>
(32) Priority Date	:22/05/2008	<b>1)CERNUSCHI, ETTORE</b>
(33) Name of priority country	:Italy	<b>2)MARINI, FABRIZIO</b>
(86) International Application No	:PCT/EP09/056201	<b>3)BERTELLI, ARISTIDE GIACOMO</b>
Filing Date	:21/05/2009	
(87) International Publication No	:WO 2009/141414 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A rolling mill stand and related rolling mill for rolling rod-shaped bodies, even large in size, which meets the requirement of stiffness uniformity of the rolling mill stands in the transversal direction, all the hydraulic capsules being firmly fixed to the external structure of the rolling mill and providing for the side change of the rolls of each stand. The arrangement of rolling rolls and related extensions of each rolling mill stand is such to avoid problems of corrosion and damaging to the extensions themselves and to the reducers due to the drainage of the cooling waters.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8259/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : LIBRARY DESCRIPTION OF THE USER INTERFACE FOR FEDERATED SEARCH RESULTS

(51) International classification	:G06F9/06, G06F15/00, G06F13/14
(31) Priority Document No	:12/147,176
(32) Priority Date	:26/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048938 :26/06/2009
(87) International Publication No	:WO 2009/158664 A3
(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)MICROSOFT CORPORATION

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REDMOND, WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)BRITO, CARLOS

2)MCCONNELL, CHRISTOPHER, CLAYTON

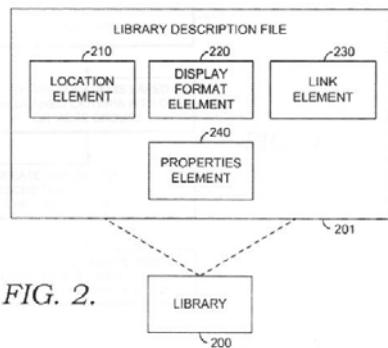
3)HYSON, SHANNON, SCOTT

4)MARCUCCI, PAOLO

5)BEAM, TYLER, KIEN

(57) Abstract :

Methods and computer-readable media are provided for performing a federated search using library description file to locate multiple data sources. For a federated search, a library description can be used to describe a set of data sources searched, and may further be used describe how search results should be presented to a user. The format of such a library description file can include multiple elements, some of which provide information on how to display the library and others that define which data sources are included in the library. The library description file can be created according to library description template.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8231/CHENP/2010 A

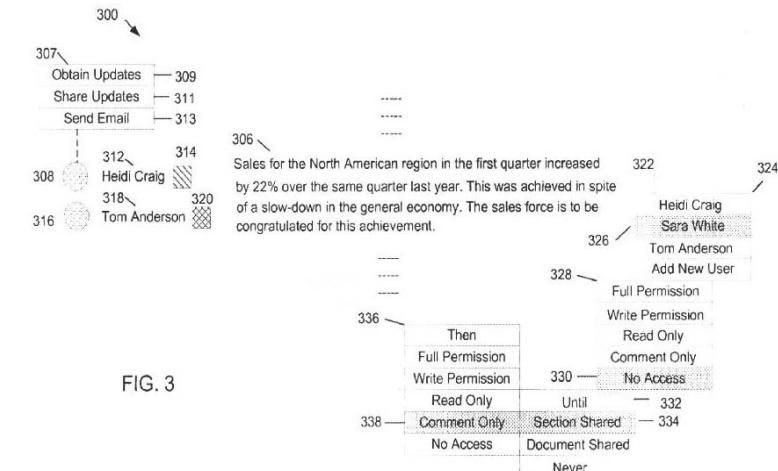
(43) Publication Date : 26/08/2011

(54) Title of the invention : STRUCTURED COAUTHORING

(51) International classification	:G06F17/21, G06F17/24, G06F21/20	(71)Name of Applicant : <b>1)MICROSOFT CORPORATION</b> Address of Applicant :ONE MICROSOFT WAY, REDMOND WA 98052-6399 U.S.A.
(31) Priority Document No	:12/145,536	(72)Name of Inventor :
(32) Priority Date	:25/06/2008	<b>1)BAILOR, JONATHAN B</b>
(33) Name of priority country	:U.S.A.	<b>2)KNIGHT, MARK, R.</b>
(86) International Application No Filing Date	:PCT/US2009/045558 :29/05/2009	<b>3)SIMONDS, ANDREW, R.</b>
(87) International Publication No	:WO 2009/158108 A3	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A system is presented for structured coauthoring of a document, the system comprising a server. The server includes one or more documents organized into sections, a document permissions module that stores user access permissions for each section of a document, a document update processing module that processes requests from a user to share document updates with other users and that processes requests from a user to receive document updates from other users and a document rendering module that renders a document for display on a client so that sections of the document are updated with shared document updates made by users. The user access permissions determine the extent to which a user can modify each section of the document.



No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8232/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : IMAGE INFORMATION PROCESSING DEVICE, IMAGE PICK-UP DEVICE, IMAGE INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification	:H04N13/00, G02B27/22, G06T17/40	(71) <b>Name of Applicant :</b> <b>1)SONY CORPORATION</b> Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO 1080075 Japan
(31) Priority Document No	:p2009-105755	(72) <b>Name of Inventor :</b>
(32) Priority Date	:24/04/2009	<b>1)EIJI TADOKORO</b>
(33) Name of priority country	:Japan	<b>2)SHUNJI OKADA</b>
(86) International Application No Filing Date	:PCT/JP2010/057124 :22/04/2010	
(87) International Publication No	:WO 2010/123053 A1	
(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 image information processing apparatus, an image capture apparatus, an image information processing method, and a program that allow a depth value to smoothly transition in a scene change of stereoscopic content. In a case where a rapid change occurs between a depth value 711 in an end portion of a chapter #i and a depth value 714 in a start portion of a chapter #(i+1), entire depth values are temporarily corrected to zero (infinity) on the occasion of the change between the chapters #i and #(i+1). On this occasion, a depth value is allowed to transition for a period of time of, for example, 0.5 seconds or longer. An original depth value 721 in the end portion of the chapter #i is allowed to sequentially transition so that a depth value 722 of the end frame becomes zero. Similarly, a depth value 723 of the start frame in the chapter #(i+1) is set to zero, and is allowed to sequentially transition to an original depth value 724 in the start portion.

No. of Pages : 76 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8234/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHOD FOR PROVIDING GREEN SERVICE TO A COMMUNICATION UNIT

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(51) International classification	:H04M15/00
(31) Priority Document No	:12/214,711
(32) Priority Date	:20/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/003461
Filing Date	:08/06/2009
(87) International Publication No	:WO 2009/154703
	A1
(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)JONES, DAVID, A.

2)ZGLOBICKI, JOHN, C.

(57) Abstract :

The present invention provides a method for providing green service to a mobile unit. A mobile unit subscribes to a green service, which charges the mobile unit an additional fee. The fee goes into an account that is separate from the operational account of the service provider. Funds from this account are used to pay for investing in, installing, and using alternative energy sources. Upon receiving a call for a user of the green service, the service provider plays a message to the caller. The message includes information about the green service, such as the fact that the called party has subscribed to the service and may invite the caller to also subscribe to the green service.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8235/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : CONTINUOUS PROCESS FOR MULTISTAGE DRYING AND POSTCONDENSATION OF POLYAMIDE PELLETS

(51) International classification	:C08G69/46	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:08158668.7	<b>1)BASF SE</b> Address of Applicant :67056, LUDWIGSHAFEN Germany
(32) Priority Date	:20/06/2008	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:EPO	<b>1)LOTH, WOLFGANG</b> <b>2)EL-TOUFAILI, FAISSAL-ALI</b> <b>3)STAMMER, ACHIM</b> <b>4)KORY, GAD</b> <b>5)GERSTLAUER, ACHIM</b> <b>6)BECKER, JENS</b>
(86) International Application No Filing Date	:PCT/EP09/057673 :19/06/2009	
(87) International Publication No	:WO 2009/153340 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A continuous process for the multistage drying and postcondensation of polyamide pellets in the solid phase comprises 1) carrying out the predrying process in a continuous drying apparatus which is operated in countercurrent mode or in crossflow mode with inert gas or steam, or with a mixture of inert gas and steam, using a pellet temperature in the range from 70 to 200°C, and 2) Carrying out the subsequent continuous postcondensation process in a separate vertical duct with moving bed at a pellet temperature in the range from 120 to 210°C, where the duct is operated in countercurrent mode with inert gas or steam, or with a mixture of inert gas and steam, the inert gas is introduced at at least two sites along the duct, and from 15 to 90% of the inert gas is introduced at the base of the vertical duct and from 10 to 85% of the inert gas is introduced in the upper half below the surface of the pellets.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8260/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : USER INTERFACE FOR GESTURAL CONTROL

(51) International classification	:G06F3/00, G06F3/02, G06F3/041
(31) Priority Document No	:12/147,463
(32) Priority Date	:26/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/047173 :12/06/2009
(87) International Publication No	:WO 2009/158213 A3
(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)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,  
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(72)Name of Inventor :

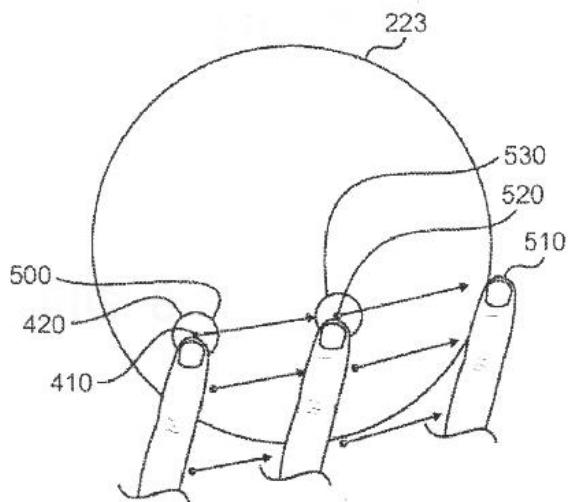
1)ABANAMI, THAMER A.

2)SELMAN, JULIAN LEONHARD

3)LICHTENSTEIN, CRAIG E.

(57) Abstract :

A UI (user interface) 120 for gestural control enhances the navigation experience for the user by preventing multiple gestures from being inadvertently invoked at the same time. This problem is overcome by establishing two or more categories of gestures. For instance, the first category of gestures may include gestures that are likely to be invoked before gestures that are included in the second category of gestures. That is, gestures in the second category will typically be invoked after a gesture in the first category has already been invoked. One example of a gesture that falls into the first category may be a gesture that initiates operation of a device 100, whereas a gesture that falls into the second category may be change in volume. Gestures that fall into the second category require more criteria to be satisfied in order to be invoked than gestures that fall into the first category.



**FIG. 6**

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8261/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : ADAPTER FOR SYNCHRONIZING DATA OVER DIFFERENT NETWORKS

(51) International classification	:H04L12/28
(31) Priority Document No	:12/145,509
(32) Priority Date	:25/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/048714
Filing Date	:25/06/2009
(87) International Publication No	:WO 2009/158535 A3
(61) 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,  
REDMOND WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)LIU, MING

2)SUTHAR, PARESH

3)SNOAD, NIGEL

(57) Abstract :

The present system includes a bridge (or adapter) that connects two synchronization endpoints over two different networks. The bridge first receives information to be synchronized and generates metadata to form it into messages transported over the first network according to a first protocol. A gateway receives the messages over the first transport mechanism and generates a synchronization feed that can be transported over the second network according to a second protocol. FIG.1

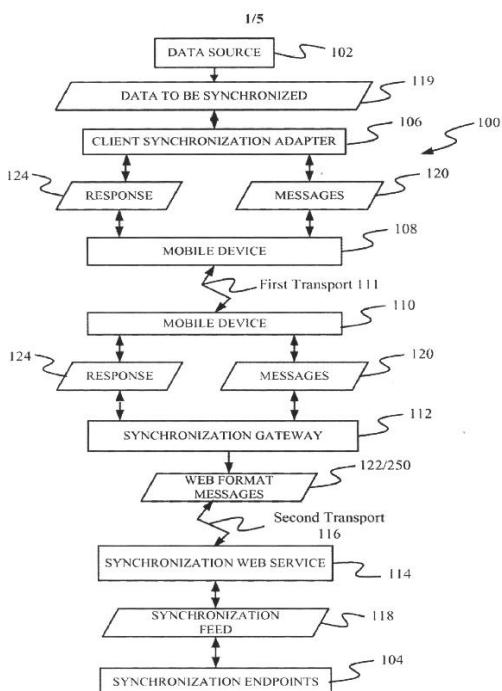


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8263/CHEP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : MENUS WITH TRANSLUCENCY AND LIVE PREVIEW

(51) International classification	:G06F3/048, G06F3/14	(71)Name of Applicant :
(31) Priority Document No	:12/147,156	1)MICROSOFT CORPORATION
(32) Priority Date	:26/06/2008	Address of Applicant :ONE MICROSOFT WAY, REDMOND, WA 98052-6399 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2009/045940 :02/06/2009	1)MANDIC, MIRKO 2)FOMICHEV, ANDREW, V. 3)SATTERFIELD, JESSE, CLAY 4)HARRIS, JENSEN
(87) International Publication No	:WO 2009/158151 A3	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A region menu is used to easily access menu items. Generally, the region menu includes a number of regions with associated menus that are located close to an initial mouse position from where the region menu is evoked. Hovering over any of the regions of the region menu displays the menu item that is associated with the region. Additionally, hovering over a menu item within one of the regions of the displayed region menu may activate a live preview showing a projected result of what would occur should that menu item be selected. During a live preview, a portion of the region menu becomes translucent such that content beneath the menu becomes visible.

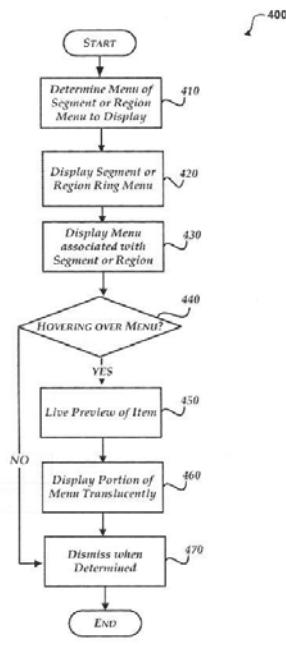


Fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8264/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SEMANTIC ZOOM IN A VIRTUAL THREE-DIMENSIONAL GRAPHICAL USER INTERFACE

(51) International classification	:G06F3/048, G06F3/14, H04B1/40
(31) Priority Document No	:12/163,999
(32) Priority Date	:27/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048146 :22/06/2009
(87) International Publication No	:WO 2009/158310 A3
(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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REDMOND, WA 98052-6399 U.S.A.

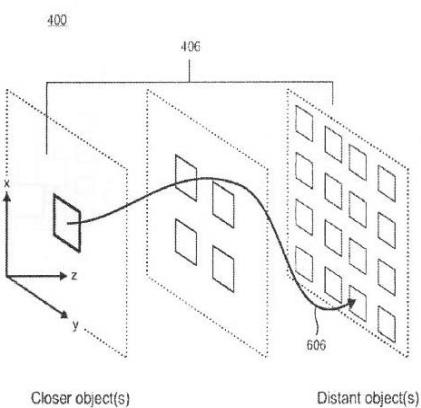
(72)Name of Inventor :

1)ESTRADA, JULIO

(57) Abstract :

A GUI adapted for use with portable electronic devices such as media players (110) is provided in which Interactive objects are arranged in a virtual three-dimensional space (400) (i.e., one represented on a two-dimensional display screen (218)). The user (105) manipulates controls (223) on the player (110) to maneuver through the 3-D space (400) by zooming and steering to objects (406) of interest which can represent various types of content, Information or Interactive experiences. The 3-D space (400) mimics real space in that close objects (406) appear larger to user while distant objects (406) appear smaller. The close objects (406) will typically represent higher level content, Information, or Interactive experiences while the distant objects (406) represent more detailed content, Information, or experiences. This GUI navigation feature, referred to as a semantic zoom, makes it easy for the user (105) to maintain a clear understanding of his location within the 3-D space (400) at all times.

FIG. 6



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8236/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : METHODS AND APPARATUS FOR SELF-ORGANIZED CACHING IN A CONTENT DELIVERY NETWORK

(51) International classification	:H04N7/173
(31) Priority Document No	:12/143,353
(32) Priority Date	:20/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/002734
Filing Date	:04/05/2009
(87) International Publication No	:WO 2009/154667
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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Address of Applicant :600-700 MOUNTAIN AVENUE,  
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(72)**Name of Inventor :**

**1)SANIEE, IRAJ**

**(57) Abstract :**

Methods and apparatus are provided for self-organized caching in a content delivery network. One or more requested content items are cached at a node in a content delivery network. The disclosed method determines if the content item is stored in a local cache; and, if the content item is not stored in a local cache, the following steps are performed; requesting the content item from another node; and storing the content item in the local cache if one or more predefined capacity criteria are satisfied. The content delivery network can be a hierarchical network or a non-hierarchical network. The predefined capacity criteria can evaluate a popularity index of the content item relative to other items stored in the local cache.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8286/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : VARIABLE RESISTANCE NONVOLATILE STORAGE DEVICE

(51) International classification	:H01L27/10, h01l45/00, h01l49/00
(31) Priority Document No	:2008-134815
(32) Priority Date	:22/05/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP08/003769 :15/12/2008
(87) International Publication No	:WO 2009/141857 A1
(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)SHIMAKAWA, KAZUHIKO**

**2)KANZAWA, YOSHIHIKO**

**3)MITANI, SATORU**

**4)MURAOKA, SHUNSAKU**

---

(57) Abstract :

The variable resistance nonvolatile storage device includes a memory cell (300) that is formed by connecting in series a variable resistance element (309) including a variable resistance layer (309b) which reversibly changes based on electrical signals each having a different polarity and a transistor (317) including a semiconductor substrate (301) and two N-type diffusion layer regions (302a, 302b), wherein the variable resistance layer (309b) includes an oxygen-deficient oxide of a transition metal, lower and upper electrodes (309a, 309c) are made of materials of different elements, a standard electrode potential V1 of the lower electrode (309a), a standard electrode potential V2 of the upper electrode (309c), and a standard electrode potential Vt of the transition metal satisfy Vt < V2 and V1 < V2, and the lower electrode (309a) is connected with the N-type diffusion layer region (302b), the electrical signals being applied between the lower and upper electrodes (309a, 309c).

No. of Pages : 97 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8287/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SALTS AND POLYMORPHS OF A TETRACYCLINE COMPOUND

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(51) International classification	:A01N37/18
(31) Priority Document No	:61/128,712
(32) Priority Date	:23/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/045143
Filing Date	:26/05/2009
(87) International Publication No	:WO 2009/143509 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

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(72)Name of Inventor :

1)CVETOVICH, RAYMOND

2)WARCHOL, TADEUSZ

(57) Abstract :

Crystalline forms, including salts and polymorphs, of a compound useful in the treatment of tetracycline compound-responsive states are provided herein. The crystalline compounds are useful for the treatment or prevention of conditions and disorders such as bacterial infections and neoplasms, as well as other known applications for tetracycline compounds in general.

No. of Pages : 64 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8296/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING VOICE ANNOTATIONS FOR PLAYLISTS OF DIGITAL MEDIA

(51) International classification	:G10L15/26, G10L15/08
(31) Priority Document No	:61/060,269
(32) Priority Date	:10/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/046734 :09/06/2009
(87) International Publication No	:WO 2009/152145 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GOODWIN JAMES. P.

Address of Applicant :78, BAKER AVENUE, BEVERLY, MA 01915 U.S.A.

(72)Name of Inventor :

1)GOODWIN JAMES. P.

(57) Abstract :

The invention concerns a method, apparatus, software, and systems for annotating a playlist of media files comprising receiving an input playlist comprising a plurality of media files, generating supplemental media files, and inserting the supplemental media files into the input playlist to create an annotated output playlist. Fig 1

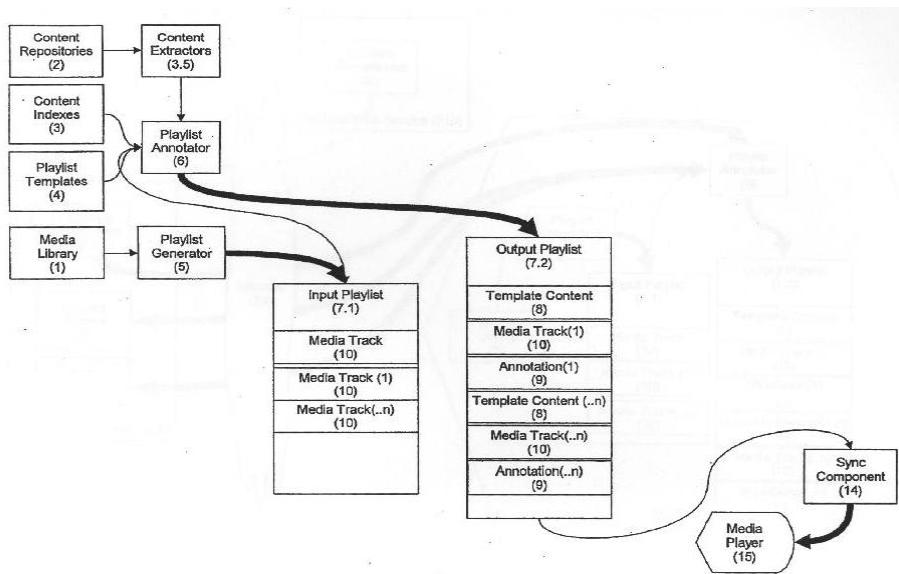


Figure 1

No. of Pages : 44 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8299/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SINGLE-FLIGTH SCREW ELEMENTS HAVING A REDUCED RIDGE ANGLE

(51) International classification	:B29C47/40, B29C47/00
(31) Priority Document No	:10 2008 029 304.0
(32) Priority Date	:20/06/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/004251 :12/06/2009
(87) International Publication No	:WO 2009/153003 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :51368 LEVERKUSEN Germany

(72)Name of Inventor :

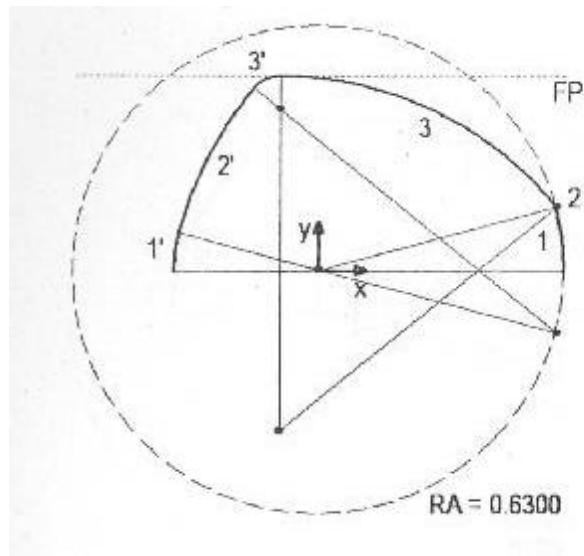
1)MICHAEL BIERDEL

2)THOMAS KONIG

3)ULRICH LIESENFELDER

(57) Abstract :

The invention relates to screw elements for multi-screw extruders with screws co-rotating in pairs and being fully self-wiping in pairs, to the use of the screw elements in multi-screw extruders and to a process for extruding plastic compositions. Fig. 2a



- 1) R = 0.6300 Mx = 0.0000  
 $\alpha$  = 0.2618 My = 0.0000
- 2) R = 0.0000 Mx = 0.6085  
 $\alpha$  = 0.4212 My = 0.1631
- 3) R = 0.9135 Mx = -0.1000  
 $\alpha$  = 0.8878 My = -0.4135
- 3') R = 0.0865 Mx = -0.1000  
 $\alpha$  = 0.8878 My = 0.4135
- 2') R = 1.0000 Mx = 0.6085  
 $\alpha$  = 0.4212 My = -0.1631
- 1') R = 0.3700 Mx = 0.0000  
 $\alpha$  = 0.2618 My = 0.0000

Figure 2a

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8300/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SCREW ELEMENTS WITH REDUCED SWEEP ANGLE

(51) International classification	:B29B7/48, B29C47/40
(31) Priority Document No	:10 2008 029 305.9
(32) Priority Date	:20/06/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/004121 :09/06/2009
(87) International Publication No	:WO 2009/152973 A1
(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)MICHAEL BIERDEL**

**2)THOMAS KONIG**

**3)ULRICH LIESENFELDER**

(57) Abstract :

The present invention relates to screw elements for multiscrew extruders with pairs of co-rotating and fully wiping screws, to the use of these screw elements in multiscrew extruders and to a method of generating screw elements according to the invention. Fig. 10:

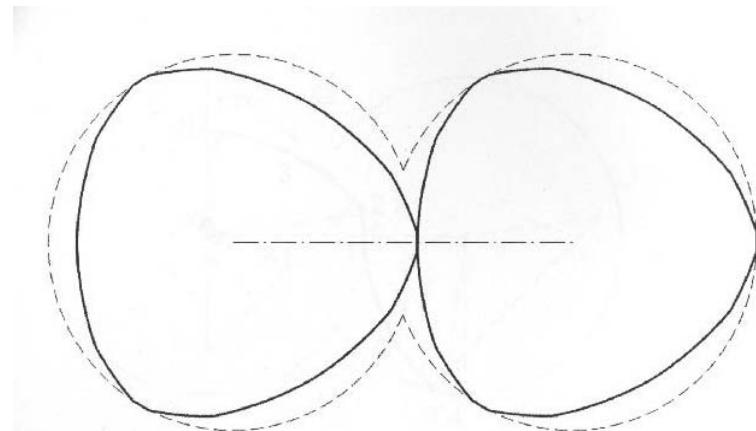


Fig. 10

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8265/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PROTECTED MODE SCHEDULING OF OPERATIONS

(51) International classification	:G06F21/00, G06F17/00, G06F15/163
(31) Priority Document No	:12/163,726
(32) Priority Date	:27/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/047275 :12/06/2009
(87) International Publication No	:WO 2009/158220 A3
(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)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,  
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(72)Name of Inventor :

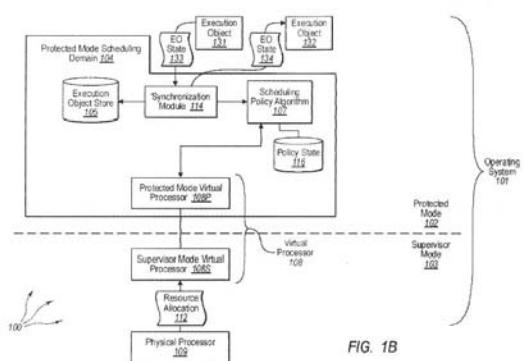
1)PAPAEFSTATHIOU, EFSTATHIOS

2)YU, JINSONG

3)OKS, STANISLAV, A.

(57) Abstract :

The present invention extends to methods, systems, and computer program products for protected mode scheduling of operations. Protected mode (e.g., user mode) scheduling can facilitate the development of programming frameworks that better reflect the requirements of the workloads through the use of workload-specific execution abstractions. In addition, the ability to define scheduling policies tuned to the characteristics of the hardware resources available and the workload requirements has the potential of better system scaling characteristics. Further, protected mode scheduling decentralizes the scheduling responsibility by moving significant portions of scheduling functionality from supervisor mode (e.g., kernel mode) to an application.



No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8266/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : USING VISUAL LANDMARKS TO ORGANIZE DIAGRAMS

(51) International classification	:G06F3/14, G06F17/50, G06F3/048
(31) Priority Document No	:12/163,352
(32) Priority Date	:27/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/047271 :12/06/2009
(87) International Publication No	:WO 2009/158219 A3
(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)DANTON, STEPHEN, M.  
2)ROBERTS, SCOTT  
3)MOLLICONE, LAURENT  
4)SEHN, JORDAN  
5)PRICE, TAD D.  
6)PECK, DAVID K.  
7)RYCHIKHIN, YURI

(57) Abstract :

The present invention extends to methods, systems, and computer program products for using Visual landmarks to organize diagrams. Embodiments of the invention facilitate using Visual landmarks to organize elements within a diagram. Elements of a diagram can be arranged in accordance with configurable defined properties of visual landmarks to provide some degree of layout structure within the diagram. Accordingly, embodiments of the invention provide a user experience that provides some structure but retains the flexibility of free form editing. Users can customize visual landmarks to cause the visual landmarks to exhibit desired behavior. FIG.1

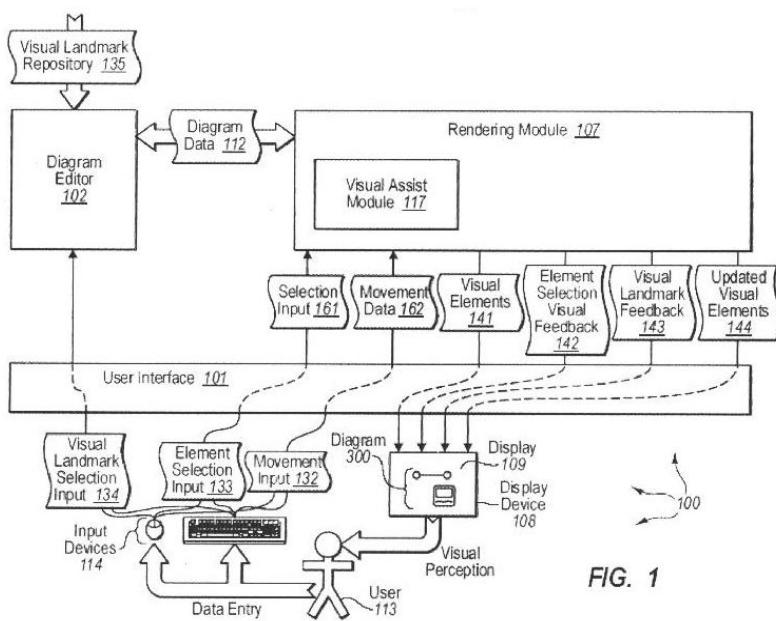


FIG. 1

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8267/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : VIRTUAL TOUCHPAD

(51) International classification	:G06F3/041, G06F3/03, G06F3/048	(71)Name of Applicant : <b>1)MICROSOFT CORPORATION</b> Address of Applicant :ONE MICROSOFT WAY, REDMOND WA 98052-6399 U.S.A.
(31) Priority Document No	:12/163,746	(72)Name of Inventor :
(32) Priority Date	:27/06/2008	<b>1)DUNCAN, RICK</b>
(33) Name of priority country	:U.S.A.	<b>2)ALPHIN, TOM</b>
(86) International Application No Filing Date	:PCT/US2009/048969 :26/06/2009	<b>3)PERRY, DAVID</b>
(87) International Publication No	:WO 2009/158685 A3	<b>4)DEVARAJ, CHRIS</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Embodiments described herein are directed to simultaneously presenting a virtual touchpad and a graphical user interface of an operating system on the same display. A user can interact with the OS using the virtual touchpad, and user touches are read by a touch-screen portion of the display assigned to the touchpad. Touch input software converts touch packets from user touches into data packets relevant to the screen and display resolution of either the display or a portion of the display presenting the OS. Gesture-recognition software applies rules to the converted packets to determine which actions the user meant by the touches. And an application controlling a mouse cursor manipulates the mouse cursor according to the mouse actions. FIG.1

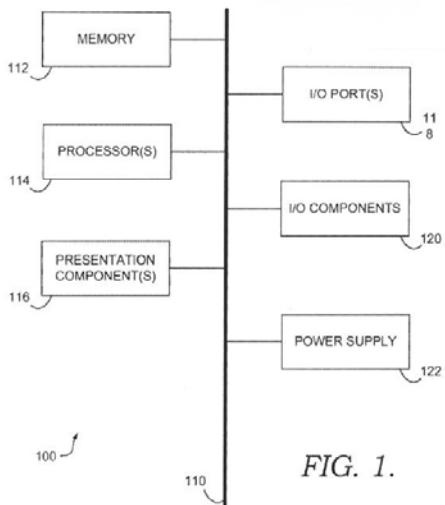


FIG. 1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8269/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : REAL TIME MEDIA-BASED SOCIAL NETWORK NOTIFICATIONS

(51) International classification	:G06F15/16, G06Q50/00
(31) Priority Document No	:12/165,649
(32) Priority Date	:30/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048983 :28/06/2009
(87) International Publication No	:WO 2010/002747 A3
(61) 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

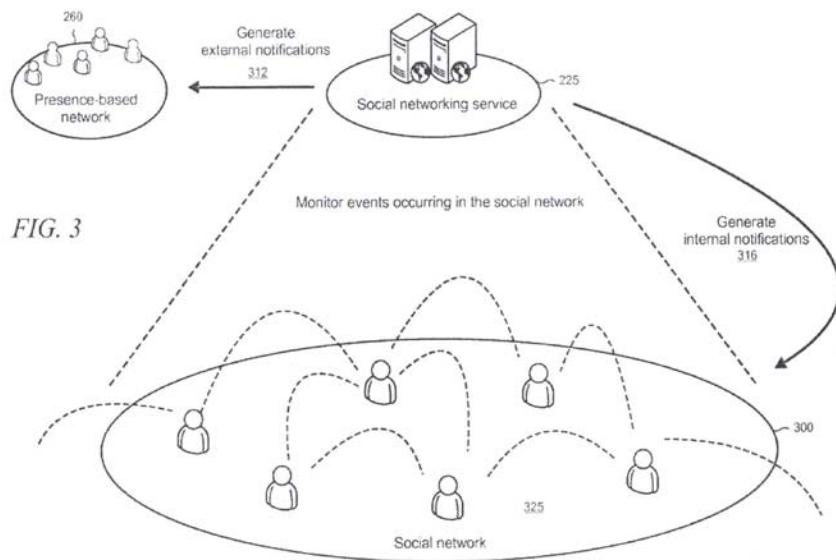
Address of Applicant :ONE MICROSOFT WAY,  
REDMOND WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)ESTRADA, JULIO

(57) Abstract :

Real time media-based social network notifications (312) are utilized to provide updates of events (400) that occur in a social network (325) in real time. By providing a data feed of events which are monitored in the social network to a real time media system such as a presence-based messaging network (260), users can be kept up to date with events as they occur in the social network (225) with alerts or instant messages. FIG.3



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8270/CHENP/2010 A

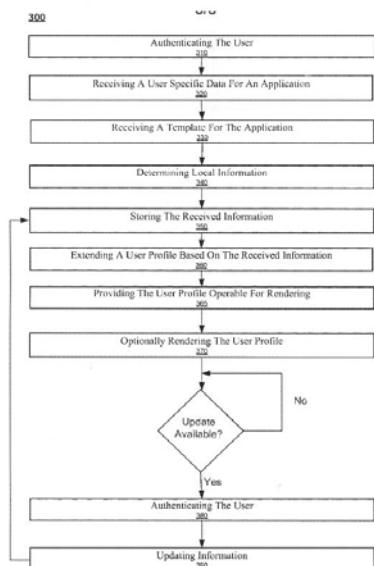
(43) Publication Date : 26/08/2011

(54) Title of the invention : EXTENDED USER PROFILE

(51) International classification	:G06Q50/00, G06F17/40	(71) <b>Name of Applicant :</b> <b>1)MICROSOFT CORPORATION</b> Address of Applicant :ONE MICROSOFT WAY, REDMOND, WA 98052-6399 U.S.A.
(31) Priority Document No	:12/147,514	
(32) Priority Date	:27/06/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/045098 :23/05/2009	
(87) International Publication No	:WO 2009/158093 A8	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A method of extending user profile (300). A user specific data related to an application is received (320) and stored for integration with a user profile. A template for the application is received (330) and stored. The template tailors the user specific data based on aesthetic preferences of the user to generate a tailored user specific data. The user profile is extended based on the user specific data for the application and the template for the application (360). The user profile comprising the tailored user specific data may be provided for rendering (365). Local information, e.g., geographical location, of the user may be determined to tailor the user profile based on the local information. The user specific data and/or the template may be in a markup language format. Update to the user specific data and/or template may be pushed when available (380, 390). FIG.3



**Fig. 3**

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/12/2010

(21) Application No.8209/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : POSITIONABLE GAS INJECTION NOZZLE ASSEMBLY FOR AN UNDERWATER PELLETIZING SYSTEM

(51) International classification	:B29B9/06, B29B9/16	(71) <b>Name of Applicant :</b> <b>1)GALA INDUSTRIES, INC.</b> Address of Applicant :181 PAULEY STREET, EAGLE ROCK, VIRGINIA 24085 U.S.A.
(31) Priority Document No	:12/213,204	
(32) Priority Date	:16/06/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US09/047008	
Filing Date	:11/06/2009	
(87) International Publication No	:WO 2009/155196 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A positionable gas nozzle assembly having a nozzle tube for injecting and directing pressurized air or other inert gas into a pellet slurry so as to increase the velocity of the slurry from a pelletizer to and through a dryer. The variably positionable nozzle tube can be inserted, retracted and/or intermediately positioned either manually or using an automated control system. The automated control system preferably includes a pneumatic cylinder movably engaged with a carriage that is fixedly coupled to the nozzle tube. The pneumatic cylinder contains a piston that is magnetically coupled with the carriage such that movement of the piston in response to the injection of pressurized air into the cylinder also moves the carriage and the nozzle tube to obtain the variable positions.

No. of Pages : 44 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8313/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SEGMENTED MEDIA CONTENT RIGHTS MANAGEMENT

(51) International classification	:G06F21/00, G06F15/16, G06F3/00
(31) Priority Document No	:12/163,991
(32) Priority Date	:27/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048290 :23/06/2009
(87) International Publication No	:WO 2009/158344 A3
(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)MICROSOFT CORPORATION

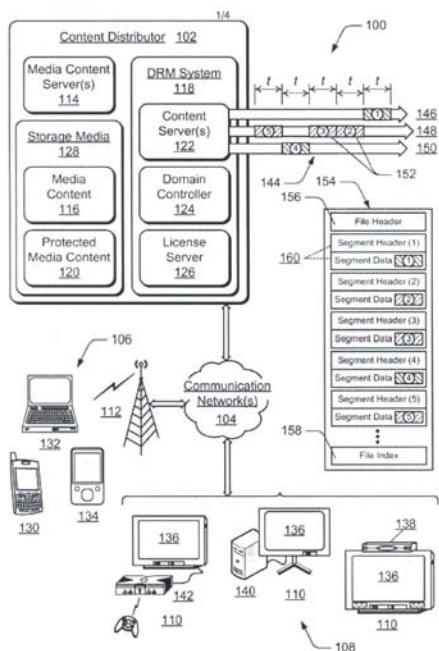
Address of Applicant :ONE MICROSOFT WAY,  
REDMOND, WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)SCHNELL, PATRIK

(57) Abstract :

Segmented media content rights management is described. In embodiment(s), a media device can receive segments of protected media content from media content streams that each include a different version of the protected media content. A media content file can be generated to include the segments of the protected media content that are sequenced to render the protected media content for viewing. A file header object can be instantiated in a file header of the media content file, where the file header object includes DRM-associated features, such as one or more DRM licenses, properties, and/or attributes that correspond to the media content file to provision all of the segments of the protected media content together. FIG.1



No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8314/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SHADER INTERFACES

(51) International classification	:G06T15/00
(31) Priority Document No	:12/163,734
(32) Priority Date	:27/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/048960
Filing Date	:26/06/2009
(87) International Publication No	:WO 2009/158679 A8
(61) 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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(72)Name of Inventor :

- 1)ONEPPO, MICHAEL, V.
- 2)PEEPER, CRAIG
- 3)BLISS, ANDREW L.
- 4)RAPP, JOHN L.
- 5)LACEY, MARK M.

(57) Abstract :

Allocation of memory registers for shaders by a processor is described herein. For each shader, registers are allocated based on the shaders level of complexity. Simpler shader instances are restricted to a smaller number of memory registers. More complex shader instances are allotted more registers. To do so, developers high level shading level (HLSL) language includes template classes of shaders that can later be replaced by complex or simple versions of the shader. The HLSL is converted to bytecode that can be used to rasterize pixels on a computing device. FIG.1

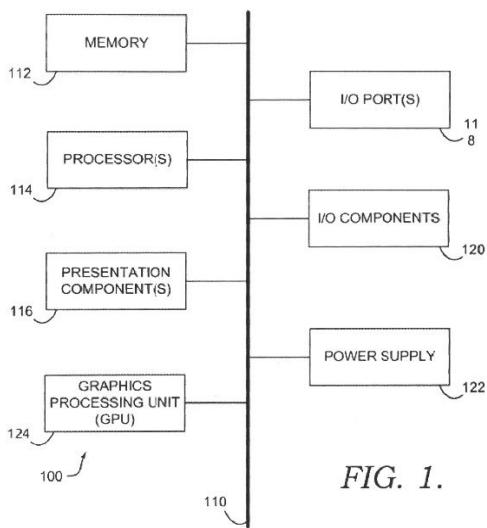


FIG. 1.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8326/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR DIAGNOSIS OF LOAD DROP

(51) International classification	:F02D41/20, F02D41/22, H01L41/04
(31) Priority Document No	:10 2008 001 971.2
(32) Priority Date	:26/05/2008
(33) Name of priority country	:Denmark
(86) International Application No Filing Date	:PCT/EP2009/054791 :22/04/2009
(87) International Publication No	:WO 2009/144099 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :POSTFACH 30 02 20, 70442  
STUTTGART Germany

(72)Name of Inventor :

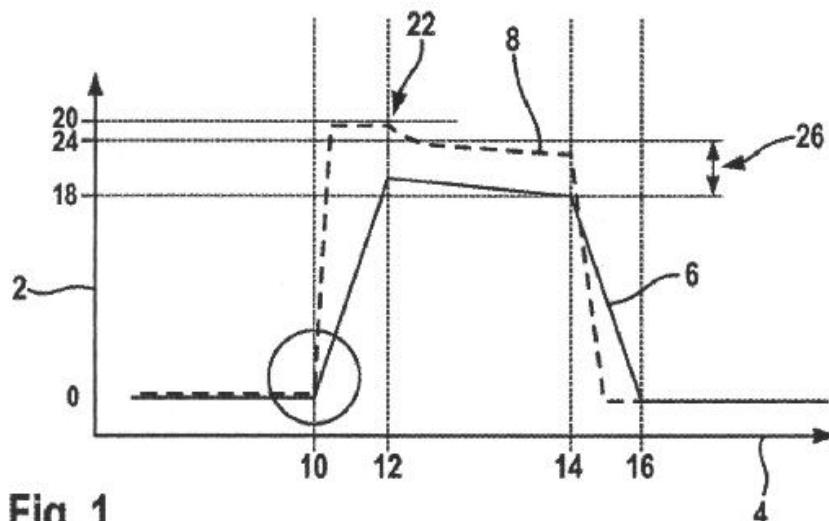
1)ZU, YANQI

2)SCHEMPP, STEFAN

3)BITZER, MATTHIAS

(57) Abstract :

The present subject matter relates to a method for the diagnosis of a load drop on a piezo actuator in an injection system. The method includes measurement of a voltage for the diagnosis. The measured voltage is compared with a threshold voltage. The load drop is present on the piezo actuator in case the measured voltage is greater than the threshold voltage. Fig.1



No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8327/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : MAGNET GROUP FOR SOLENOID VALVE

(51) International classification	:H01F7/126
(31) Priority Document No	:10 2008 001 968.2
(32) Priority Date	:26/05/2008
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/EP2009/054985
Filing Date	:24/04/2009
(87) International Publication No	:WO 2009/144104
A1	
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

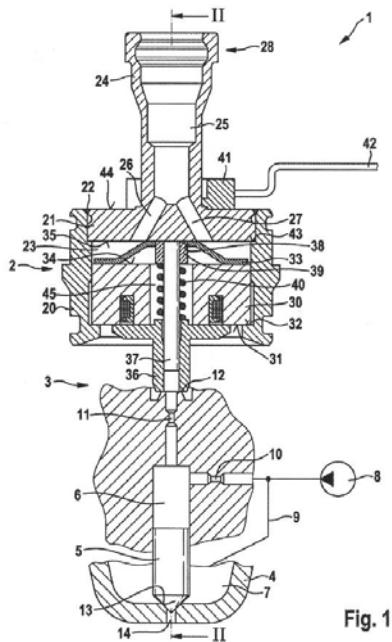
Address of Applicant :POSTFACH 30 02 20, 70442  
STUTTGART Germany

(72)Name of Inventor :

1)HOWEY, FRIEDRICH  
2)BORMANN, AXEL  
3)KLAUK, DIETRICH  
4)BUTSCHER, CHRISTOPH

(57) Abstract :

The present subject matter relates to a magnet assembly (2) for a solenoid valve (3), in particular, for a magnetic actuator of a fuel injection valve (1). The magnet assembly includes a housing part (20), where a coil (30) is inserted in the housing part (20), an armature (36), which is substantially disposed at least on a first side (31) of the coil (30), and a cover (21), which closes the housing part (20) on a second side (34) of the coil (30) facing away from the first side (31). The cover (21) is connected to the housing part (20) by a materially joined manner. Fig.1



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8302/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SCREW ELEMENTS WITH REDUCED ENERGY INPUT DURING PRESSURE BUILD-UP

(51) International classification	:B29C47/40, B29C47/64, B29B7/48
(31) Priority Document No	:10 2008 029 306.7
(32) Priority Date	:20/06/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/004122 :09/06/2009
(87) International Publication No	:WO 2009/152974 A2
(61) 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 TECHNOLOGY SERVICES GMBH

Address of Applicant :51368 LEVERKUSEN Germany

(72)Name of Inventor :

1)MICHAEL BIERDEL

2)THOMAS KONIG

3)ULRICH LIESENFELDER

(57) Abstract :

The present invention relates to screw elements with novel, tightly intermeshing, self-cleaning, co-rotating screw profiles for multiscrew extruders with pairs of co-rotating and fully wiping screws, to the use of these screw elements in multiscrew extruders and to a method of generating these screw elements. Fig. 27:

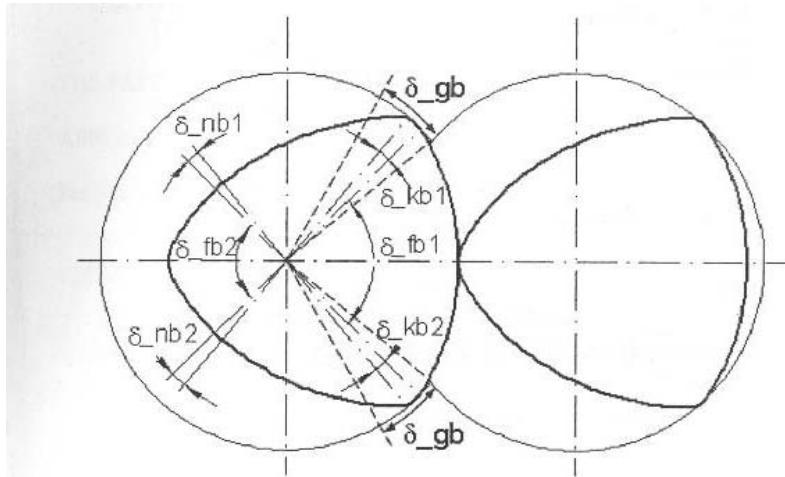


Fig. 27

No. of Pages : 76 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8305/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : BALL COUPLING DEVICE WITH HINGED CONNECTION FOR TWO SLIDING SHAFTS

(51) International classification	:F16D3/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/FR2008/000874
Filing Date	:20/06/2008
(87) International Publication No	:WO 2009/153417
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZF SYSTEMES DE DIRECTION NACAM, S.A.S.

Address of Applicant :ROUTE DE BLOIS, F-41100

VENDOME France

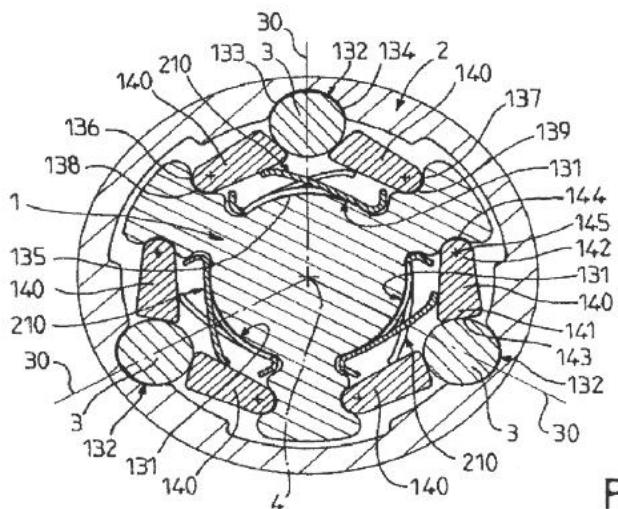
(72)Name of Inventor :

1)BAHR, CHRISTOPHE

2)JANVIER, ARNAUD

(57) Abstract :

The invention relates to a device for coupling an inner shaft (1) and an outer shaft (2) sliding in the direction of the common axis (4) thereof, with balls (3) provided between the two shafts. The balls (3) are arranged in axial grooves (131) of the inner shaft (1) and in axial grooves (132) of the outer shaft (2). Each row (20) of balls (3) is maintained by a double elastic member (210) that bears in the groove (131) and urges the balls (3) along two rolling tracks (140) so that they come into contact with the groove (132), wherein each of the two rolling tracks (140) is hinged through a pivot surface (144) and a bearing surface (138, 139) of the corresponding shaft (1), and the difference between the radii defines two bearing areas defining a hinge axis (145) parallel to the common axis (4). FIG.4



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8308/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AD TARGETING BASED ON USER BEHAVIOR

(51) International classification	:G06Q30/00
(31) Priority Document No	:12/163,622
(32) Priority Date	:27/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/044897
Filing Date	:21/05/2009
(87) International Publication No	:WO 2009/158090 A3
(61) 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,  
REDMOND WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)SINYAGIN, ALEKSEY

2)BAL, RISHI

(57) Abstract :

In accordance with embodiments of the present invention, systems and methods for providing customized advertising content are provided. When a user is browsing a webpage, client script code embedded in the webpage monitors the users mouse and keyboard activity, for example, the time it takes the user to click on a link, the time between clicks, etc. This data may then be compiled and sent to an ad server, which responds in real time by placing advertisements suitable to the user at that moment. By comparing the users activity data to known behavioral data, one can estimate or predict the identity of the user and the users state of mind, and deliver the advertisements accordingly. As more data is collected, the ad server may act dynamically to present more advertisements. FIG.3

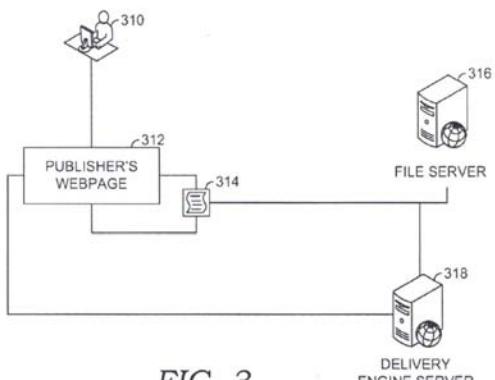


FIG. 3.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8310/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : ANALYTICAL MAP MODELS

(51) International classification	:G06F19/00, G06F3/06, G06F3/048
(31) Priority Document No	:12/163,863
(32) Priority Date	:27/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048715 :25/06/2009
(87) International Publication No	:WO 2009/158536 A3
(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)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,  
REDMOND, WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)RUBIN, DARRYL, E

2)MITAL, VIJAY

(57) Abstract :

Visual map items may each be constructed and placed in position using logic defined by a map view component corresponding to each visual item, where that logic may depend on one or more values populated into parameter(s) of the map view component. Some of those parameter values may correspond to known map model parameter values. Others, however, may have been solved for using a model that defines analytical relationships between the map model parameters. In one embodiment, which of the map model parameters are input variable, and which are output model variables, may not be predetermined. Accordingly, a solver might be prepared for multiple solve operation paths even using a single model. The map view composition process may be entirely data-driven, and may include a mechanism for canonicalizing input data, and binding canonicalized input data to the model parameters.

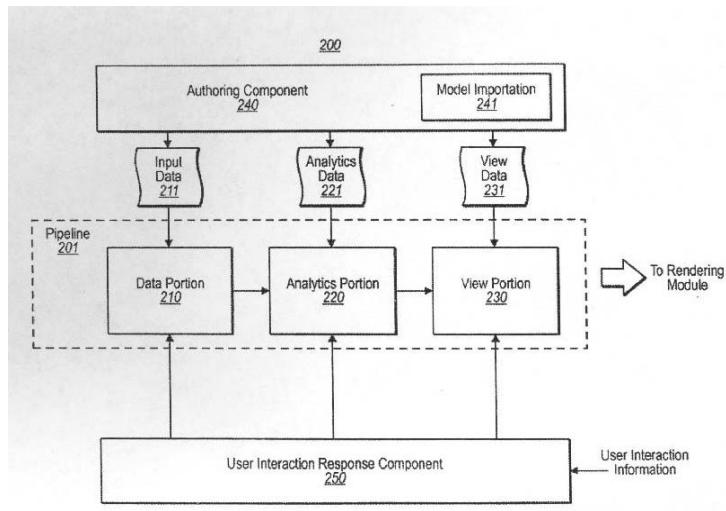


FIG. 2

No. of Pages : 59 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8311/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : COMMUNICATION BETWEEN A DOCUMENT EDITOR IN-SPACE USER INTERFACE AND A DOCUMENT EDITOR OUT-SPACE USER INTERFACE

(51) International classification	:G06F3/048, G06F3/14, G06F17/00	(71) <b>Name of Applicant :</b> <b>1)MICROSOFT CORPORATION</b> Address of Applicant :ONE MICROSOFT WAY, REDMOND, WA 98052-6399 U.S.A.
(31) Priority Document No	:12/163,758	(72) <b>Name of Inventor :</b>
(32) Priority Date	:27/06/2008	<b>1)DUKHON, MARINA</b>
(33) Name of priority country	:U.S.A.	<b>2)GORDNER, JONATHAN, IAN</b>
(86) International Application No Filing Date	:PCT/US2009/046341 :05/06/2009	<b>3)SATTERFIELD, JESSE, CLAY</b>
(87) International Publication No	:WO 2009/158171 A3	<b>4)SINGH, NAVJOT</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	<b>5)TREVINO, MARIA, FERNANDEZ</b>
(62) Divisional to Application Number Filing Date	:NA :NA	<b>6)ALBERTS, AMY, E</b>
		<b>7)GUNTAUR, PAULA</b>

(57) Abstract :

An out-space actuator is selected to access an out-space user interface (UI) for a document editor program. An out-space actuator associates with an in-space UI having a displayed document. When the out-space actuator is selected, out-space UI is displayed to include expanded feature selection surface. The out-space UI may be used to display one or more status panes for providing status information about a document being edited in the in-space UI. Application features for affecting changes to a given documents status may be exposed in the out-space interface in proximity to associated status information. An out-space communication UI component may temporarily display in the document in-space UI to communicate document status information that is presently available in the out-space UI. A message bar may be displayed in the in-space UI for communicating information from out-space UI.

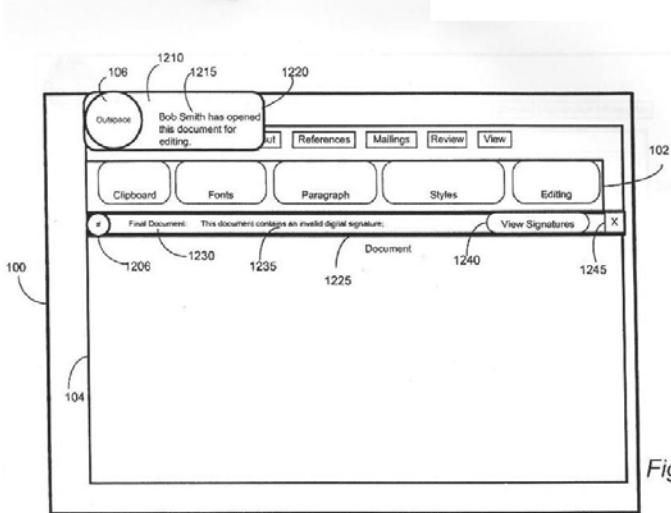


Fig. 12

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8272/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DYNAMIC SELECTION OF SENSITIVITY OF TILT FUNCTIONALITY

(51) International classification	:G06Q50/00
(31) Priority Document No	:12/163,345
(32) Priority Date	:27/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/048874
Filing Date	:26/06/2009
(87) International Publication No	:WO 2009/158628 A3
(61) 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,  
REDMOND WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)FILER, ERIC, P.

2)REAS, LOREN DOUGLAS

3)RUBIO, VASCO

4)TOM, DENNIS, W.

(57) Abstract :

Disclosed is a gaming system having a processing device and a remote input device that is operationally coupled to the processing device. The remote input device may include a motion sensor. The resolution of the motion sensor may be set dynamically from the game software, such that both gross and fine gestures can have the maximum effect. By enabling the game software to assess and control the resolution requirements, and enabling the input device to adjust and respond accordingly, relatively fine gestures, as well as relatively gross gestures, can be discerned and depicted with better accuracy and precision.

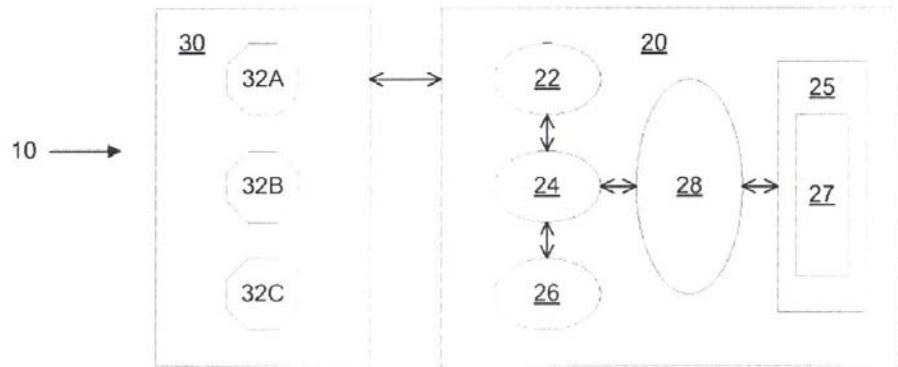


FIG. 3

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8273/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHOD OF MANUFACTURING SOLID SOLUTION PERFORATOR PATCHES AND USES THERE

(51) International classification	:A61B17/06	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/128,405	<b>1)THERAJECT, INC.</b>
(32) Priority Date	:21/05/2008	Address of Applicant :39270 PASEO PADRE, SUITE 112, FREMONT, CALIFORNIA 94538 U.S.A.
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US2009/003145	<b>1)OH, SEA-JIN</b>
Filing Date	:21/05/2009	<b>2)KWON, SUNG-YUN</b>
(87) International Publication No	:WO 2009/142741 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for fabricating and manufacturing solid solution perforators (SSPs) using sharp metal or glass needles and / or subsequent molding and use are described. The methods entail making microneedles by various precision machining techniques and microneedles by various precision machining techniques and micro mold structures from curable materials. Various designs of patch, cartridge and applicator or described. Also described are methods for adjusting the microneedle mechanical strength using formulations and/or post-drying processes.

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8275/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : METHOD AND SYSTEMS FOR THE BUILDING UP OF A ROADMAP AND FOR THE DETERMINATION OF THE POSITION OF A VEHICLE

(51) International classification	:G01C21/30, G08G1/137	(71) <b>Name of Applicant :</b> <b>1)MODULPRODUKTER AS</b> Address of Applicant :JONAS LIESVEI 62, N-5053 BERGEN Norway
(31) Priority Document No	:20082337	(72) <b>Name of Inventor :</b>
(32) Priority Date	:22/05/2008	<b>1)MAGNUSSEN, PER</b>
(33) Name of priority country	:Norway	
(86) International Application No	:PCT/NO09/000191	
Filing Date	:20/05/2009	
(87) International Publication No	:WO 2009/148319	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A Method is described for the building up of a special electronic roadmap for a vehicle, for the indication of the position of the vehicle on a road in a geographic area comprising a computer connected to a display and an internal memory connected to the computer, and which is based on an electronic roadmap provided and established with the help of data from a satellite navigation system, characterised in that a) the vehicle is fitted with sensors for the measurement of parameters such as movement and orientation of the vehicle, said parameters are registered and stored in true time and comprise: - its compass direction - Kr, (40) - its angle of incline - Sv, (41) - its angle of tilt - Kv, (42) - its height above sea level - (hoh), (43) and also - a radar picture of the road surface and the surrounding terrain and which change as the vehicle move forwards, (44) b) the vehicle is driven along a given route and said signals from the sensors in the electronic roadmap base are measured, registered and stored, said parameters are stored and added to the corresponding position coordinates for said route in the electronic roadmap, and c) with the measurements the exact position coordinates in the electronic roadmap are established for the vehicle with the help of data from a satellite navigation system, such as GPS registering, which are registered in, an in itself known way. A method and a system are also described for establishing the position of a vehicle along a road without having to use data from satellite navigation.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/12/2010

(21) Application No.8276/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : INTERACTIVITY IN A DIGITAL PUBLIC SIGNAGE NETWORK ARCHITECTURE

(51) International classification	:G06Q10/00, G06Q30/00, H04N7/16	(71) <b>Name of Applicant :</b> <b>1)ALCATEL LUCENT</b> Address of Applicant :3,avenue Octave Greard,75007 Paris France
(31) Priority Document No	:12/214,769	(72) <b>Name of Inventor :</b>
(32) Priority Date	:20/06/2008	<b>1)KOUHI, ROSS, GEORGE</b>
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IB09/053239	
Filing Date	:18/06/2009	
(87) International Publication No	:WO 2009/153765 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The current invention is a method and device for allowing a customer to interact with a public signage display to obtain additional information about a product or service at a retail location or the like that does not require additional equipment for user interaction attached to the public signage on the retail Moor. The current invention involves a connection between the public signage content distribution and its management architecture with the cellular wireless network that can enable flexible, dynamic user interaction with displays in public spaces.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8331/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : POWER SAVING CIRCUIT USING A CLOCK BUFFER AND MULTIPLE FLIP-FLOPS

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(51) International classification	:G06F1/00
(31) Priority Document No	:61/056,195
(32) Priority Date	:27/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/043175
Filing Date	:07/05/2009
(87) International Publication No	:WO 2009/146241 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)**Name of Applicant :**

**1)ASPEN ACQUISITION CORPORATION**

Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CA 92121. U.S.A.

(72)**Name of Inventor :**

**1)NACER, GARY**

**2)WANG, SHENGHONG**

**3)MOUDGILL, MAYAN**

(57) Abstract :

A circuit described including a clock input for at least one clock signal. Only one clock buffer is connected to the clock input to generate, based on the at least one clock signal, at least a first modified clock signal and a second modified clock signal. A plurality of flip-flops are connected to the clock buffer. Each of the flip-flops receive the first and second modified clock signals. A plurality of data inputs are each connected to at least one of the plurality of flip flops to provide input data to the plurality of flip flops. Each of the plurality of flip flops transform the input data to the output data utilizing the first modified clock signal and the second modified clock signal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8332/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : WASHABLE INK COMPOSITIONS AND WRITING INSTRUMENTS COMPRISING SAME

(51) International classification	:C09D11/16	(71) <b>Name of Applicant :</b> <b>1)SANFORD, L.P.</b> Address of Applicant :2707 BUTTERFIELD ROAD, OAK BROOK, ILLINOIS 60523. U.S.A.
(31) Priority Document No	:12/209,066	
(32) Priority Date	:11/09/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US09/052430	(72) <b>Name of Inventor :</b> <b>1)ONYENEMEZU, CLEMENT, N.</b>
Filing Date	:31/07/2009	
(87) International Publication No	:WO 2010/030451	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure is generally related to a washable ink composition and a writing instrument containing the same. The disclosure provides a washable ink composition that includes a pigment capsule having a polymer matrix formed of a resin selected from the group consisting of aminoplast resins, epoxy resins, and combinations thereof, and at least one colorant contained in the polymer matrix; and at least one washing aid having at least 4 ethylene oxide units per molecule of washing aid and/or at least one washing aid having an HLB value of at least 12.

No. of Pages : 24 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8334/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : CATALYST AND METHOD OF PRODUCING UNSATURATED ALDEHYDE AND UNSATURATED CARBOXYLIC ACID

(51) International classification	:B01J35/02, B01J23/88, B01J37/00	(71) <b>Name of Applicant :</b> <b>1)NIPPON KAYAKU KABUSHIKI KAISHA</b> Address of Applicant :11-2, FUJIMI 1-CHOME, CHIYODA-KU, TOKYO 102-8172 Japan
(31) Priority Document No	:2008-144213	(72) <b>Name of Inventor :</b>
(32) Priority Date	:02/06/2008	<b>1)NAKAHARA, MASAKI</b>
(33) Name of priority country	:Japan	<b>2)SUGI, HIDEKI</b>
(86) International Application No Filing Date	:PCT/JP2009/059503 :25/05/2009	<b>3)SEO, YOSHIMASA</b>
(87) International Publication No	:WO 2009/147965 A1	<b>4)KURAKAMI, TATSUHIKO</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	<b>5)ONOU, HIROYUKI</b>
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Provided is a catalyst which can prevent a lowering in selectivity for a target product in a gas phase catalytic reaction and has an excellent fractional resistance. A catalyst which is a supported catalyst comprising an inert support that is coated with a catalyst powder, characterized in that the inert support is ring-shaped and has an outer periphery that is curved in the lengthwise direction of the support, and the catalyst is produced by granulation in a moisten environment. The above described catalyst is useful in the gas phase oxidation of propylene, isobutylene, tertiary-butyl alcohol or methyl tertiary-butyl ether to thereby produce an unsaturated aldehyde corresponding thereto, or in the gas phase oxidation of such an unsaturated aldehyde as described above to thereby produce an unsaturated carboxylic acid.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8335/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : CONTROLLED RELEASE OF MICROBIOCIDES

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(51) International classification	:C02F1/68
(31) Priority Document No	:12/154,899
(32) Priority Date	:27/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/003228
Filing Date	:26/05/2009
(87) International Publication No	:WO 2009/151543
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)Name of Applicant :

**1)DOBER CHEMICAL CORPORATION**

Address of Applicant :11230 KATHERINE'S CROSSING,  
WOODRIDGE, IL 60517. U.S.A.

(72)Name of Inventor :

**1)KELLY, DENNIS, R.**

**2)LITTLE, DAVID, ALAN**

**3)SUNDARAM, MAGESH**

---

(57) Abstract :

A container for releasing a microbiocide component into a liquid composition susceptible to unwanted microbial growth (LCMG) includes a LCMG impermeable casing separate and apart from an internal combustion engine filter housing, and having a hollow interior and at least one opening. A microbiocide component, for example, at least one LCMG-soluble microbiocide, as the only active material located in the hollow interior. At least one liquid permeable element, for example, a membrane member, is provided at or near an opening in the casing and is effective to provide for release of microbiocide component into the LCMG. Methods of releasing microbiocide component into LCMG s are also provided.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8336/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : METHOD FOR THE INDIVIDUAL TRACKING OF METALLIC HOLLOW BODIES

(51) International classification	:G06K1/12, G06K19/06	(71) <b>Name of Applicant :</b> <b>1)V &amp; M DEUTSCHLAND GMBH</b> Address of Applicant :RATHER KREUZWEG 106, 40472 DUSSELDORF Germany
(31) Priority Document No	:10 2008 030 183.3	
(32) Priority Date	:26/06/2008	
(33) Name of priority country	:Germany	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/DE09/000866	<b>1)VAN WELL, DIRK</b>
Filing Date	:19/06/2009	<b>2)ACHTERKAMP, MANFRED</b>
(87) International Publication No	:WO 2009/155901 A1	<b>3)EICHLER, MICHAEL</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for the individual tracking of metallic hollow bodies, in particular hot-fabricated steel tubes, wherein following a final step of hot-work the individual tube is provided with a distinctive identification on the tube circumference, which is read in the feed region to the subsequent manufacturing or test stations automatically as a video image during transport and independently from the direction of transport. According to the invention, the labeling of the tube circumference is carried out in at least two segment-like sections, the tube circumference being divided, wherein the labeling is carried out in segments with a rotation of less than 360 DEG of the numbering unit and the segments comprise an axial offset relative to the longitudinal axis of the tube, which is greater than the width of the data matrix code.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8347/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : EZETIMIBE PROCESS AND COMPOSITION

(51) International classification	:C07D205/08, A61K31/397	(71) <b>Name of Applicant :</b> <b>1)LEK PHARMACEUTICALS D.D.</b> Address of Applicant :VEROVSKOVA 57, 1526 LJUBLJANA Slovenia
(31) Priority Document No	:08156895.8	
(32) Priority Date	:26/05/2008	
(33) Name of priority country	:EPO	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/EP09/056366	<b>1)SELIC, LOVRO</b>
Filing Date	:26/05/2009	
(87) International Publication No	:WO 2009/150038	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes a process for producing ezetimibe (EZT) from a protected compound, including a step of deprotecting the 4-(p-hydroxyphenyl) protection group by catalytic hydrogenation, wherein the catalyst is used in an amount of 0.7 wt.-% or lower, relative to the weight of the compound used for the deprotection reaction. After carrying out a step of deprotection reaction, the process preferably comprises: (a) the reaction product is dissolved or extracted in ethyl acetate, and (b) the ethyl acetate solution is washed with an aqueous salt solution. The invention further describes a process for obtaining pure EZT, wherein raw EZT is dissolved in a solvent at a concentration of lower than 0.1 g/ml, and a crystallization step is carried out from this solution. These measures, respectively alone and particularly in combination contribute to attain ezetimibe (EZT) free of critical impurities described herein, and thus to use exceptionally pure ezetimibe (EZT) to be formulated into a pharmaceutical composition together with a pharmaceutically acceptable carrier or excipient.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8351/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : HEAT RESISTANT EMULSION POLYMER DISPERSION

(51) International classification	:C09J131/04
(31) Priority Document No	:08158747.9
(32) Priority Date	:23/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/057025
Filing Date	:08/06/2009
(87) International Publication No	:WO 2010/006844 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WACKER CHEMIE AG

Address of Applicant :HANNS-SEIDEL-PLATZ 4, 81737  
MUNICH Germany

(72)Name of Inventor :

1)ZECHA, HELMUT

(57) Abstract :

The invention relates to an aqueous polymer dispersion obtainable by emulsion copolymerization of vinyl ester monomers (a) in the presence of fully hydrolyzed polyvinyl alcohol (PVOH) (c), using comonomers (b), wherein the vinyl ester monomers (a) comprise a first component (a1) of versatic acid ester(s) and a second component (a2) of vinyl acetate, wherein the comonomer(s) (b) comprise a (meth)acryl anide derivative (b1) of the general formula  $\text{CH}_2 = \text{CX} - \text{CO} - \text{NHY}$ , wherein X is hydrogen or a methyl group, Y is the group  $-(\text{CH}_2)_n - \text{O} - \text{Z}$ , wherein n is an integer in the range of 1 to 6, and Z is hydrogen or an alkyl or acyl group having up to 4 carbon atoms, and a (meth)acryl amide derivative (b2), different from (b1), of the general formula  $\text{CH}_2 = \text{CX} - \text{CO} - \text{NHY}$ , wherein X is hydrogen or a methyl group, Y is hydrogen or the group  $-(\text{CH}_2)_n - \text{O} - \text{Z}$ , wherein n is an integer in the range of 1 to 6, and Z is an alkyl or acyl group having up to 4 carbon atoms, wherein the fully hydrolyzed polyvinyl alcohol (PVOH) (c) comprises a blend of fully hydrolyzed Standard-PVOH (S-PVOH) having an average degree of hydrolysis above 95 mol% and of fully hydrolyzed modified PVOH (X-PVOH) having an average degree of hydrolysis above 95mol%. The invention further relates to an adhesive formulation comprising the aqueous polymer dispersion and the use of the aqueous polymer dispersion to provide to an adhesive formulation a water resistance, measured as a D3/3 value and D4/5 value of a wood bond according to DIN EN 204/205 of at least 4 N/mm<sup>2</sup> and/or to provide to an adhesive formulation a heat resistance measured as WATT 91 value of a wood bond according to DIN EN 14257 of at least 6 N/mm<sup>2</sup> and/or to provide to an adhesive formulation a long term processibility or workability, useful in various applications. The invention furthermore provides a process of making the aqueous polymer dispersion.

No. of Pages : 59 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8352/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CATALYST BASED ON AN AMORPHOUS MATERIAL COMPRISING SILICON WITH A HIERARCHICAL AND ORGANIZED POROSITY, AND AN IMPROVED PROCESS FOR THE TREATMENT OF HYDROCARBONS FEEDS

(51) International classification	:B01J21/04, B01J21/08, B01J23/28	(71) <b>Name of Applicant :</b> <b>1)IFF ENERGIES NOUVELLES</b> Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU, 92852 RUEIL-MALMAISON CEDEX France
(31) Priority Document No	:08/02952	(72) <b>Name of Inventor :</b>
(32) Priority Date	:28/05/2008	<b>1)BONDUELLE, AUDREY</b>
(33) Name of priority country	:France	<b>2)CHAUMONNOT, ALEXANDRA</b>
(86) International Application No Filing Date	:PCT/FR09/000557 :13/05/2009	
(87) International Publication No	:WO 2009/144413 A1	
(61) Patent of Addition to Application Number:NA Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention concerns a catalyst comprising at least one amorphous material comprising silicon with a hierarchical and organized porosity and at least one hydrodehydrogenating element selected from the group formed by elements from group VIB and/or group VIII of the periodic table of the elements. Said amorphous material comprising silicon with a hierarchical and organized porosity is constituted by at least two spherical elementary particles, each of said spherical particles comprising a matrix based on oxide of silicon, which is mesostructured, with a mesopore diameter in the range 1.5 to 30 nm and having amorphous and microporous walls with a thickness in the range 1.5 to 50 nm, said elementary spherical particles having a maximum diameter of 200 microns. The invention also concerns hydrocracking/hydroconversion and hydrotreatment processes employing said catalyst.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8338/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : MECHANISM FOR FIXING PARISON TUBES IN A MOULD PRIOR TO MOLECULAR ORIENTATION THEREOF

(51) International classification	:B23Q3/00, B29C49/42	(71) <b>Name of Applicant :</b> <b>1)MOLECOR TECNOLOGIA, S.L.</b> Address of Applicant :C/DUERO, 34 E-28840, MEJORADA DEL CAMPO-MADRID Spain
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/ES2008/070122	(72) <b>Name of Inventor :</b>
Filing Date	:23/06/2008	<b>1)MUNOZ DE JUAN, IGNACIO</b>
(87) International Publication No	:WO 2009/156524 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This mechanism offers a simple solution wherein an axial movement of a grooved piece (6) brings about a radial movement of rigid balls (5) that grip and deform a pipe (1) that is initially in a plastic state. Depending on the geometry of the channels (7) of the grooved piece (6), a variable grip is achieved. This gripping operation is simply released as the grooved piece (6) returns to its initial position, the pipe (1) itself now being in a solid state, so that the balls (5) are returned to their initial position. The correct position for gripping the plastic pipe can be detected by a detector (11). The pressurisation of the plastic pipe can be achieved thanks to an elastic joint (10) on the piece that surrounds the pipe (1).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8340/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : FUEL CELL AND METHOD OF MANUFACTURE THEREOF

(51) International classification	:H01M8/02, H01M8/10	(71) <b>Name of Applicant :</b> <b>1)AQUAFIRY CORPORATION</b> Address of Applicant :KYODAI-KATSURA VENTURE PLAZA SOUTH BUILDING 2115, 1-39, GORYOU OHARA, NISHIKYO-KU, KYOTO-SHI, KYOTO 6158245. Japan
(31) Priority Document No	:2008-136905	
(32) Priority Date	:26/05/2008	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2009/059269	(72) <b>Name of Inventor :</b>
Filing Date	:20/05/2009	<b>1)SUGIMOTO, MASAKAZU</b>
(87) International Publication No	:WO 2009/145090	<b>2)YANO, MASAYA</b>
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a fuel cell making it possible to make contact pressures high between its electrode layers and its metallic layers and others, thereby improving the power of the cell, and a method for manufacturing the cell. A fuel cell of the invention comprises a solid polymer electrolyte layer (1), first and second electrode layers (2,3) located on each of both sides of the solid polymer electrolyte layer (1), and first and second electro conductive layers (4, 5) arranged outside the first and second electrode layers (2, 3), respectively, the individual layers (1 to 5) being integrated with each other through a resin molded body (6) which is an insert-molded body.

No. of Pages : 75 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8342/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : TRANSPARENT CONDUCTIVE FILM HAVING FTO/ITO LAMINATE

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(51) International classification	:H01B5/14, H01B13/00, H01L31/04
(31) Priority Document No	:2008-164417
(32) Priority Date	:24/06/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP09/002844 :22/06/2009
(87) International Publication No	:WO 2009/157177 A1
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(71)Name of Applicant :

1)NIPPON SODA CO., LTD,

Address of Applicant :2-1, OHTEMACHI 2-CHOME,  
CHIYODA-KU, TOKYO 100-8165. Japan

(72)Name of Inventor :

1)YAMADA, SHIGEO

2)OOASHI, TATSUYA

(57) Abstract :

A transparent conductive film for lamination on a substrate and comprising an ITO film and an FTO film, wherein a part or all of the crystal structure of a surface of the FTO film is orthorhombic, and a transparent conductive film for lamination on a substrate and comprising an ITO film and an FTO film, wherein the thickness of the FTO film is within a range from 5 nm to 20 nm and the FTO film In a continuous film. A method of producing the transparent conductive films includes depositing the ITO film on a substrate using a pyrosol process, and subsequently depositing the FTO film continuously on top of the ITO film.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8360/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SIGNALING ALLOCATION METHOD AND APPARATUS THEREOF

(51) International classification	:H04W4/06, H04W56/00, H04B7/26	(71) <b>Name of Applicant :</b> <b>1)ALCATEL LUCENT</b> Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France
(31) Priority Document No	:08290598.5	(72) <b>Name of Inventor :</b>
(32) Priority Date	:23/06/2008	<b>1)GRUBER, MARKUS</b>
(33) Name of priority country	:EPO	<b>2)ZELLER, DIETRICH</b>
(86) International Application No Filing Date	:PCT/EP09/057108 :09/06/2009	
(87) International Publication No	:WO 2010/006850 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Signalling method in a first base station of a mobile communications system adapted for synchronized multimedia broadcast/multicast transmissions, the first base station transmitting to a wireless terminal, the mobile communication system further comprising a set of base stations neighbouring the first base station, the method comprising: transmitting a signal describing the set of base stations over a broadcast channel by the first base station to at least a wireless terminal. Further, a first bit of the signal indicates if a first subframe allocation pattern of synchronized subframes per radio frame in the first base station equals a second subframe allocation pattern of synchronized subframes per radio frame for all base stations of the set of base stations. The set of base stations neighbouring the first base station are candidates for staffing a transmission to the wireless terminal.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8328/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DISPLAY DEVICE AND METHOD FOR DRIVING DISPLAY DEVICE

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(51) International classification	:G06F3/041, G01J1/42, G02F1/133
(31) Priority Document No	:181761/2008
(32) Priority Date	:11/07/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2009/058517 :30/04/2009
(87) International Publication No	:WO 2010/004803 A1
(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)SHARP KABUSHIKI KAISHA**

Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,  
OSAKA-SHI, OSAKA, 545-8522. Japan

(72)Name of Inventor :

**1)IMAI, HAJIME**

**2)KITAGAWA, HIDEKI**

**3)TANAKA, SHINYA**

(57) Abstract :

A matrix type display device including: a photosensor (54), provided in a display region, for outputting a signal corresponding to an intensity of light emitted to the photosensor; a TFT (52) of n-channel type, the TFT serving as a source follower including a gate to which the signal is inputted; and light intensity detecting means for detecting the intensity of the light by detecting an output of the source follower, which is the TFT (52). The TFT (52) includes a drain to which a first pulse signal (Vpulse2) having a first pulse is inputted, the first pulse rising from a low level to a high level in a state where the signal is inputted to the gate of the TFT (52).

No. of Pages : 64 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/12/2010

(21) Application No.8329/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CONICAL REDUCING APPARATUS

(51) International classification	:B02C2/10, B02C13/18, B02C18/06	(71)Name of Applicant : <b>1)FREWITT FABRIQUE DE MACHINES S.A</b> Address of Applicant :ROUTE DU COTEAU 7 CH-1763 GRANGES-PACCOT Switzerland
(31) Priority Document No	:EP08159142.2	(72)Name of Inventor :
(32) Priority Date	:26/06/2008	<b>1)LEVEBVRE CLAUDE</b>
(33) Name of priority country	:EPO	<b>2)VIRDIS ANTOINE</b>
(86) International Application No Filing Date	:PCT/EP2009/058003 :25/06/2009	
(87) International Publication No	:WO 2009/156487 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A crusher device for performing a crushing operation, comprising a hollow part of frusto-conical shape narrowing downwardly, a crusher spindle rotatably mounted coaxial with the hollow part, at least one crusher impeller rotatably mounted on the crusher spindle, and a crusher driving device for rotatably driving said at least one crusher impeller relative to said first hollow part; said at least one crusher impeller comprises a first crusher impeller containing a first crushing blade and a second crushing blade, each said first and second crushing blades extending radially from the crusher spindle and being fixedly connected to each other at their distal extremities by a blade member. The crusher device can be combined with a milling device providing an apparatus of compact size, adapted for reducing material from a size up to 36000 cm<sup>3</sup> to particles having a size below 250 microns. (Fig. 2)

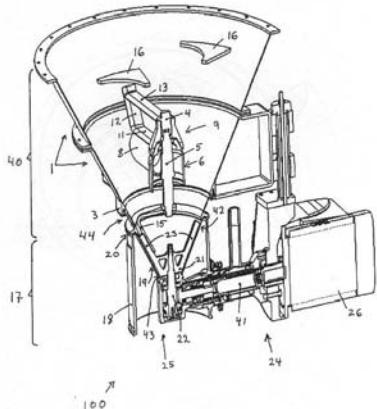


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8384/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : MOTION-CONTROLLED VIEWS ON MOBILE COMPUTING DEVICES

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(51) International classification

:H04W4/02, H04W  
88/02

(31) Priority Document No

:61/056,823

(32) Priority Date

:28/05/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US09/045522

Filing Date

:28/05/2009

(87) International Publication No

:WO 2009/155071

A2

(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)GOOGLE INC.**

Address of Applicant :1600 AMPHITHEATRE PARKWAY,  
MOUNTAIN VIEW, CA 94043. U.S.A.

(72)Name of Inventor :

**1)CONWAY, DAVID P.**

**2)BLISS, ADAM**

**3)PALEVICH, JOHN H.**

**4)TSENG, ERICK**

---

(57) Abstract :

A computer-implemented visual navigation method includes providing from a wireless mobile device, over a public wireless network to a server located remotely from the wireless mobile device, information identifying a geographic location. The method also includes receiving in response, from the server, image data of digital images captured from a location at the geographic location, displaying the image data to a user of the mobile device as an image of an image space around the geographic locations, and panning the image within the image space automatically in response to user motion of the wireless mobile device.

No. of Pages : 88 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8385/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : HYBRIDIZATION COMPOSITIONS AND METHODS

(51) International classification	:C12Q1/68
(31) Priority Document No	:61/056,089
(32) Priority Date	:27/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB09/005893
Filing Date	:27/05/2009
(87) International Publication No	:WO 2009/144581
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DAKO DENMARK A/S

Address of Applicant :PRODUKTIONSVEJ 42, DK-2600  
GLOSTRUP Denmark

(72)Name of Inventor :

1)HANSEN, CHARLES, M.

2)MATTHIESSEN, STEEN, HAUGE

3)PETERSEN, KENNETH, H.

4)POULSEN, TIM, SVENSTRUP

---

(57) Abstract :

The invention provides methods and compositions for hybridizing at least one molecule to a target. The invention may, for example, eliminate the use of, or reduce the dependence on formamide in hybridization. Compositions for use in the invention include an aqueous composition comprising at least one nucleic acid sequence and at least one polar aprotic solvent in an amount effective to denature double-stranded nucleotide sequences.

No. of Pages : 84 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8386/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : BLADE FOR A ROTOR OF A WIND OR WATER TURBINE

(51) International classification	:F03B3/12, F03D1/06
(31) Priority Document No	:PA 2008 00723
(32) Priority Date	:27/05/2008
(33) Name of priority country	:Denmark
(86) International Application No Filing Date	:PCT/DK09/000117 :27/05/2009
(87) International Publication No	:WO 2009/143846 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

**1)FO900 INVEST APS**

Address of Applicant :GAMMEL HAVN 1, DK-8700  
HORSENS. Denmark

(72)Name of Inventor :

**1)LARSEN, HELGI**

**2)MULLER, JAN, ALLAN**

**3)LARSEN, LARS**

(57) Abstract :

The present invention relates to a blade for a rotor of a wind turbine, which rotor comprises a hub, from which hub at least one blade extends substantially radially, which blade comprises a root area closest to the hub, which blade comprises a transition area away from the hub, which blade further comprises at least a first airfoil. The scope of the invention can be fulfilled by blades comprising at least one longitudinal channel, which channel has an inlet opening in the front of the airfoil, which channel has an outlet opening at the backside of the air foil, which channel opening area is decreasing from the inlet opening to the outlet opening. Hereby, it is achieved that in the channel there is an increasing speed of the air which is flowing through that channel which will lead to increasing the power produced from the wind surrounding the blade. (Fig. 4)

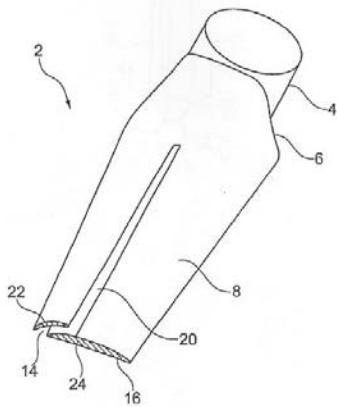


Fig. 4

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8353/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : CATALYST BASED ON A CRYSTALLINE MATERIAL COMPRISING SILICON WITH A HIERARCHICAL AND ORGANIZED POROSITY, AND AN IMPROVED PROCESS FOR THE TREATMENT OF HYDROCARBON FEEDS

(51) International classification	:B01J21/04, B01J21/08, B01J29/04	(71) <b>Name of Applicant :</b> <b>1)IFF ENERGIES NOUVELLES</b> Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU, 92852 RUEIL-MALMAISON CEDEX France
(31) Priority Document No	:0802953	(72) <b>Name of Inventor :</b>
(32) Priority Date	:28/05/2008	<b>1)BONDUELLE, AUDREY</b>
(33) Name of priority country	:France	<b>2)CHAUMONNOT, ALEXANDRA</b>
(86) International Application No Filing Date	:PCT/FR09/000558 :13/05/2009	
(87) International Publication No	:WO 2009/144414 A1	
(61) Patent of Addition to Application Number:NA Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

The present invention concerns a catalyst comprising at least one crystalline material comprising silicon with a hierarchical and organized porosity and at least one hydrodehydrogenating element selected from the group formed by elements from group VIB and/or group VIII of the periodic table of the elements. Said crystalline material comprising silicon with a hierarchical and organized porosity is constituted by at least two spherical elementary particles, each of said particles comprising a matrix based on oxide of silicon, which is mesostructured, with a mesopore diameter in the range 1.5 to 30 nm and having microporous and crystalline walls with a thickness in the range 1.5 to 60 nm, said elementary spherical particles having a maximum diameter of 200 microns. The invention also concerns hydrocracking/hydroconversion and hydrotreatment processes employing said catalyst.

No. of Pages : 58 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8355/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : RECOVERY OF INFORMATION FROM A TELEPHONE TERMINAL VIA A COMMUNICATION

(51) International classification	:G06Q10/00, H04L29/08, H04M7/00	(71)Name of Applicant : <b>1)ALCATEL LUCENT</b> Address of Applicant :3, AVENUE OCTAVE GREARD, F-75007 PARIS France
(31) Priority Document No	:0854124	(72)Name of Inventor :
(32) Priority Date	:23/06/2008	<b>1)LITTEAUT, JACQUES</b>
(33) Name of priority country	:France	<b>2)REY, JEAN-FRANCOIS</b>
(86) International Application No Filing Date	:PCT/EP09/057847 :23/06/2009	
(87) International Publication No	:WO 2009/156408 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of recovering at least one piece of information relating to a telephone communication between at least two telephone terminals (2, 3) belonging to different users (20, 30) via a communication server (1), from one at least of the telephone terminals (2, 3). The present invention also relates to the associated communication server (1). The inventive information recovery method comprises the steps of the communication server detecting the closing of communication by one of the users (20, 30) and the communication server (1) activating, for at least one of the users, an information recovery service (1). The recovery service comprises, for each of the users (20, 30) for which it is activated, the steps of selecting a form based on a criterion, submitting the form to the user (20, 30), and transmitting the completed form, along with said at least one piece of information, to a database (4). Figure to publish: Figure 2

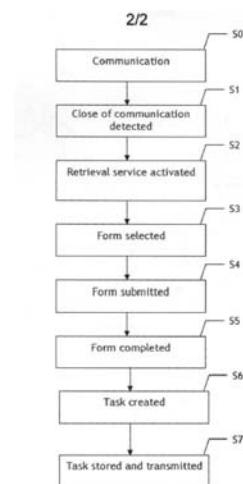


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8356/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SULFONAMIDE COMPOUNDS OF SALTS THEREOF

(51) International classification	:C07C31/21, A61K31/341, A61K31/426	(71) <b>Name of Applicant :</b> <b>1)ASTELLAS PHARMA INC.</b> Address of Applicant :3-11, NIHONBASHI-HONCHO 2-CHOME, CHUO-KU, TOKYO 103-8411 Japan
(31) Priority Document No	:2008-163739	(72) <b>Name of Inventor :</b>
(32) Priority Date	:23/06/2008	<b>1)KUBOTA, HIDEKI</b>
(33) Name of priority country	:Japan	<b>2)TSUKAMOTO, ISSEI</b>
(86) International Application No	:PCT/JP09/061288	<b>3)KAMIJO, KAZUNORI</b>
Filing Date	:22/06/2009	<b>4)KATO, KOJI</b>
(87) International Publication No	:WO 2009/157399 A1	<b>5)FUKUDA, YUTA</b>
(61) Patent of Addition to Application Number	:NA	<b>6)AZAMI, HIDENORI</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

[Object]A compound which is useful as an EP1 receptor antagonist is provided. [Means for Solution] The present inventors investigated EP1 receptor antagonists, and confirmed that a compound having a sulfonamide structure, in which the nitrogen atom of the sulfonamide structure is substituted with 2-fluoropropyl group, 3-fluoro-2-methylpropyl group or the like, has a potent EP1 receptor antagonistic action, thereby completing the present invention. The sulfonamide compound of the present invention has a potent EP1 receptor antagonistic action and can be used as an agent for preventing and/or treating a lower urinary tract symptom or the like.

No. of Pages : 58 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8357/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : STEAM GENERATING DEVICE AND COOKING DEVICE

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(51) International classification	:F24C1/00, F22B1/28
(31) Priority Document No	:2008-166697
(32) Priority Date	:26/06/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP09/061510 :24/06/2009
(87) International Publication No	:WO 2009/157480 A1
(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)SHARP KABUSHIKI KAISHA**

Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,  
OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor :

**1)UTSUMI, TAKASHI**

**2)SHIMODA, HIDEO**

**3)UEDA, SHINYA**

**4)SAKODA, YASUHIRO**

---

(57) Abstract :

A steam generating device (1) is provided with a metal housing (2), a water supply opening (3) for supplying water into the housing (2), a steam generating heater (4) embedded in the lower part of the housing (2) and evaporating the water supplied from the water supply opening (3), a steam temperature raising heater (5) provided above the steam generating heater (4) with a predetermined distance from an inner wall of the housing (2) and raising the temperature of the steam generated by the steam generating heater (4), and a discharge opening (8) for discharging the superheated steam generated by the steam temperature raising heater (5).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8361/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : UNDERWATER HYDROCARBON TRANSPORT APPARATUS

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(51) International classification

:E21B17/01

(31) Priority Document No

:0803498

(32) Priority Date

:23/06/2008

(33) Name of priority country

:France

(86) International Application No

:PCT/FR09/000717

Filing Date

:16/06/2009

(87) International Publication No

:WO 2010/007225

A1

(61) Patent of Addition to Application Number:NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

---

(71)**Name of Applicant :**

**1)TECHNIP FRANCE**

Address of Applicant :6-8, ALLEE DE L'ARCHE, FAUBORG  
DE L'ARCHE, ZAC DANTON F-92400 COUBEVOIE France

(72)**Name of Inventor :**

**1)LUPPI, ANGE**

(57) Abstract :

The invention relates to an underwater fluid transport apparatus (10) designed to transport a fluid between a sea bed (12) and the surface (14) of the sea vertically above the sea bed. The fluid transport apparatus includes a riser (20) connected to a flexible pipe (32) and a retaining float (24) installed around the riser in order to maintain the riser (20) in a stretched suspended position between the sea bed (12) and a subsurface region situated between the sea bed and the surface (14) of the sea, while the flexible pipe (32) extends in a catenary curve between the riser (20) and the sea surface. According to the invention, the apparatus also includes an additional float (28) installed between the riser (20) and the sea surface (14), and the riser (20) is attached to said additional float (28) in order to increase the buoyancy of thereof.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8362/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : CURABLE MATERIAL TRANSFER AND DELIVERY DEVICE

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(51) International classification	:A61F2/46, B01F13/00, A61F2/00
(31) Priority Document No	:61/075,204
(32) Priority Date	:24/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US09/048199 :23/06/2009
(87) International Publication No	:WO 2009/158317 A1
(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)CAREFUSION 2200, INC

Address of Applicant :3750 TORREY VIEW COURT, SAN  
DIEGO, CA 92130 U.S.A.

(72)Name of Inventor :

1)REILLY, TAYLA

2)KRUEGER, JOHN

3)DARLEY, JESSE

4)BIBA, SCOTT

5)RUFFNER, BRIAN

6)RAY, JOHN

(57) Abstract :

An apparatus and method for transferring curable material to an injector to convenient deliver the curable material to a patient. The apparatus contains a mixing chamber for mixing a liquid component and a powder component and a powder component to form a curable material. The curable material is transferred to an injector to when the mixing chamber and injector to when the mixing chamber and injector are moved toward each other.

No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8363/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : FLEXIBLE INTELLIGENT ELECTRONIC DEVICE

(51) International classification	:G05B19/042
(31) Priority Document No	:0859005.1
(32) Priority Date	:25/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/057980
Filing Date	:25/06/2009
(87) International Publication No	:WO 2009/156477
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB RESEARCH LTD.

Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050  
ZURICH Switzerland

(72)Name of Inventor :

1)BALGARD, LENNART  
2)DECK, BERNHARD  
3)LANDERNAS, KRISTER  
4)GENTZELL, THBIAS

(57) Abstract :

The invention concerns an intelligent electronic device for a Substation Automation or Distribution Automation system as well as to a method and computer program product for providing it. The device (14) has a structuring of its own functionality according to a communication standard and comprises mechanically separable, replaceable hardware modules (26, 28, 30, 32, 34, 36, 38) interconnected via an inter-module bus (40). The modules implement functionality related to function related elements of the standard and include a communication module (28) and I/O modules (32, 34, 36, 38). The device (14) includes elements of the communication standard comprising one device related element and replaceable function related elements of all the functions provided by the modules. The communication module (28) includes the device related element and function elements associated with the function of the communication module as well as functions provided by all the I/O modules (32, 34, 36, 38) . Fig. 2

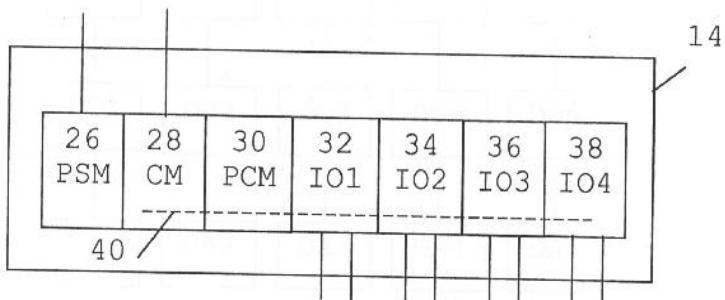


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8364/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR RELIABLY AVOIDING BACKFLOW IN THE TRANSPORT OF A LIQUID

(51) International classification	:F16K15/00, F17D1/14
(31) Priority Document No	:08158969.9
(32) Priority Date	:25/06/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP09/057462 :16/06/2009
(87) International Publication No	:WO 2009/156304 A1
(61) Patent of Addition to Application Number :NA Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)BORGEL, FRANZ

2)KRAUSE, ALFRED

3)KREITSCHMANN, MIRKO

4)MEIER, ANTON

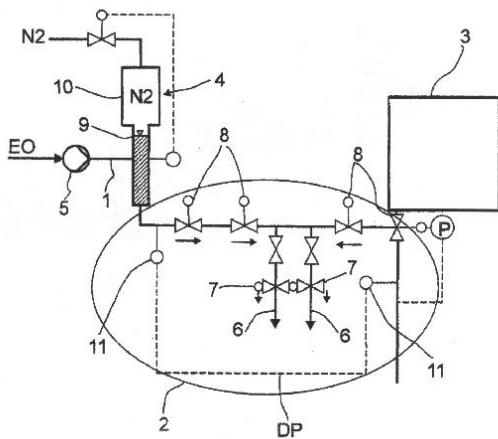
5)PAPE, FRANK-FRIEDRICH

6)REIF, WOLFGANG

7)SALLA, MICHAEL

(57) Abstract :

A method for reliably avoiding backflow in the transport of a liquid under pressure via a transport pipe (1), in which a shut-off device (2) with differential pressure switching is arranged, into a container (3) which is under pressure and which comprises the liquid to be transported and/or another liquid is proposed, wherein a pressure accumulator (4) which is filled with the liquid to be transported up to a certain level and above the liquid level, in direct contact with the liquid to be transported, with an inert gas is arranged in the transport pipe (1) upstream from the shut-off device (2) in the transport direction, the inert gas being provided in the pressure accumulator (4) under an excess pressure and in an amount relative to the container (3) to be filled which are designed so that, in the case of a drop in the pressure in the transport pipe (1), the inert gas ensures a positive pressure difference in the transport pipe (1) to the container (3) over a period which is at least as long as the reaction time of the shut-off device (2) and the shut-off device (2) has an emptying pipe (6) with emptying valve (7). (Figure 1)



No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8387/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHODS AND SYSTEMS FOR VERIFYING CUSTOMER SUPPLIED FINANCIAL ACCOUNT INFORMATION USING DEBIT AND CREDIT TRANSACTIONS

(51) International classification	:G06Q40/00	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:61/075,109	<b>1)HSBC TECHNOLOGIES INC.</b>
(32) Priority Date	:24/06/2008	Address of Applicant :545 WASHINGTON BOULEVARD,
(33) Name of priority country	:U.S.A.	JERSEY CITY, NJ 07310 U.S.A.
(86) International Application No	:PCT/US2009/047967	(72) <b>Name of Inventor :</b>
Filing Date	:19/06/2009	<b>1)BAIN, STUART</b>
(87) International Publication No	:WO 2010/008770 A8	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiment of the invention describe methods and systems for verifying customer supplied financial account information verification using debit and credit transactions. These methods include electronically transmitting an electronic debit and credit transaction to the customer financial account, based on the customer supplied financial account information. The method also includes electronically transmitting a first statement descriptor, as part of at least one of the electronic debit transaction and the electronic credit transaction, that includes a first verification code. The method also includes electronically receiving, from the customer, a second verification code, and comparing, by the computer system, the transmitted first verification code with the received second verification code with respect to each other. The method also includes verifying, by the computer system, the customer supplied financial account information based on the comparison of the verification codes.

No. of Pages : 32 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8388/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DROP ACCESS LOCATION METHOD AND SYSTEM FOR HORIZONTAL CABLING IN MULTI-DWELLING UNIT APPLICATIONS

(51) International classification	:G02B6/44, G02B6/54	(71) <b>Name of Applicant :</b> <b>1)3M INNOVATIVE PROPERTIES COMPANY</b> Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427. U.S.A.
(31) Priority Document No	:61/075,466	
(32) Priority Date	:25/06/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No Filing Date	:PCT/US2009/048298 :23/06/2009	<b>1)BERGLUND, SIDNEY, J.</b> <b>2)BORER, VICTOR, J.</b> <b>3)THOMPSON, ZACHARY, M.</b> <b>4)WILKES, LINNEA, M.</b> <b>5)SHOEMAKER, CURTIS, L.</b>
(87) International Publication No	:WO 2009/158346 A2	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A drop access location system and method, where the system includes a duct containing one or more communications lines, where the duct is mountable to a generally flat surface. The system also includes a drop access box including a base and a removable cover having a low impact profile and or decorative appearance. A mounting section of the base is configured to fit over an outer shape of the duct and overhang there from. Slack storage is provided and includes one or more guides to route an accessed communications line to a coupling and to store excess amounts of the accessed communications line. The coupling device mounting area is configured to receive a coupling, adapter, or splice that connects the accessed communications line to a drop cable. The drop access location system and method can be utilized for horizontal cabling in multi-dwelling unit (MDU), multi-tenant unit (MTU) and other building applications. A system for installing the drop access location system is also provided.

No. of Pages : 54 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8389/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PROCESS FOR THE PRODUCTION OF AMMONIA

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(51) International classification

:C01C1/04,

C01B3/02,

C01B3/38

(31) Priority Document No

:PA 2008 00881

(32) Priority Date

:26/06/2008

(33) Name of priority country

:Denmark

(86) International Application No

:PCT/EP09/004360

Filing Date

:17/06/2009

(87) International Publication No

:WO 2009/156085

A2

(61) Patent of Addition to Application Number:NA

Filing Date :NA

(62) Divisional to Application Number

:NA

Filing Date :NA

(71)Name of Applicant :

1)HALDOR TOPSOE A/S

Address of Applicant :NYMOLLEVEJ 55, DK-2800 KGS.

LYNGBY Denmark

(72)Name of Inventor :

1)STAHL, HENRIK, OTTO

2)HAN, PAT, A.

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(57) Abstract :

Process for the production of ammonia from a hydrocarbon feedstock all steam produced in the waste heat boilers of the reforming and ammonia section of the plant is super heated in one or more steam superheaters located down stream the ammonia converter in the ammonia section of the plant. There is no need for steam superheater(s) in the reforming section of the plant to cool the synthesis gas. A steam superheater for use in the process is also provided. The superheater comprises two compartments in which the first and second compartments are connected in series with respect to the steam flow and in parallel with respect to the process gas flow.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8390/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : COMPONENT WITH TOP LAYER OF A PA613 MOULDING COMPOUND

(51) International classification	:B32B27/34, C08L77/06	(71) <b>Name of Applicant :</b> <b>1)EVONIK DEGUSSA GMBH</b> Address of Applicant :RELLINGHAUSER STRASSE 1-11, 45128 ESSEN. Germany
(31) Priority Document No	:10 2008 002 599.2	
(32) Priority Date	:24/06/2008	
(33) Name of priority country	:Germany	(72) <b>Name of Inventor :</b>
(86) International Application No Filing Date	:PCT/EP09/057750 :23/06/2009	<b>1)WURSCHE, ROLAND</b> <b>2)BOLLMANN, SONJA</b> <b>3)BAUMANN, FRANZ-ERICH</b> <b>4)KUTING, BEATRICE</b> <b>5)LUTZELER, KIRSTEN</b> <b>6)PAWLIK, ANDREAS</b> <b>7)WIELPUTZ, MARTIN</b>
(87) International Publication No	:WO 2009/156368 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

A component which comprises the following components: I. a top layer of a moulding compound which contains at least 50% by weight of PA613 and II. a substrate of a thermoplastic moulding compound has a surface with high scratch resistance and high chemical resistance.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8391/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : OPERATOR IDENTIFYING APPARATUS, OPERATOR IDENTIFYING METHOD, AND VEHICLE-MOUNTED APPARATUS

(51) International classification	:G01C21/26, G01C21/36, B60R11/02	(71) <b>Name of Applicant :</b> <b>1)3M INNOVATIVE PROPERTIES COMPANY</b> Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(31) Priority Document No	:2008-166508	
(32) Priority Date	:25/06/2008	
(33) Name of priority country	:Japan	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/US09/045942	<b>1)NAKAYAMA, TASUKU</b>
Filing Date	:02/06/2009	<b>2)CORDEIRO, CRAIG, A.</b>
(87) International Publication No	:WO 2009/158152 A2	<b>3)GEAGHAN, BERNARD, O.</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An operator identifying apparatus, operator identifying method, and a vehicle mounted apparatus.

No. of Pages : 70 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8358/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHOD AND MACHINE FOR FORMING SINGLE FACE CORRUGATED BOARD

(51) International classification	:B31F1/28, B32B7/14, B31F5/04	(71) <b>Name of Applicant :</b> <b>1)CORCEL IP LIMITED</b> Address of Applicant :C/O LEVEL 12, KPMG CENTRE, 85 ALEXANDRA STREET, HAMILTON, 3204 New Zealand
(31) Priority Document No	:568698	(72) <b>Name of Inventor :</b>
(32) Priority Date	:27/05/2008	<b>1)VAN BERLO, PATRICK PETRUS ANTONIUS MARIA</b>
(33) Name of priority country	:New Zealand	
(86) International Application No	:PCT/NZ09/000085	
Filing Date	:26/05/2009	
(87) International Publication No	:WO 2009/145642 A1	
(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 bonding a substantially planar sheet material to a corrugated sheet material using an automated process the method characterised by the steps of a) applying adhesive in discrete amounts to the contact points of the corrugated sheet material, and b) holding the sheet materials together until a bond is formed between them.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8359/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A PALLADIUM-CONTAINING CATALYST FOR PRODUCING AN  $\alpha$ ,  $\beta$  -UNSATURATED CARBOXYLIC ACID

(51) International classification	:B01J23/644, B01J 27/057, C07B 61/00	(71) <b>Name of Applicant :</b> <b>1)MITSUBISHI RAYON CO., LTD.</b> Address of Applicant :6-41, KONAN 1-CHOME, MINATO-KU, TOKYO 108-8506 Japan
(31) Priority Document No	:2005-042494	(72) <b>Name of Inventor :</b>
(32) Priority Date	:18/02/2005	<b>1)YASUKAWA, TOSHIYA</b>
(33) Name of priority country	:Japan	<b>2)MATSUI, TOSHIKI</b>
(86) International Application No Filing Date	:PCT/JP06/302795 :17/02/2006	<b>3)OYACHI, KEN</b>
(87) International Publication No	:WO 2006/088117	<b>4)HIMENO, YOSHIYUKI</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	<b>5)NINOMIYA, WATARU</b>
(62) Divisional to Application Number Filed on	:4102/CHENP/2007 :17/02/2006	

(57) Abstract :

The present invention relates to a palladium-containing catalyst for producing an  $\alpha$ ,  $\beta$  -unsaturated carboxylic acid from an olefin or an  $\alpha$ ,  $\beta$  -unsaturated aldehyde, comprising palladium element which composes a metal, tellurium element, and bismuth element.

No. of Pages : 50 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8400/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DISTRIBUTED SECURITY PROVISIONING

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(51) International classification	:H04L12/22, H04L9/00
(31) Priority Document No	:12/128,371
(32) Priority Date	:28/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/044972
Filing Date	:22/05/2009
(87) International Publication No	:WO 2009/154945 A2
(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)ZSCALLER, INC.**

Address of Applicant :392 POTRERO AVENUE,  
SUNNYVALE, CALIFORNIA 94085. U.S.A.

(72)Name of Inventor :

**1)CHAUDHRY, JAY**

**2)SCHEKOKHIN, ARCADY V.**

**3)DEVARAJAN, SRIKANTH**

**4)PAUL, NARINDER**

**5)KAILASH, KAILASH**

(57) Abstract :

Systems, methods and apparatus for a distributed security that provides security processing external to a network edge. The system can include many distributed processing nodes and one or more authority nodes that provide security policy data, threat data, and other security data to the processing nodes. The processing nodes detect and stop the distribution of malware, spyware and other undesirable content before such content reaches the destination network and computing systems.

No. of Pages : 45 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8401/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SOLID SUPPORT WITH A GRAFTED CHAIN

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(51) International classification	:B01J20/32, B01J39/16, B01D15/00
(31) Priority Document No	:61/075,934
(32) Priority Date	:26/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/043455
Filing Date	:11/05/2009
(87) International Publication No	:WO 2009/158071 A2
(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)3M INNOVATIVE PROPERTIES COMPANY**

Address of Applicant :3M CENTER, POST OFFICE BOX  
33427, SAINT PAUL, MINNESOTA 55133-3427. U.S.A.

(72)Name of Inventor :

- 1)SHANNON, SIMON, K.**
- 2)BOTHOF, CATHERINE, A.**
- 3)GADDAM, BABU, N.**
- 4)RASMUSSEN, JERALD, K.**
- 5)ROSS, RICHARD, B.**

(57) Abstract :

Articles that contain a solid support with a grafted chain extending from the solid support, methods of making these articles, and various uses of the articles are described. More specifically, the grafted chain has a functional group that can react with or interact with target compound. Alternatively, the functional group on the grafted chain can react with a modifying agent to provide another group that can react with or interact with the target compound. The grafted chains are attached to the solid support through a ring-opened azlactone group. The articles can be used to purify the target compound or to separate the target compound from other molecules in a sample.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8402/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : THERAPEUTIC AGENT FOR ALZHEIMERS DISEASE

(51) International classification	:C07C49/248, A61K31/12, A61K31/138
(31) Priority Document No	:2008-141996
(32) Priority Date	:30/05/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP09/059675 :27/05/2009
(87) International Publication No	:WO 2009/145219 A1
(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)TOKYO INSITUTE OF TECHNOLOGY**

Address of Applicant :2-12-1, OOKAYAMA, MEGURO-KU,  
TOKYO 152-8550. Japan

**2)KYOTO UNIVERSITY**

(72)Name of Inventor :

**1)SUGIMOTO, HACHIRO**

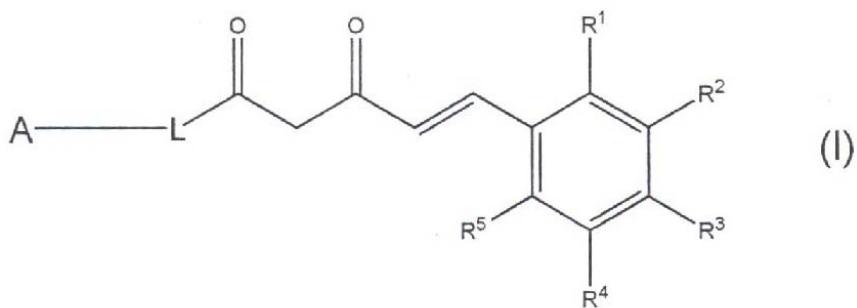
**2)TAKAHASHI, TAKASHI**

**3)HIJIKURO, ICHIRO**

**4)OKUDA, MICHIAKI**

(57) Abstract :

To develop a highly safe measure to treat AlzheimFers disease using a secretase inhibiting substance, there is provided a compound represented by the following general formula (I) or a salt thereof: [Formula 1] wherein A represents a phenyl group or the like, R1 represents a chlorine atom, a bromine atom, or a nitro group or the like, R2, R3, R4, and R5 each represent a hydrogen atom or the like, and L represents CH2-CH2 or CH=CH.



No. of Pages : 61 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8404/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : FREE-EJECTING STARTER

(51) International classification	:F02N15/06, F02N15/02
(31) Priority Document No	:10 2008 002 115.6
(32) Priority Date	:30/05/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/056269 :25/05/2009
(87) International Publication No	:WO 2009/144183 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant :POSTFACT 30 02 20, STUTTGART  
70442 Germany

(72)Name of Inventor :

1)KUGLER, JUERGEN

(57) Abstract :

The present subject matter relates to a free-ejecting starter (1) for cranking an internal combustion engine in a vehicle. The free-ejecting starter (1) includes a pinion shaft (2), which includes a single-track pinion (3) at a front, free-ejecting end, and a pinion shank (4) at an opposite end. The pinion shaft (2) is guided and mounted in a slid able manner on a drive shaft (5) of the free-ejecting starter (1) and is held in a bearing by a bearing plate (10) of the free-ejecting starter (1). According to the present subject matter, the pinion shank (4) includes at least one first, outer bearing section (6), which is mounted directly on the drive shaft (5). Fig.1

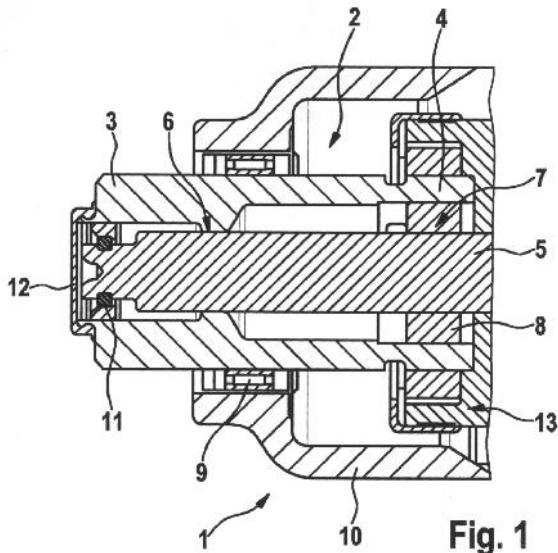


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8392/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : QUERY IDENTIFICATION AND ASSOCIATION

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(51) International classification	:G06F17/30, G06F17/00
(31) Priority Document No	:61/074,945
(32) Priority Date	:23/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/048159
Filing Date	:22/06/2009
(87) International Publication No	:WO 2010/008800 A2
(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)GOOGLE INC.

Address of Applicant :1600 AMPHITHEATRE PARKWAY,  
MOUNTAIN VIEW, CA 94043. U.S.A.

(72)Name of Inventor :

1)GUHA, RAMANATHAN V.

2)VENKATARAMAN, SHIVAKUMAR

3)GUPTA, VINEET

4)GULTEKIN, GOKAY BARIS

5)KARBHARI, PRADNYA

6)JALAN, ABHINAV

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(57) Abstract :

Apparatus, systems and methods for predictive query identification for advertisements are disclosed. Candidate query are identified from queries stored in a query log. Relevancy scores for a plurality of web documents are generated, each relevancy score associated with a corresponding web document and being a measure of the relevance of the candidate query to the web document. A web document having an associated relevancy score that exceeds a relevancy threshold is selected. The selected web document is associated with the candidate query.

No. of Pages : 47 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8393/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : COMPOSITIONS AND METHODS FOR USING CELLS TO TREAT HEART TISSUE

(51) International classification	:A61K38/18, A61K38/48, A61P9/00	(71) <b>Name of Applicant :</b> <b>1)MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH</b> Address of Applicant :200 FIRST STREET S.W., ROCHESTER, MINNESOTA 55905 U.S.A.
(31) Priority Document No	:PCT/US2008/064895	(72) <b>Name of Inventor :</b>
(32) Priority Date	:27/05/2008	<b>1)TERZIC, ANDRE</b>
(33) Name of priority country	:PCT	<b>2)BEHFAR, ATTA</b>
(86) International Application No Filing Date	:PCT/US09/044714 :20/05/2009	
(87) International Publication No	:WO 2009/151907 A3	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

This document relates to compositions containing cardiogenic factors, to methods to obtain cells by culturing initial cells in the presence of such factors; and methods of administering the obtained cells to heart tissue.

No. of Pages : 42 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8394/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : POLYROTAXANE, AQUEOUS POLYROTAXANE DISPERSION COMPOSITION, CROSSLINKED BODY OF POLYROTAXANE AND POLYMER AND METHOD FOR PRODUCING THE SAME

(51) International classification	:C08B37/16, C08G65/333
(31) Priority Document No	:2008-142428
(32) Priority Date	:30/05/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP09/059041 :15/05/2009
(87) International Publication No	:WO 2009/145073 A1
(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)ADVANCED SOFTMATERIALS INC.**

Address of Applicant :3-1, HONGO 7-CHOME, BUNKYO-KU, TOKYO 113-0033. Japan

(72)**Name of Inventor :**

**1)HAYASHI,YUKI**

**2)SHIBUYA, MARIKO**

**3)KUDO, MASABUMI**

**4)YAMANAKA, MASAHIKO**

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(57) Abstract :

Provided are a polyrotaxane capable of using an aqueous solvent in a fabricating process although it has hydrophobicity, an aqueous composition having the polyrotaxane, a crosslinked body comprising the polyrotaxane, etc. The polyrotaxane comprises blocking groups located at both ends of a pseudo-polyrotaxane having cyclic molecules and a linear molecule which pierces the cavities of the cyclic molecules in a skewered manner to form a clathrate therewith so as not to detach the cyclic molecules, wherein the cyclic molecules have a group represented by Formula I, a group represented by Formula II and a group represented by Formula III. Incidentally, M represents, for example, a group derived from ring-opening polymerization of  $\epsilon$ -caprolactone or the like, A represents a hydroxy group or the like, B represents a -COOH group or the like, and C represents A and/or B: -M-A Formula I; -M-3 Formula II; and -C Formula III.

No. of Pages : 95 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8421/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : VEGETABLE OIL OF HIGH DIELECTRIC PURITY, METHOD FOR OBTAINING SAME AND USE THEREOF IN AN ELECTRICAL DEVICE

(51) International classification	:H01B3/20, C10M101/04, C11B3/00	(71) <b>Name of Applicant :</b> <b>1)RAGASA INDUSTRIAS, S.A. DE C.V.</b> Address of Applicant :AV. DR. JOSE ELEUTERIO GONZALEZ, NO. 2815, COL. MITRAS NORTE, C.P. 64320, MONTERREY, NUEVO LEON Mexico
(31) Priority Document No	:PCT/MX2008/000140	<b>2)PROLEC-GE INTERNACIONAL, S. DE R.L. DE C.V.</b>
(32) Priority Date	:16/10/2008	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:Mexico	<b>1)PULIDO SANCHEZ, ALBERTO JOSE</b>
(86) International Application No Filing Date	:PCT/MX2008/000140 :16/10/2008	<b>2)URZUA HERNANDEZ, CARLOS MANUEL</b>
(87) International Publication No	:WO 2010/044648 A1	<b>3)CAZARES MENDEZ, SERGIO FRANCISCO</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	<b>4)VILLARREAL RIOS, JERONIMO R.</b>
(62) Divisional to Application Number Filing Date	:NA :NA	<b>5)CONTRERAS DE LEON, JOSE EULALIO</b>
		<b>6)GUERRA ZUBIAGA, DAVID APOLINAR</b>

(57) Abstract :

A dielectric high purity vegetable oil - free from antioxidants and/or external additives to be used in electric equipment such as transformers, as isolating element and as cooling means and a method for obtaining the same in which the dielectric high purity vegetable oil - is obtained by means of the optimization of the bleaching steps - and deodorizing - from the Refining process -known as Modified Caustic Refining Long-Mix (RBD).

No. of Pages : 28 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8422/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : APPARATUS AND METHOD FOR OPTIMIZING REACTION TIME FOR CURABLE MATERIAL

(51) International classification	:A61B17/56
(31) Priority Document No	:61/075,197
(32) Priority Date	:24/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/048196
Filing Date	:23/06/2009
(87) International Publication No	:WO 2010/008814
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)CAREFUSION 2200, INC**

Address of Applicant :3750 TORREY VIEW COURT, SAN DIEGO, CA 92130 U.S.A.

(72)**Name of Inventor :**

**1)KRUEGER, JOHN, A.**

**2)DARLEY, JESSE**

**3)RAY, JOHN**

**4)KOPP, KEVIN**

---

(57) Abstract :

An apparatus and method for optimizing reaction for curable material is disclosed. In operating rooms that are relatively colder, heating curable material can increase the reaction time. A heater may be placed in thermal contact with the curable material to heat the curable material.

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8423/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : METHOD AND COOLER FOR COOLING HOT PARTICULATE MATERIAL

(51) International classification	:F27D15/02, F27B7/38, C04B7/47	(71) <b>Name of Applicant :</b> <b>1)FLSMIDTH A/S</b> Address of Applicant :VIGERSLEV ALLE 77, DK-2500 VALBY Denmark
(31) Priority Document No	:PA200800878	(72) <b>Name of Inventor :</b>
(32) Priority Date	:26/06/2008	<b>1)CEDERGAARD, NIELS OLE</b>
(33) Name of priority country	:Denmark	<b>2)ORN EINARSSON, AGUST</b>
(86) International Application No	:PCT/EP09/055888	<b>3)DRIVSHOLM, MORTEN</b>
Filing Date	:15/05/2009	<b>4)JESSEN, EJNAR</b>
(87) International Publication No	:WO 2009/156228 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A description is provided of a method as well as a cooler (1) for cooling hot particulate material which has been subjected to heat treatment in an industrial kiln, such as a rotary kiln (3) for manufacturing cement clinker whereby the hot material from the kiln (3) is directed onto a grate (21) in a cooler (1) where cooling gases via at least one cooling gas duct (28) are directed through slots (20) in the grate for cooling the hot material and where compressed air can be injected into the material on the grate (21). The method as well as the cooler is characterized in that compressed air is injected into the cooling gas duct (28). It is hereby obtained that the compressed air which is injected into the cooling gas duct (28) will operate as a non-return valve which will ensure that compressed air is injected into the material on the grate (21). This is due to the fact that the mass flow inertia and the dynamic pressure of the compressed air being injected into the cooling gas duct (28) will prevent a backflow of the compressed air into the cooling gas duct (28). The blanking-off of the cooling gas duct (28) thus achieved will further prevent clinker dust from falling through the cooling gas duct.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8405/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : APPARATUS FOR STABILIZING OXIDIZABLE LIQUIDS

(51) International classification	:F02M25/14
(31) Priority Document No	:102008002020.6
(32) Priority Date	:28/05/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/053922
Filing Date	:02/04/2009
(87) International Publication No	:WO 2009/149969
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

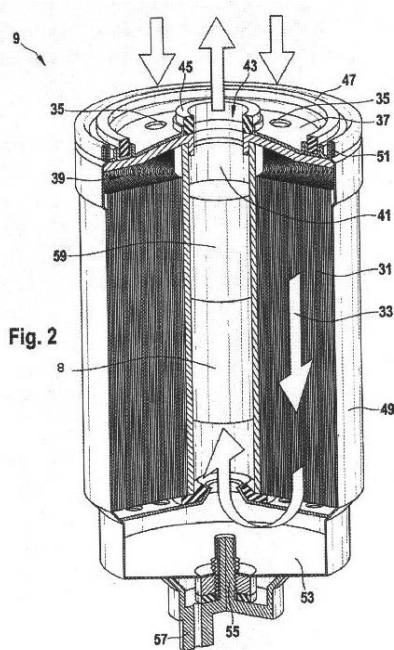
Address of Applicant :POSTFACH 30 02 20, STUTTGART  
70442. Germany

(72)Name of Inventor :

1)GLOECKLE, MARKUS

(57) Abstract :

The present subject matter relates to an apparatus for stabilizing oxidizable liquids. The apparatus includes a housing (7) through which the liquid flows. Further, the housing (7) comprises at least one antioxidant that is immobilized on a supporting material (59), and is non-dissolvable in the oxidizable liquid. Fig.2



No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8406/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CONTROL DEVICE AND METHOD FOR ASSEMBLING CONTROL DEVICE FOR PASSENGER PROTECTION MEANS FOR VEHICLE

(51) International classification	:B60R21/0, G01D11/24, G01P1/02	(71) <b>Name of Applicant :</b> <b>1)ROBERT BOSCH GMBH</b> Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART. Germany
(31) Priority Document No	:10 2008 002 160.1	(72) <b>Name of Inventor :</b>
(32) Priority Date	:02/06/2008	<b>1)MOSER, MANFRED</b>
(33) Name of priority country	:Germany	<b>2)WONNER, MARK</b>
(86) International Application No Filing Date	:PCT/EP2009/054064 :06/04/2009	<b>3)CUPAL, ROLAND</b>
(87) International Publication No	:WO 2009/146964 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

The present subject matter relates to a control device (100) for passenger protection means for a vehicle including at least one printed circuit board (108, 204) for accommodating electric components, a plastic cover (101, 206), and a plastic base (102), between which the at least one printed circuit board (108, 204) is configured, and a maximum of three connecting means (104, 201), which connect the plastic cover (101, 206), the plastic base (102) and the at least one printed circuit board (108, 204) to one another. Further, the connecting means are additionally provided to form a frictional connection with the vehicle body (103,205). Fig.1

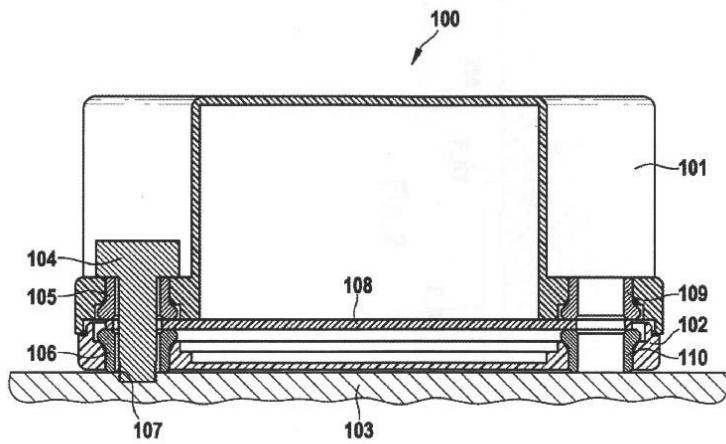


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8408/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : AMPLIFIER WITH GAIN EXPANSION STAGE

(51) International classification	:H03F1/30, H03F1/32, H03F3/24	(71) <b>Name of Applicant :</b> <b>1)QUALCOMM INCORPORATED</b> Address of Applicant :INTERNATIONAL IP ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714. U.S.A.
(31) Priority Document No	:12/143,669	
(32) Priority Date	:20/06/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2009/048042	(72) <b>Name of Inventor :</b>
Filing Date	:19/06/2009	<b>1)CHIEWCHARN NARATHONG</b>
(87) International Publication No	:WO 2009/155566 A1	<b>2)SANKARAN ANIRUDDHAN</b>
(61) Patent of Addition to Application Number	:NA	<b>3)WENJUN SU</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques are disclosed for extending an amplifiers linear operating range by concatenating an amplifier exhibiting gain compression with a gain expansion stage. In an exemplary embodiment, a gain expansion stage incorporates a Class-B stage, a Class-AB stage, or a combination of the two. In an exemplary embodiment, both the gain compression stage and gain expansion stage are provided with a replica current biasing scheme to ensure stable biasing current over variations in temperature, process, and/or supply voltage. Further disclosed is an output voltage biasing scheme to set the DC output voltage to ensure maximum linear operating range.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :23/12/2010

(21) Application No.8409/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHOD AND APPARATUS FOR PROVISIONING OF INFORMATION IN A CELLULAR COMMUNICATION NETWORK

(51) International classification	:H04W24/04, H04W88/08, H04W88/12	(71) <b>Name of Applicant :</b> <b>1)IP.ACCESS LIMITED</b> Address of Applicant :BUILDING 2020, CAMBOURNE BUSINESS PARK, CAMBOURNE, CAMBRIDGE CB23 6DW U.K.
(31) Priority Document No	:61/074,797	<b>2)CISCO TECHNOLOGY, INC.</b>
(32) Priority Date	:23/06/2008	(72) <b>Name of Inventor :</b>
(33) Name of priority country	:U.S.A.	<b>1)IAN MCPHERSON</b>
(86) International Application No Filing Date	:PCT/EP2009/057669 :19/06/2009	<b>2)DAVID NEIL</b>
(87) International Publication No	:WO 2009/156345 A1	<b>3)ALAN WHITEHEAD</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	<b>4)JOSHUA LITTLEFIELD</b>
(62) Divisional to Application Number Filing Date	:NA :NA	<b>5)ANTON OKMYANSKIY</b>
		<b>6)ARCHIE HENSLEY</b>
		<b>7)EDWARD HAYES</b>

(57) Abstract :

A network management system (240) for managing communications in a cellular communication network comprising an access point (215) configured to facilitate communication from a wireless subscriber communication unit to the cellular communication network, the access point (215) comprising access point configuration logic (245) arranged to configure the access point (215) with access point configuration information, wherein the access point (215) is a femto-cell wireless access point device; an access controller (235) configured to control access to the cellular communication network, wherein the access controller is operably coupled to the access point (215), wherein the access controller (235) comprises access controller configuration logic (255) arranged to configure the access controller (235) with access controller configuration information; wherein the network management system (240) is characterised in that the access point (215) configuration logic is arranged to configure the access point (215) with access point configuration information comprising, at least in part, access controller configuration information intended for the access controller (235).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8441/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : PROCESS FOR THE PREPARATION OF CLOPIDOGREL HYDROGEN SULFATE CRYSTALLINE FORM I

(51) International classification	:C07D495/04
(31) Priority Document No	:08104529.6
(32) Priority Date	:24/06/2008
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP09/057228
Filing Date	:11/06/2009
(87) International Publication No	:WO 2009/156279 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

**1)ZACH SYSTEM S.P.A.**

Address of Applicant :VIA LILLO DEL DUCA, 10, I-20091  
BRESSO (MILANO) Italy

(72)**Name of Inventor :**

**1)SORIATO, GIORGIO**

**2)BRESCELLO, ROBERTO**

**3)URBANI, DANIELE**

**4)COTARCA, LIVIUS**

---

(57) Abstract :

The present invention relates to a process for the preparation of clopidogrel and, more particularly, to an improved process for the preparation of clopidogrel hydrogen sulfate crystalline Form I by addition of dilute sulfuric acid to a solution of clopidogrel free base in butyl acetate.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8365/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : ISOQUINOLINONE DERIVATIVES AS NK3 ANTAGONISTS

(51) International classification	:C07D401/04, C07D401/14, C07D403/04	(71) <b>Name of Applicant :</b> <b>1)H. LUNDBECK A/S</b> Address of Applicant :9, OTTILIAVEJ, DK-2500 VALBY-COPENHAGEN Denmark
(31) Priority Document No	:PA200800859	(72) <b>Name of Inventor :</b>
(32) Priority Date	:23/06/2008	<b>1)KHANZHIN, NIKOLAY</b>
(33) Name of priority country	:Denmark	<b>2)JUHL, KARSTEN</b>
(86) International Application No Filing Date	:PCT/EP09/057660 :19/06/2009	<b>3)NIELSEN, SOREN, MOLLER</b>
(87) International Publication No	:WO 2009/156339 A1	<b>4)SIMONSEN, KLAUS, BAEK</b>
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Isoquinolone derivatives of the general formula 1 are provided. The compounds are NK3 antagonists and useful for the treatment of e.g. psychosis and schizophrenia.

No. of Pages : 81 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8366/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : USE OF A LUBRICATING COMPOSITION COMPRISING A POLY(HYDROXYCARBOXYLIC ACID) AMIDE

(51) International classification	:C10M149/14, C10N30/04
(31) Priority Document No	:08158836.0
(32) Priority Date	:24/06/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP09/057807 :23/06/2009
(87) International Publication No	:WO 2009/156393 A1
(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)SHELL INTERNATIONALE RESEARCH  
MAATSCHAPPIJ B.V.**

Address of Applicant :CAREL VAN BYLANDTLAAN 30,  
NL-2596 HR THE HAGUE Netherlands

(72)**Name of Inventor :**

**1)FRANK, JANE ELIZABETH  
2)SOUTHBY, MARK, CLIFT**

---

(57) Abstract :

The present invention provides the use of lubricating composition comprising a base oil and one or more poly( hydroxycarboxylic acid) amide salt derivatives for the improvement of piston cleanliness, preferably in internal combustion engines, in particular tested according to one or more of TU5 (CEC L-88-TO 2) and ASTM D6984.Preferably, one or more of the poly ( hydroxyl carboxylic acid) amide salt derivatives have a TBN (total base number) value of less than 10mg.KOH/g.

No. of Pages : 23 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8369/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DEVICE AND METHOD FOR DETERMINING A RHEOLOGICAL PROPERTY OF MUCUS

(51) International classification	:G01N11/00, A61B10/00	(71) <b>Name of Applicant :</b> <b>1)KEN KEN B.V.</b> Address of Applicant :ZANDSTRAAT 37, 5691 CD SON Netherlands
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT/NL2008/050318	(72) <b>Name of Inventor :</b> <b>1)MOONS, MATHIAS THEODORUS MARIA</b>
Filing Date	:27/05/2009	
(87) International Publication No	:WO 2009/145610 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Device and method for determining a rheological property, such as viscosity or threadability, of mucus comprising a housing having a circumferential surface defining an opening for receiving a quantity of the mucus, a probe extending within the housing and having a tip for contacting at least a portion of the quantity of mucus, a displacement mechanism for displacing the tip of the probe with respect to the housing, and a measurement unit for measuring a displacement of the tip of the probe. The device and method are especially suitable for determining the rheological property of mammal cervical mucus for determining female fertility.

No. of Pages : 29 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8370/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AUTOMATIC TRANSFER OF INFORMATION THROUGH PHYSICAL DOCKING OF DEVICES

(51) International classification	:H04L9/32, H04W12/06
(31) Priority Document No	:12/164,079
(32) Priority Date	:29/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048918 :26/06/2009
(87) International Publication No	:WO 2010/011465 A3
(61) 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,  
REDMOND, WA 98052-6399 U.S.A.

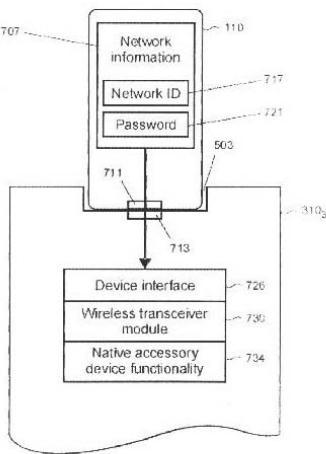
(72)Name of Inventor :

1)YALOVSKY, MARK

(57) Abstract :

A personal media player (110) is arranged to capture information, such as wireless network information (including network ID and key) and other kinds of information such as credentials (e.g., user name and password), and then share the information with an accessory device (310) when the player (110) is physically coupled to the device in a docking process. When the personal media player (110) is docked, the information is automatically transferred from the player to the device to enable the device to perform some action without any additional effort by the user. This could include, for example, discovering and be securely admitted to a wireless network (306), or accessing a remote service using the transferred credentials.

FIG. 7



No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8371/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PORTABLE MEDIA PLAYER HAVING A FLIP FORM FACTOR

(51) International classification	:G11B33/02, G11B33/10, G11B20/10
(31) Priority Document No	:12/164,027
(32) Priority Date	:28/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048887 :26/06/2009
(87) International Publication No	:WO 2009/158635 A3
(61) 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,  
REDMOND WA 98052-6399 U.S.A.

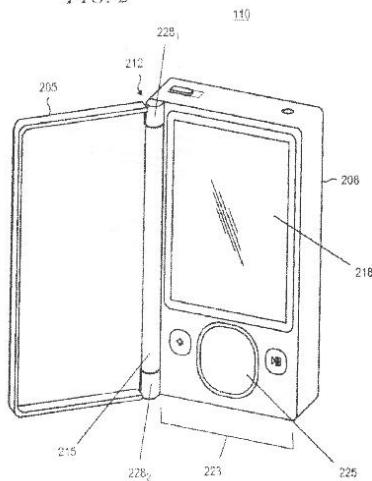
(72)Name of Inventor :

1)ALLARD, JAMES, E.

(57) Abstract :

A portable media player (110) is configured with a flip form factor in which a flip cover (205) is hingedly fixed to a main body (208) portion of the player (110). The flip cover (205) rotates about the hinge (215) between open positions that expose the display screen (218) and user controls (223) of the player (110) and a closed position that covers that screen (218) and controls (223) to keep them clean and protected against damage when the player (110) is being used or transported. The flip cover (205) includes a set of secondary user controls (410) on its exterior surface so that the user may operate the player (110) when the flip cover (205) is in its closed position. The hinge (215) is configured to provide sufficient frictional torque over its angular range of motion to enable the flip cover (205) to operate as a built-in display stand to angle the display screen (218) for comfortable viewing. The flip cover (205) further provides additional surface area for personalization. FIG.2

FIG. 2



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8372/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PRESENTING DYNAMIC FOLDERS

	:G06F15/16,
(51) International classification	G06F3/048, G06F17/00
(31) Priority Document No	:12/163,566
(32) Priority Date	:27/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048973 :26/06/2009
(87) International Publication No	:WO 2009/158688 A3
(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)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,  
REDMOND WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)GUZAK, CHRIS, J.

2)GUSMORINO, PAUL, A.

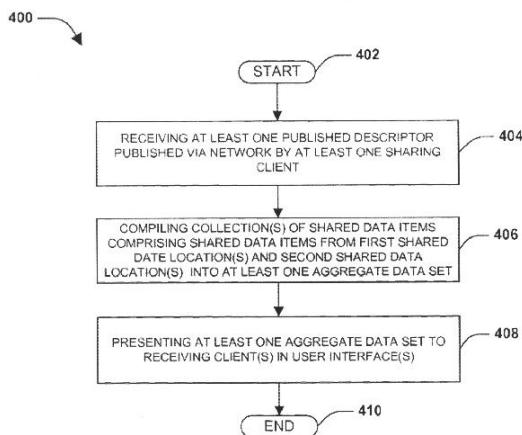
3)IVANOVIC, RELJA, B.

4)TUBBS, KENNETH, M.

5)WONG, LYON, K., F.

(57) Abstract :

Methods and systems are illustrated for defining and presenting a location that is virtual and composed of items from different file system locations to a user interface. Items that have been published over a network can be easily accessed and efficiently browsed when there is a large number of data items shared. The data items shared can be from multiple locations and/or multiple clients that have been published over a network, which can be retrieved, defined and presented directly in a user interface. FIG. 4



**FIG. 4**

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8373/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : WIRELESS SYNCHRONIZATION OF MEDIA CONTENT AND SUBSCRIPTION CONTENT

(51) International classification	:G06F15/16, G06Q50/00
(31) Priority Document No	:12/165,553
(32) Priority Date	:30/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US09/048982 :28/06/2009
(87) International Publication No	:WO 2010/002746 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,  
REDMOND, WA 98052-6399 U.S.A.

(72)Name of Inventor :

1)SILVERMAN, ANDREW, L.

2)KIILERICH, DENNIS

3)VINCENT, JOSHUAH

(57) Abstract :

Arrangements are provided which use a host computer (30) to configure a wireless portable devices network connection parameters. The radio (162) on the portable device (20) may be used to help locate (212,214) nearby accessible wireless networks. Once a synchronization relationship between the portable device (20) and a media library on a host computer (30) is established, periodically updated content, such as podcasts, may be discovered and subscribed to using software on the host computer (30), and the content synchronized (244,246) with the host computer (30). A portable device (20) may manage (252) episodic content, such as podcasts, using the devices own wireless connection, and may further send (258) such content to other portable devices (20). A central user profile may be set up on a web server to synchronize (278,286) multiple wireless or wired devices.

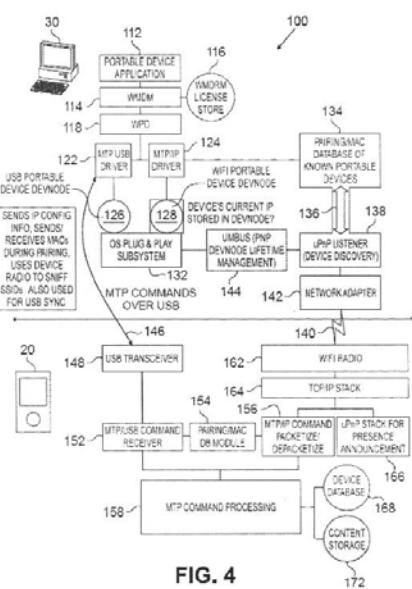


FIG. 4

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8375/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PLATFORM INDEPENDENT ECOSYSTEM FOR CREATION, CONSUMPTION AND TRADE OF USER-GENERATED DIGITAL CONTENT

(51) International classification	:G06Q50/00, G06Q30/00
(31) Priority Document No	:12/165,399
(32) Priority Date	:30/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048985 :28/06/2009
(87) International Publication No	:WO 2010/002749 A3
(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)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,  
REDMOND WA 98052-6399 U.S.A.

(72)Name of Inventor :

- 1)ELIEN, JEAN-EMILE
- 2)CHEN, LING, TONY
- 3)COOPER, RYAN, B.
- 4)KRISHNAMOORTHY, SHYAM
- 5)MEDVINSKY, GENNADY
- 6)HARTRELL, GREGORY, D.
- 7)NAGARAN, RAMESH

(57) Abstract :

A platform (e.g. game console) and application (e.g. game title) independent ecosystem for the creation, consumption and trade of user generated digital content permits any application operating on any platform to participate in a market driven economy for user generated digital objects (UGDO's). The trading system is independent of (i.e. external to) all participating applications. A metadata attribution method for UGDO's in combination with heterogeneous application support through well-defined interfaces facilitates unlimited participation. Attributed metadata may be understood and consumed across platforms and applications. Flexible UGDO rights enforcement techniques in combination with a flexible fair exchange service for those rights support all manner of UGDO's and commercial transactions therefore. Participating application may provide rights enforcement in some instances. The nature of enforcement may rest on the nature of UGDO content, rights in UGDO's or author preferences. The trading system assures that all transactions in the UGDO economy are secure, fault tolerant and atomic, providing integrity and confidence in the UGDO economy.

FIGURE 3

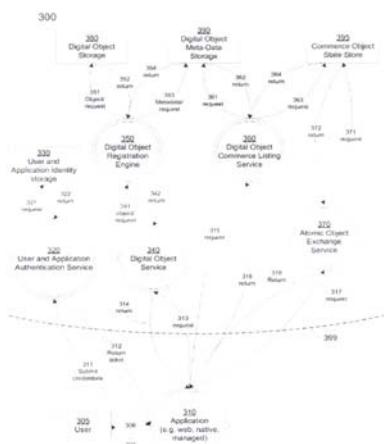


FIGURE 3

No. of Pages : 43 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8376/CHENP/2010 A

(43) Publication Date : 26/08/2011

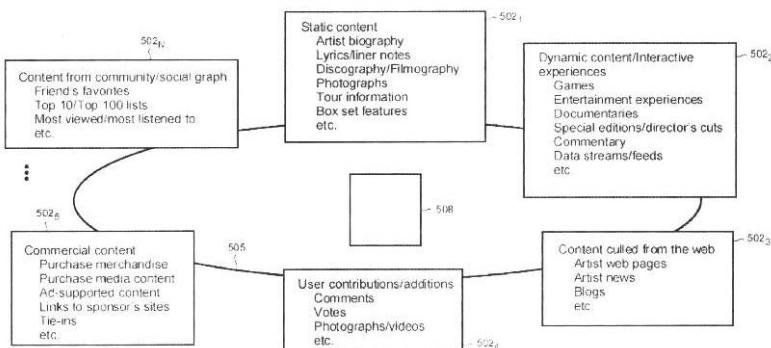
(54) Title of the invention : PROVIDING MULTIPLE DEGREES OF CONTEXT FOR CONTENT CONSUMED ON COMPUTERS AND MEDIA PLAYERS

(51) International classification	:G06Q50/00, G06F3/14	(71) <b>Name of Applicant :</b> <b>1)MICROSOFT CORPORATION</b> Address of Applicant :ONE MICROSOFT WAY, REDMOND, WA 98052-6399 U.S.A.
(31) Priority Document No	:12/164,084	
(32) Priority Date	:29/06/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No Filing Date	:PCT/US2009/048905 :26/06/2009	
(87) International Publication No	:WO 2010/011463 A3	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Multiple degrees of context for media content that is consumable on computing platforms including PCs (312) and personal media players (110) is provided by logically organizing context objects (502) into halos (505) that surround each piece of consumable content (508). The context objects (502) represent information and experiences that are contextually associated with media content to enable users to easily discover content and experiences that they will find interesting in a rich and personal manner. As a user (105) navigates from a content (508) item to a context object (502) in the halo (505), the context object (502) itself morphs into content that is then surrounded by a new halo of context objects to which the user may navigate. The organization of media content and information into halos enables an effective contextual paradigm that cuts across strict hierarchical structures to allow the user experience to be much more seamless and free-flowing. FIG.6

FIG. 6



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8444/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : AMPHIPHILIC BRANDED POLYMERS AND THEIR USE AS EMULSIFIERS

(51) International classification	:C08F220/34, C08F220/28	(71) <b>Name of Applicant :</b> <b>1)UNILEVER N.V.</b> Address of Applicant :WEENA 455, NL-3013,AL ROTTERDAM Netherlands
(31) Priority Document No	:08157197.8	(72) <b>Name of Inventor :</b>
(32) Priority Date	:29/05/2008	<b>1)FINDLAY, PAUL HUGH</b>
(33) Name of priority country	:EPO	<b>2)RANNARD, STEVEN, PAUL</b>
(86) International Application No	:PCT/GB09/001355	<b>3)ROYLES, BRODYCK, JAMES, LACHLAN</b>
Filing Date	:29/05/2009	<b>4)WEAVER, JONATHAN, VICTOR, MARK</b>
(87) International Publication No	:WO 2009/144471 A1	
(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 amphiphilic branched copolymers, methods for their preparation , emulsions comprising such co polymers and their use as emulsifiers. The polymers are responsive by nature, by forming non-covalent bonds between monomer residues upon applying external stimuli. In a preferred embodiment of the copolymer, the co polymer can be used to stabilize emulsions and the emulsion droplets can be reversibly aggregated and de-aggregated.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8446/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD AND DEVICE FOR OUTPUT OF GRANULATE FROM THE BOTTOM OF A TANK THAT IN ADDITION TO GRANULATE HOLDS LIQUID

(51) International classification	:B65G53/50	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:0801491-2	<b>1)UVAN HAGFORS TEKNOLOGI AKTIEBOLAG</b>
(32) Priority Date	:24/06/2008	Address of Applicant :GEIJERSVAGEN 6, S-683 40 UDDEHOLM Sweden
(33) Name of priority country	:Sweden	(72) <b>Name of Inventor :</b>
(86) International Application No	:PCT/SE09/050765	<b>1)LUNDSTROM, CHRISTOFFER</b>
Filing Date	:18/06/2009	<b>2)FOLGERO, KARE</b>
(87) International Publication No	:WO 2009/157857 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to ensure a momentary transport upwards of granulate from a granulation tank (1) by means of liquid and air, a suitably mainly horizontal ejector (10) is located under the tank. The ejector (10) has a side inlet (11) for granulate, an end (12) with an inlet (13) suitably formed as a spray nozzle for pressurized transport liquid, and a second end (15) with an inlet (16) for pressurized gas and downstream from there an outlet (18) shaped as a spray nozzle for a three-phase flow of liquid, granulate, and gas. A mainly vertical first conduit (6) has its lower end connected with the outlet (18) of the ejector for further transport upwards of the three-phase flow with expansion of the air and acceleration of the granulate and liquid. The ejector (10) comprises a replaceable tubular ejector housing (21) that is provided with an internal wear liner (22) and an outlet (18) that is shaped as a spray nozzle consisting of a durable material and is also replaceable. The inlet (10) for pressurized gas preferably comprises a ring-shaped chamber (19) that surrounds the periphery of tubular ejector (10) and is connected with the inside of the ejector (10) through a ring-shaped slit (20) that directs the pressurized gas towards the outlet (18) of the ejector.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8450/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : ANTIMICROBIAL POLYMERS AND COATINGS

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(51) International classification	:C08F8/20, C08F220/34, C08F226/02
(31) Priority Document No	:61/133,164
(32) Priority Date	:26/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US09/048023 :19/06/2009
(87) International Publication No	:WO 2009/158285 A3
(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)THE UNIVERSITY OF SOUTH DAKOTA

Address of Applicant :414 EAST CLARK STREET,  
VERMILLION, SD 57069 U.S.A.

(72)Name of Inventor :

1)SUN, YUYU

2)CAO, ZHENG BING

(57) Abstract :

Biocidal compounds have been synthesized and tested. These biocidal compounds have broad-spectrum efficacy and their biocidal properties are easily renewable. Illustrative examples of these biocidal compounds include N-halamine monomers and polymers and silver sulfadiazine polymers. These compounds can be used to add biocidal function to various materials and articles.

No. of Pages : 72 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8452/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AN IMPROVED ELECTRICAL PROCESS INTERFACE DEVICE

(51) International classification	:G05B19/418, H02J13/00
(31) Priority Document No	:08158974.9
(32) Priority Date	:25/06/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP09/057981 :25/06/2009
(87) International Publication No	:WO 2009/156478 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB RESEARCH LTD.

Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050  
ZURICH Switzerland

(72)Name of Inventor :

1)BALGARD, LENNART

2)LANDERNAS, KRISTER

3)GENTZELL, TOBIAS

(57) Abstract :

The invention concerns an electrical process interface device for provision in a low control and protection level of a Substation Automation or Distribution Automation system. The device (16) includes a process interface unit (26) for interfacing the electrical process at the low control and protection level, which unit has a number of parallel data connections on which I/O data related to control and protective devices on higher control and protection levels may be transmitted. The device (16) also includes a signal conversion unit (24) connected to the data connections, which unit packets data of the data connections according to a communication standard used by control and protective devices on the at least one higher control and protection level for allowing data to be directly transmitted between the electrical interface device (16) on the low control and protection level and other devices on higher control and protection levels. Fig. 2

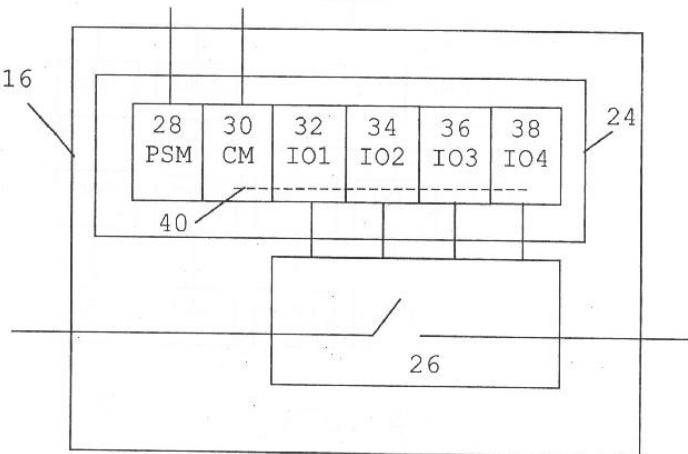


FIG. 2

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8378/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : BIODIESEL ADDITIVE

(51) International classification	:C10L1/14, C10L10/14	(71) <b>Name of Applicant :</b> <b>1)MEAT &amp; LIVESTOCK AUSTRALIA LIMITED</b> Address of Applicant :LEVEL 1, 165 WALKER STREET, NORTH SYDNEY, NSW 2060 Australia
(31) Priority Document No	:2008902610	(72) <b>Name of Inventor :</b>
(32) Priority Date	:26/05/2008	<b>1)WESTLAKE, ANDREW</b>
(33) Name of priority country	:Australia	<b>2)MCGLASHAN, STEWART</b>
(86) International Application No Filing Date	:PCT/AU2009/000657 :26/05/2009	<b>3)CLARKE, STEPHAN</b>
(87) International Publication No	:WO 2009/143566 A1	<b>4)FISHER, MARK</b>
(61) Patent of Addition to Application Number	:NA	<b>5)PILLAR, RACHEL</b>
Filing Date	:NA	<b>6)CONSTANTOPOULOS, KRISTINA</b>
(62) Divisional to Application Number	:NA	<b>7)MATHEW, SIMON</b>
Filing Date	:NA	<b>8)MARKOVIC, ELDA</b>
		<b>9)PAPADOPoulos, ELENI</b>
		<b>10)CLARKE, DAVID JOHN</b>
		<b>11)NGUYEN, KIM ANH-THI</b>

(57) Abstract :

The invention provides an additive for lowering the minimum usable temperature of a biodiesel fuel or a diesel/biodiesel blend. The additive comprises at least one saccharide ester and a polymer having a comb structure. In some instances there is only one saccharide ester present. In this case the saccharide ester comprises at least one saturated ester group and at least one unsaturated ester group. In other instances there is more than one saccharide ester is present. In these cases the additive comprises a first saccharide ester comprising at least one saturated ester group and a second saccharide ester comprising at least one unsaturated ester group.

No. of Pages : 48 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2010

(21) Application No.8379/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : OPTICAL MODULATOR FOR HIGHER-ORDER MODULATION

(51) International classification	:G02F1/21, G02B6/12	(71) <b>Name of Applicant :</b> <b>1)ALCATEL-LUCENT USA INC.</b> Address of Applicant :600-700 MOUNTAIN AVENUE, MURRAY HILL, NEW JERSEY 07974-0636 U.S.A.
(31) Priority Document No	:12/164,519	
(32) Priority Date	:30/06/2008	
(33) Name of priority country	:U.S.A.	(72) <b>Name of Inventor :</b>
(86) International Application No Filing Date	:PCT/US2009/003846 :29/06/2009	<b>1)PETER J. WINZER</b>
(87) International Publication No	:WO 2010/005500 A2	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA	

(57) Abstract :

According to one embodiment of the invention, a 16-QAM optical modulator has a Mach-Zehnder modulator (MZM) coupled to a drive circuit that drives the MZM based on two electrical binary signals. The output of the MZM corresponds to an intermediary constellation consisting of four constellation points arranged on a straight line in the corresponding in-phase/quadrature-phase (I-Q) plane. Two of these constellation points correspond to a zero phase, and the remaining two constellation points correspond to a phase of 71 radian. The 16-QAM optical modulator further has a phase shifter that modulates the output of the MZM based on two additional electrical binary signals. The resulting optical output signal corresponds to a star 16-QAM constellation, which is produced by incremental rotation of the intermediary constellation.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8460/CHENP/2010 A

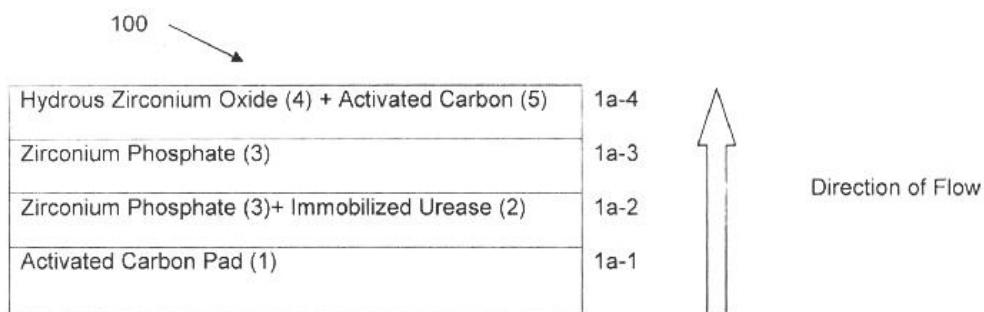
(43) Publication Date : 26/08/2011

(54) Title of the invention : A SORBENT FOR A DIALYSIS DEVICE

(51) International classification	:A61M1/28, B01D15/04, B01J20/22	(71)Name of Applicant : <b>1)TEMASEK POLYTECHNIC</b> Address of Applicant :21 TAMPINES AVENUE 1, SINGAPORE, 529757
(31) Priority Document No	:61/074,997	(72)Name of Inventor :
(32) Priority Date	:23/06/2008	<b>1)BLUCHEL, CHRISTIAN GERT</b>
(33) Name of priority country	:U.S.A.	<b>2)WANG, YANMEI</b>
(86) International Application No Filing Date	:PCT/SG2009/000229 :22/06/2009	<b>3)TAN, KIM CHENG</b>
(87) International Publication No	:WO 2009/157877 A1	
(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 sorbent for removing metabolic waste products from a dialysis liquid, the sorbent comprising a layer of immobilized uremic toxin-treating enzyme particles intermixed with cation exchange particles.



**Fig. 1a.**

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8462/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PROVIDING MULTIPLE DEGREES OF CONTEXT FOR CONTENT CONSUMED ON COMPUTERS AND MEDIA PLAYERS

(51) International classification	:G11B20/10, G11B27/10
(31) Priority Document No	:12/164,597
(32) Priority Date	:30/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/048986 :28/06/2009
(87) International Publication No	:WO 2010/002750 A3
(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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REDMOND, WA 98052-6399 U.S.A.

(72)**Name of Inventor :**

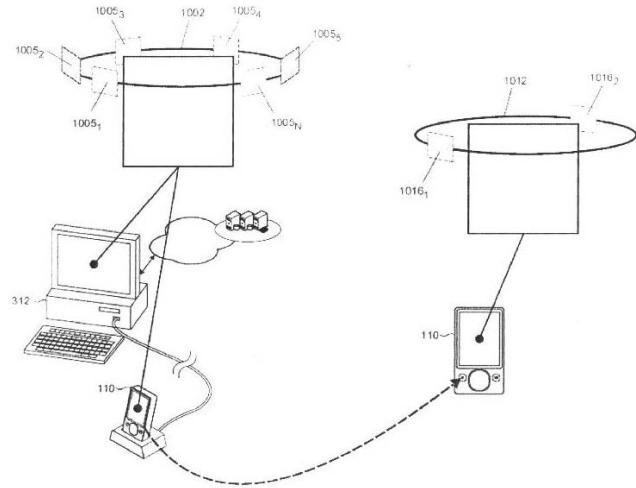
**1)FONG, JEFFREY, C.**

**2)ANDREWS, ANTON, O.**

(57) Abstract :

Multiple degrees of context for media content that is consumable on computing platforms including PCs (312) and personal media players (110) is provided by logically organizing context objects (502) into halos (505) that surround each piece of consumable content (508). The context objects (502) represent information and experiences that are contextually associated with media content to enable users to easily discover content and experiences that they will find interesting in a rich and personal manner. As a user navigates from a content item (508) to a context object (502) in the halo (505), the context object (502) itself morphs into content that is then surrounded by a new halo of context objects to which the user may navigate. The organization of media content and information into halos (505) enables an effective contextual paradigm that cuts across strict hierarchical structures to allow the user experience to be much more seamless and free-flowing. FIG. 10

FIG. 10



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8453/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : TORQUE SUPPORT FOR A CONVERTER TILTING DEVICE

(51) International classification	:C21C5/50, F16F15/023, A16M7/00
(31) Priority Document No	:102008030192.2
(32) Priority Date	:25/06/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/DE09/000664 :08/05/2009
(87) International Publication No	:WO 2009/155892 A3
(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)SMS SIEMAG AKTIENGESELLSCHAFT

Address of Applicant :EDUARD-SCHLOEMANN-STRASSE  
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(72)Name of Inventor :

1)HERTEL, JORG

2)WALLMEROOTH, BENJAMIN

3)ROSE, LUTZ

4)SUNDERMANN, CHRISTOPH

5)SCHULZE, STEPHAN

6)IMIELA, CHRISTIAN

7)IGELHORST, WOLFGANG

8)THIEDEMANN, UWE

(57) Abstract :

1. Torque support 2.1. The invention is directed to a torque support for a converter tilting drive mounted on a shaft journal, wherein supports are provided at the gear unit housing (1) receiving the shaft journal to be driven for support on the structure (6) carrying the converter. 2.2. For this purpose, the supports are each constructed as double-acting hydraulic piston-cylinder units (5), each of which is anchored independently at the structure (6) in an articulated manner.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8454/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : OVERMOLDED CONTAINER HAVING A FORM LAYER

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(51) International classification	:B65D6/28
(31) Priority Document No	:12/144,885
(32) Priority Date	:24/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/048436
Filing Date	:24/06/2009
(87) International Publication No	:WO 2009/158397 A1
(61) Patent of Addition to Application Number	:NA :NA
Filing Date	
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)Name of Applicant :

1)PLASTIC TECHNOLOGIES, INC.

Address of Applicant :1440 TIMBERWOLF DRIVE,  
HOLLAND, OH 43528-0964 U.S.A.

(72)Name of Inventor :

1)SEMERSKY, FRANK, E.

2)VOYLES, WILLIAM, D.

(57) Abstract :

An overmolded preform and a container blow molded from the same are disclosed, wherein the overmolded preform and the overmolded container include an outer foamed layer.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8456/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DECOUPLING ELEMENT FOR A FUEL INJECTION DEVICE

(51) International classification	:F02M61/14, F02M61/16, F02M63/00	(71) <b>Name of Applicant :</b> <b>1)ROBERT BOSCH GMBH</b> Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART Germany
(31) Priority Document No	:10 2008 002 654.9	(72) <b>Name of Inventor :</b>
(32) Priority Date	:26/06/2008	<b>1)FISCHER, MICHAEL</b>
(33) Name of priority country	:Germany	<b>2)MOSER, FRIEDRICH</b>
(86) International Application No	:PCT/EP09/055141	<b>3)FRIEDRICH, MARKUS</b>
Filing Date	:28/04/2009	
(87) International Publication No	:WO 2009/156219 A1	
(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 decoupling element for a fuel injection device, said decoupling element being characterized in that a low-noise design is realized. The fuel injection device comprises at least one fuel injection valve (1) and a receiving bore (20) in a cylinder head (9) for the fuel injection valve (1) and also the decoupling element (240) between a valve housing (22) of the fuel injection valve (1) and a wall of the receiving bore (20). The decoupling element (240), as a lens-shaped spring element, has a nonlinear, progressive spring characteristic, whereby the decoupling element (240) has a low stiffness in idle operation and the decoupling element (240) has a high stiffness at nominal system pressure. The fuel injection device is especially suitable for direct injection of fuel into a combustion chamber of a mixture-compressing, spark-ignited internal combustion engine.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8457/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A PROCESS OF PURIFYING COAGULATION FACTOR VIII

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(51) International classification

:C07K14/755

(31) Priority Document No

:08158893.1

(32) Priority Date

:24/06/2008

(33) Name of priority country

:EPO

(86) International Application No

:PCT/EP09/057883

Filing Date

:24/06/2009

(87) International Publication No

:WO 2009/156430

A1

(61) Patent of Addition to Application Number:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

(71)Name of Applicant :

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**1)BORGVALL, CARIN**

**2)ERICSSON, ULRINKA**

**3)GILLJAM, GUSTAV**

**4)JERNBERG, MATS**

**5)WINGE, STEFAN**

---

(57) Abstract :

A process of purifying or enriching coagulation FVIII employing chromatography comprising the steps of providing a fraction containing FVIII in an aqueous solution having a high ionic strength; contacting the fraction containing FVIII with a multimodal resin; optionally washing the multimodal resin having FVIII adsorbed with an aqueous washing buffer; eluting FVIII containing fractions by an aqueous elution buffer comprising at least one amino acid which is positively charged at pH 6 to 8; and optionally collecting FVIII containing fractions in purified or enriched form.

No. of Pages : 56 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8458/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : REVERSIBLE VARIABLE TRANSMISSION - RVT

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(51) International classification	:F16H15/38
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/057009
Filing Date	:05/06/2008
(87) International Publication No	:WO 2009/146748
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)Name of Applicant :

**1)MAZARO NV**

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DESTELBERGEN Belgium

(72)Name of Inventor :

**1)DE MAZIERE, FILIP**

(57) Abstract :

The invention provides a new type of reversible variable transmission for vehicles such as cars, busses, trucks, off-road vehicles, lift trucks, telescopic boom handlers and the like. Alternatively, the gearbox can be used in systems such as windmills etc. and other industrial applications that require power to be transferred at variable speeds.

No. of Pages : 55 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8424/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD AND SYSTEM FOR DYNAMICALLY CONTROLLING FLASH COMPONENT

(51) International classification	:G06F9/44
(31) Priority Document No	:200810127613.6
(32) Priority Date	:30/06/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN09/072294
Filing Date	:16/06/2009
(87) International Publication No	:WO 2010/000175 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)FENG, CHAO**

(57) Abstract :

Embodiments of the present invention provide a method for dynamically controlling a Flash component, including: sending, by a client terminal, a web page request to a server, requesting for loading a web page; adding, by the server, the Flash component in the web page, adding dynamic data used for controlling the Flash component in the web page, loading the web page comprising the Flash component and dynamic data into the client terminal; opening, by the client terminal, the web page and loading the Flash component in the web page, extracting the dynamic data from the web page, and controlling the Flash component according to the dynamic data. Embodiments of the present invention further provide a system for dynamically controlling a Flash component. With the method and system for dynamically controlling the Flash component, the step for separately requesting the dynamic data is omitted. Thus, the requests sent to the server are dramatically reduced, the problem that the pressure of the server is big in the peak time is solved, and the initialization time of the Flash component is shorten.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8426/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : DISPLAY APPARATUS AND MANUFACTURING METHOD THEREFOR, AND ACTIVE MATRIX SUBSTRATE

(51) International classification	:G09F9/30, G02F1/13, G02F1/1345	(71) <b>Name of Applicant :</b> <b>1)SHARP KABUSHIKI KAISHA</b> Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(31) Priority Document No	:2008-211625	(72) <b>Name of Inventor :</b>
(32) Priority Date	:20/08/2008	<b>1)OZEKI, TADATOSHI</b>
(33) Name of priority country	:Japan	<b>2)YAMADA, TAKAHARU</b>
(86) International Application No	:PCT/JP09/003094	<b>3)YOSHIDA, MASAHIRO</b>
Filing Date	:03/07/2009	<b>4)MITSUMOTO, KAZUYORI</b>
(87) International Publication No	:WO 2010/021075 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A display panel includes a plurality of display lines provided in each of blocks and extending in parallel with each other, a plurality of drive circuits provided outside a display region and connected to the display lines in the respective blocks, a plurality of first lines provided outside the display region and intersecting end portions closer to the drive circuits of the display lines in the respective blocks, the first lines being insulated from the display lines, and a second line provided outside the display region and intersecting end portions farther from the drive circuits of the display lines of all the blocks, the second line being insulated from the display lines. The second line is configured to intersect the first lines while being insulated from the first lines, and be supplied with a display signal from each of the drive circuits via an amplifier circuit.

No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8427/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SAFETY COUPLING FOR THE TRANSMISSION OF ROTARY MOTION

(51) International classification	:F16D7/04
(31) Priority Document No	:AT2008A000003
(32) Priority Date	:30/05/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB09/052298
Filing Date	:01/06/2009
(87) International Publication No	:WO 2009/144686
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MAINA ORGANI DI TRASMISSIONE S.P.A.

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I-10123 TORINO Italy

(72)Name of Inventor :

1)PADOVAN, CESARE

(57) Abstract :

The safety coupling includes a driving part (10) and a driven part (12) able to rotate around the same rotation axis (X) and respectively provided with first torque transmission means (14, 24) and with second torque transmission means (30, 36, 40, 52, 60, 62) having front toothings (24, 40, 60, 62) normally meshing with each other for the transmission of torque between the two parts of the coupling (10, 12). The safety coupling also includes torque- sensitive opening means (66, 72, 110) arranged to disengage the front toothings (24, 40, 60, 62) of the first (14, 24) and second (30, 36, 40, 52, 60, 62) torque transmission means, thus interrupting the torque transmission, when the torque transmitted between the two parts of the coupling (10, 12) exceeds a given maximum value. The torque-sensitive opening means (66, 72, 110) include a pressure chamber (66) filled with incompressible fluid and valve means (110) suitable for allowing the discharge of the fluid from the pressure chamber (66) once a given maximum fluid pressure value (p1) has been exceeded in the pressure chamber (66). The pressure of the fluid in the pressure chamber (66) exerts a force on the front toothings (24, 40, 60, 62) of the first (14, 24) and second (30, 36, 40, 52, 60, 62) torque transmission means tending to keep the front toothings meshing for the transmission of the torque between the two parts of the coupling (10, 12), and the torque transmitted between the two parts of the coupling (10, 12) through the front toothings (24, 40, 60, 62) of the first (14, 24) and second (30, 36, 40, 52, 60, 62) torque transmission means produces an increase in the pressure of the fluid in the pressure chamber (66) proportional to the torque transmitted, in such a way that the maximum torque value is linked to the maximum pressure value (Pt).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8429/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : GAS INSULATED SWITCHGEAR

(51) International classification	:H01H33/22, H01H33/56, H01H33/57	(71)Name of Applicant : <b>1)KABUSHIKI KAISHA TOSHIBA</b> Address of Applicant :1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO Japan
(31) Priority Document No	:2008-140413	(72)Name of Inventor :
(32) Priority Date	:29/05/2008	<b>1)UCHII, TOSHIYUKI</b> <b>2)HIRANO, YOSHIHIKO</b> <b>3)HOSHINA, YOSHIKAZU</b>
(33) Name of priority country	:Japan	
(86) International Application No Filing Date	:PCT/JP09/002280 :25/05/2009	
(87) International Publication No	:WO 2009/144907 A1	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a gas insulated switchgear constituted such that electrical contacts are placed inside a sealed vessel (1) filled with an arc extinguishing gas, and when electrical current passes, the electrical contacts are held in contact and pass electricity, and when the current is interrupted, the electrical contacts are separated and an arc discharge is produced in the arc extinguishing gas, and the current is interrupted by extinguishing this arc (8). The arc extinguishing gas is a mixed gas, the main constituents of which are N2 gas and CH4 gas, and the CH4 content is at least 30 %. Alternatively, the arc extinguishing gas is a mixed gas, the main constituents of which are CO2 gas and CH4 gas, and the CH4 content is at least 5 %.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8430/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : METHOD AND APPARATUS FOR IDENTIFYING DIETARY CHOICES

(51) International classification	:G09B19/00
(31) Priority Document No	:61/056,538
(32) Priority Date	:28/05/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/045509
Filing Date	:28/05/2009
(87) International Publication No	:WO 2009/155065 A9
(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)ABRAHAM, TODD, KEVIN**
- 3)EBERHARDT, KEITH, RANDALL**
- 4)LETCHER, LINDA, LEE**
- 5)MORREALE, SANDRA, JEAN**
- 6)SANOV, ARLENE, OLEA**
- 7)YEHLING, BARBARA ANN**
- 8)RUBIN, KRISTIN, H.**
- 9)MATUSHESKI, NATHAN, V.**

**(57) Abstract :**

A method is provided for assigning a relative score number to foods. Assignment of a relative score number to foods allows consumers to select foods that will provide a desirable diet. Equations are provided which are effective to yield a predicted raw score based on measured characteristics. The predicted raw score statistically correlates to a raw score that would be determined by an actual panel. The predicted raw scores are further processed to provide a relative score number that can be easily tracked by a consumer.

No. of Pages : 68 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8431/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PROVIDING BACKPRESSURE FLOW CONTROL TO SPECIFIC TRAFFIC FLOWS

---

(51) International classification	:H04L12/56
(31) Priority Document No	:12/147,137
(32) Priority Date	:26/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB09/053241
Filing Date	:18/06/2009
(87) International Publication No	:WO 2009/156974 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

---

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

**1)PIKE, DION**

**2)MEGARITY, MARK**

(57) Abstract :

A method and apparatus for providing backpressure flow control to traffic flows of a data communications system are provided. Embodiments of the invention selectively apply a measure of flow control to traffic flows responsive to a level of congestion at a packet processor of the system. These embodiments advantageously provide flexibility in the application of flow control to specific traffic flows in accordance with one or more of characteristics of those traffic flows.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8433/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PHASE SHIFTER

(51) International classification	:H01Q3/30
(31) Priority Document No	:10-2008-0061213
(32) Priority Date	:26/06/2008
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR09/003241
Filing Date	:17/06/2009
(87) International Publication No	:WO 2009/157670 A2
(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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NAMDONG-GU, INCHEON-SI, 405-849 Republic of Korea

(72)Name of Inventor :

**1)JUNG, MIN-SEOK**

**2)KIM, BYUNG-HO**

---

(57) Abstract :

A phase shifter, more particularly relates to a phase shifter for controlling phase velocity by using stubs is disclosed. The phase shifter includes a first line configured to deliver a power into corresponding radiation elements, the first line being a conductor, and a second line configured to deliver the power into corresponding radiation elements, the second line being a conductor. Here, a first phase velocity of a first signal propagated through the first line is different from a second phase velocity of a second signal propagated through the second line.

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8436/CHENP/2010 A

(43) Publication Date : 26/08/2011

---

(54) Title of the invention : METHOD AND COOLER FOR COOLING HOT PARTICULATE MATERIAL

(51) International classification	:F27D15/02, F27B7/38, C04B7/47	(71) <b>Name of Applicant :</b> <b>1)FLSMIDTH A/S</b> Address of Applicant :VIGERSLEV ALLE 77, DK-2500 VALBY Denmark
(31) Priority Document No	:PA 200800879	(72) <b>Name of Inventor :</b>
(32) Priority Date	:26/06/2008	<b>1)FLAVIO TOKMAN, ALEXANDER</b>
(33) Name of priority country	:Denmark	
(86) International Application No	:PCT/EP09/055887	
Filing Date	:15/05/2009	
(87) International Publication No	:WO 2009/156227 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A description is provided of a method as well as a cooler (1) for cooling hot particulate material which has been subjected to heat treatment in an industrial kiln, such as a rotary kiln (3) for manufacturing cement clinker whereby the hot material from the kiln (3) is directed onto a grate (21) in a cooler (1) where cooling gases via at least one cooling gas duct (28) are directed through slots (20) in the grate for cooling the hot material and where compressed air can be injected into the material on the grate (21). The method as well as the cooler is characterized in that compressed air is injected into the cooling gas duct (28). It is hereby obtained that the compressed air which is injected into the cooling gas duct (28) will operate as a non-return valve which will ensure that compressed air is injected into the material on the grate (21). This is due to the fact that the mass flow inertia and the dynamic pressure of the compressed air being injected into the cooling gas duct (28) will prevent a backflow of the compressed air into the cooling gas duct (28). The blanking-off of the cooling gas duct (28) thus achieved will further prevent clinker dust from falling through the cooling gas duct.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8437/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A NACELLE TRAVELLING CRANE

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(51) International classification	:B66C17/00, F03D1/00
(31) Priority Document No	:PA200800889
(32) Priority Date	:27/06/2008
(33) Name of priority country	:Denmark
(86) International Application No Filing Date	:PCT/DK09/050146 :26/06/2009
(87) International Publication No	:WO 2009/155934 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KAPPEL, LARS VINOTHER

2)CHRISTENSEN, MICHAEL

---

(57) Abstract :

The present Invention relates to an overhead travelling crane for a nacelle of a wind turbine, said travelling crane comprising at least a first suspension beam; a second suspension beam, said suspension beams being arranged with a space between them; a cross beam, said cross beam being movably connected to said first and second suspension beams so that the cross beam can be moved along the suspension beams; and at least one lifting device, said lifting device being movably connected to the cross beam. Said first and second suspension beams are parts of concentric circles, said concentric circles sharing the same centre and having different radii.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8438/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : SELF-ASSEMBLING MULTICELLULAR BODIES AND METHODS OF PRODUCING A THREE-DIMENSIONAL BIOLOGICAL STRUCTURE USING THE SAME

(51) International classification	:C12M3/00, G01N33/00	(71) <b>Name of Applicant :</b> <b>1)THE CURATORS OF THE UNIVERSITY OF MISSOURI</b> Address of Applicant :316 UNIVERSITY HALL, COLUMBIA, MO 65211 U.S.A.
(31) Priority Document No	:61/132,977	
(32) Priority Date	:24/06/2008	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US09/048530	(72) <b>Name of Inventor :</b>
Filing Date	:24/06/2009	<b>1)FORGACS, GABOR</b>
(87) International Publication No	:WO 2010/008905 A2	<b>2)MARGA, FRANCOISE, SUZANNE</b>
(61) Patent of Addition to Application Number	:NA	<b>3)NOROTTE, CYRILLE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Structures and methods for tissue engineering include a multicellular body including a plurality of living cells. A plurality of multicellular bodies can be arranged in a pattern and allowed to fuse to form an engineered tissue. The arrangement can include filler bodies including a biocompatible material that resists migration and ingrowth of cells from the multicellular bodies and that is resistant to adherence of cells to it. Three-dimensional constructs can be assembled by printing or otherwise stacking the multicellular bodies and filler bodies such that there is direct contact between adjoining multicellular bodies, suitably along a contact area that has a substantial length. The direct contact between the multicellular bodies promotes efficient and reliable friction. The increased contact area between adjoining multicellular bodies also promotes efficient and reliable friction. Methods of producing multicellular bodies having characteristics that facilitate assembly of the three-dimensional constructs are also provided.

No. of Pages : 82 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/12/2010

(21) Application No.8439/CHENP/2010 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF ANTIBODIES FOR DISEASES CAUSED BY VIRUSES

(51) International classification	:C07K16/28	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:08447031.9	<b>1)THERANOR SPRL</b>
(32) Priority Date	:27/06/2008	Address of Applicant :CUL DU BIEF 166, B-4870 TROOZ
(33) Name of priority country	:EPO	Belgium
(86) International Application No	:PCT/BE09/000035	(72) <b>Name of Inventor :</b>
Filing Date	:26/06/2009	<b>1)THIRY, MICHEL</b>
(87) International Publication No	:WO 2009/155670	<b>2)MARTYUSHEV-POKLAD, ANDREY</b>
	A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pharmaceutical composition for prevention or treatment of viral infections comprising a formulation of full antibodies or fragments of antibodies specific to at least one of the following peptide sequences of toll-like receptor type 3: FYWNVSVHRVLGFKE, EYAAIYIIHAYKD, or to peptide sequence of interferon gamma receptor beta chain: LKYWFHTPPSJPLQJEEYL, or to peptide sequence of interferon gamma receptor alpha chain: SJJLPKSLJSW.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7562/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : SCHEDULER INSTANCES IN A PROCESS

(51) International classification	:G06F9/06, G06F9/50, G06F9/38
(31) Priority Document No	:12/131,135
(32) Priority Date	:02/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/042609 :01/05/2009
(87) International Publication No	:WO 2009/148738 A3
(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)RINGSETH, PAUL
- 2)FERNANDES, GENEVIEVE
- 3)GUSTAFSSON, NIKLAS
- 4)MOLLOY, RICK
- 5)PATIL, RAHUL
- 6)LUCIDO, PHILIP

(57) Abstract :

A runtime environment of a computer system is provided that creates first and second scheduler instances in a process. Each scheduler instance includes allocated processing resources and is assigned a set of tasks for execution. Each scheduler instance schedules tasks for execution using the allocated processing resources to perform the work of the process. FIG.1

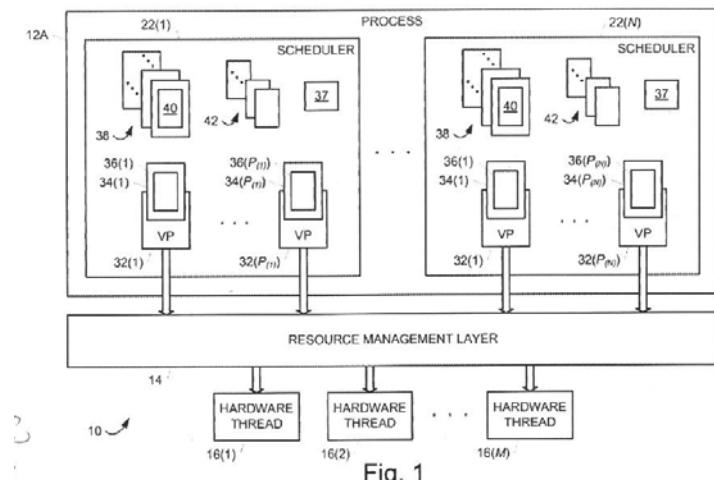


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7563/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : REGAINING CONTROL OF A PROCESSING RESOURCE THAT EXECUTES AN EXTERNAL EXECUTION CONTEXT

(51) International classification	:G06F9/06, G06F9/44, G06F9/46
(31) Priority Document No	:12/131,127
(32) Priority Date	:02/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/042612 :01/05/2009
(87) International Publication No	:WO 2009/148739 A3
(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)RINGSETH, PAUL**

**2)FERNANDES, GENEVIEVE**

(57) Abstract :

A scheduler in a process of a computer system allows an external execution context to execute on a processing resource allocated to the scheduler. The scheduler provides control of the processing resource to the external execution context. The scheduler registers for a notification of an exit event associated with the external execution context. In response to receiving the notification that the exit event has occurred, the scheduler regains control of the processing resource and causes a task associated with an execution context controlled by the scheduler to be executed by the processing resource. FIG.3

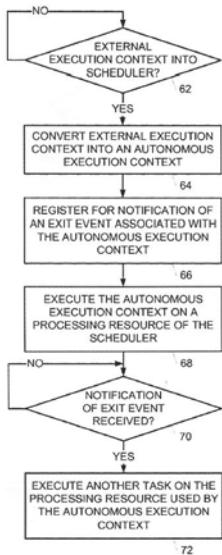


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7564/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : BLOCKING AND BOUNDING WRAPPER FOR THREAD-SAFE DATA COLLECTIONS

(51) International classification	:G06F9/44, G06F15/16, G06F9/06
(31) Priority Document No	:12/131,123
(32) Priority Date	:02/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/042615 :01/05/2009
(87) International Publication No	:WO 2009/148740 A3
(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)MICROSOFT CORPORATION

Address of Applicant :ONE MICROSOFT WAY,  
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(72)Name of Inventor :

1)TOUB, STEPHEN

2)DUFFY, JOE

3)EL BAGHADY, SAMER

4)ALI, EMAD

5)OSTROVSKY, IGOR

(57) Abstract :

A membership interface provides procedure headings to add and remove elements of a data collection, without specifying the organizational structure of the data collection. A membership implementation associated with the membership interface provides thread-safe operations to implement the interface procedures. A blocking-bounding wrapper on the membership implementation provides blocking and bounding support separately from the thread-safety mechanism.

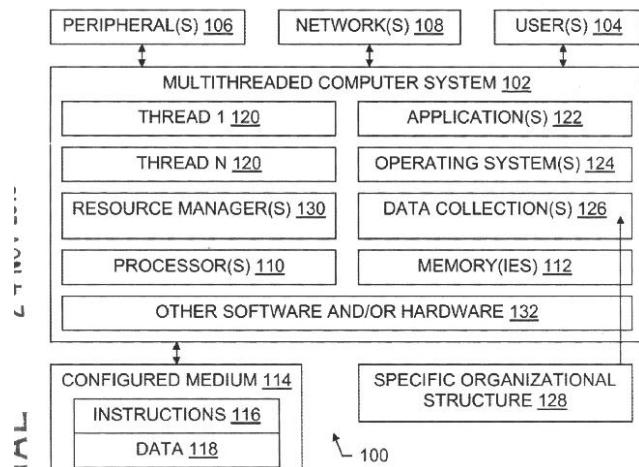


Fig. 1

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7565/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : CONFIGURABLE PARTITIONING FOR PARALLEL DATA

(51) International classification	:G06F9/44, G06F15/16, G06F9/06
(31) Priority Document No	:12/132,613
(32) Priority Date	:04/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/042619 :01/05/2009
(87) International Publication No	:WO 2009/148741 A1
(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)DUFFY, JOE

2)OSTROVSKY, IGOR

3)YILDIZ, HUSEYIN

4)TOUB, STEPHEN

(57) Abstract :

A data partitioning interface provides procedure headings to create data partitions for processing data elements in parallel, and for obtaining data elements to process, without specifying the organizational structure of a data partitioning. A data partitioning implementation associated with the data partitioning interface provides operations to implement the interface procedures, and may also provide dynamic partitioning to facilitate load balancing.

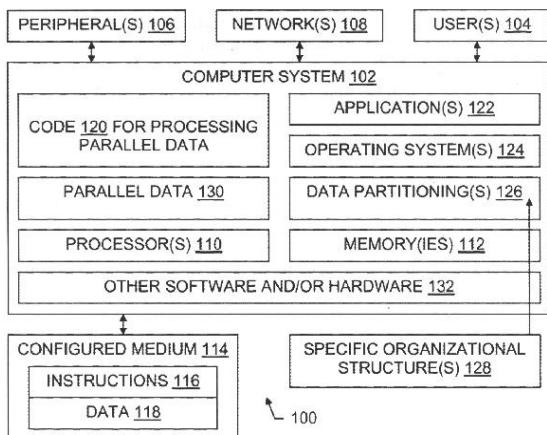


Fig. 1

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7566/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : TRANSLATING DRM SYSTEM REQUIREMENTS

(51) International classification	:G06F21/00, G06F21/24	(71) <b>Name of Applicant :</b> <b>1)MICROSOFT CORPORATION</b> Address of Applicant :ONE MICROSOFT WAY, REDMOND, WA 98052-6399. U.S.A.
(31) Priority Document No	:12/133,354	(72) <b>Name of Inventor :</b>
(32) Priority Date	:04/06/2008	<b>1)DUBHASHI, KEDARNATH A</b>
(33) Name of priority country	:U.S.A.	<b>2)BARDE, SUMEDH N</b>
(86) International Application No	:PCT/US2009/045670	<b>3)FARAG, HANY</b>
Filing Date	:29/05/2009	
(87) International Publication No	:WO 2009/148957 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various embodiments provide a mapping layer to translate DRM system requirements from one DRM system, such as a source system, to another DRM system, such as a target system. In at least some embodiments, DRM system requirement translation is performed using a signed data structure that maps DRM system requirements from one DRM system one or more other DRM systems. By mapping DRM system requirements from one System to another, licenses associated with DRM-protected content and associated content can be safely transferred between systems.

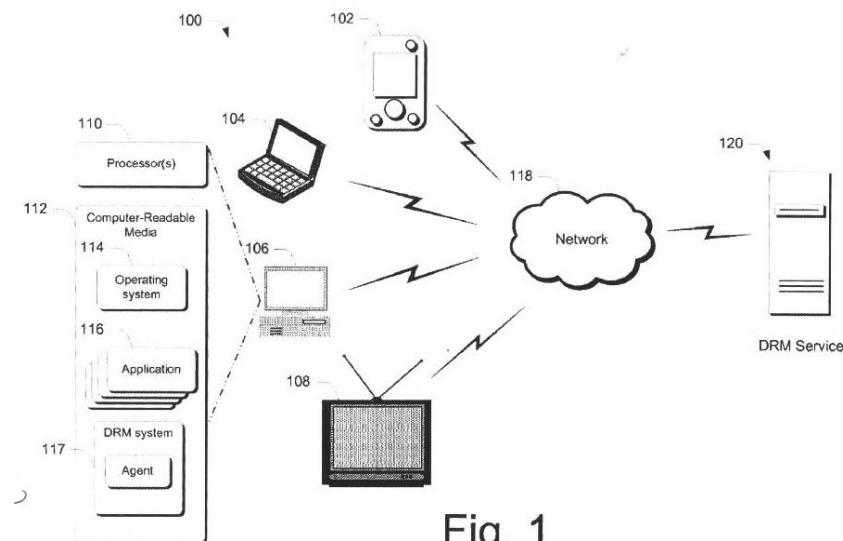


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7567/CHENP/2010 A

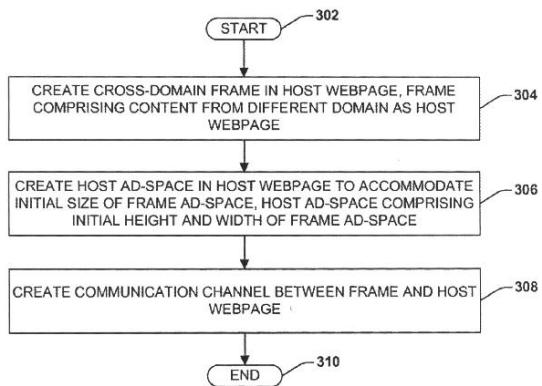
(43) Publication Date : 26/08/2011

(54) Title of the invention : ONLINE AD SERVING

(51) International classification	:G06Q30/00, G06Q50/00	(71)Name of Applicant :
(31) Priority Document No	:61/058,213	1)MICROSOFT CORPORATION
(32) Priority Date	:03/06/2008	Address of Applicant :ONE MICROSOFT WAY, REDMOND, WA 98052-6399. U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/US2009/045765 :30/05/2009	1)FAN, XIAOFENG 2)WANG, HELEN, J 3)DUNAGAN, JOHN, D 4)MALIK, MANSOOR, A 5)BATHEJA, RAJESH, S
(87) International Publication No	:WO 2009/148981 A3	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Online ad hosting (e.g., hosting ads from one domain on a webpage from a different domain) is accomplished using a cross-domain frame (e.g., an inline frame (IFrame)), a secure inter-frame communications channel, and a source code interface (e.g., a set of application program interfaces (APIs)). That is, a cross-domain IFrame may be created in a host webpage, which can isolate an ad from the host webpage. An inter-frame communications channel may be utilized to communicate between the contents of the cross-domain frame and the host webpage. Further, a source code interface may be used to communicate a hosts preferences for an ads parameters and restrictions. FIG.3



**FIG. 3**

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7568/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : ADAPTIVE QUANTIZATION FOR ENHANCEMENT LAYER VIDEO CODING

(51) International classification	:H04N7/24
(31) Priority Document No	:12/156,864
(32) Priority Date	:03/06/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/045659
Filing Date	:29/05/2009
(87) International Publication No	:WO 2009/158113 A3
(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 MICROSOFT WAY,  
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(72)Name of Inventor :

1)REGUNATHAN, SHANKAR

2)SUN, SHIJUN

3)TU, CHENGJIE

4)LIN, CHIH-LUNG

(57) Abstract :

Techniques and tools for encoding enhancement layer video with quantization that varies spatially and/or between color channels are presented, along with corresponding decoding techniques and tools. For example, an encoding tool determines whether quantization varies spatially over a picture, and the tool also determines whether quantization varies between color channels in the picture. The tool signals quantization parameters to macroblocks in the picture in an encoded bit stream. In some implementations, to signal the quantization parameters, the tool predicts the quantization parameters, and the quantization parameters are signaled with reference to the predicted quantization parameters. A decoding tool receives the encoded bit stream, predicts the quantization parameters, and uses the signaled information to determine the quantization parameters to the macroblocks of the enhancement layer video. The decoding tool performs inverse quantization that can vary spatially and/or between color channels.

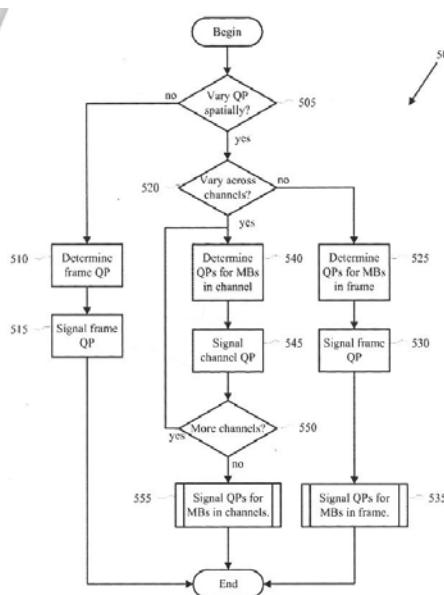


Figure 5

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/11/2010

(21) Application No.7569/CHENP/2010 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR MONITORING EVENTS IN A COMMUNICATION NETWORK

(51) International classification	:HO4L12/24, HO4L29/08
(31) Priority Document No	:08425465.5
(32) Priority Date	:04/07/2008
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2009/058140 :30/06/2009
(87) International Publication No	:WO 2010/000710 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number Filing Date	:NA

(71)Name of Applicant :

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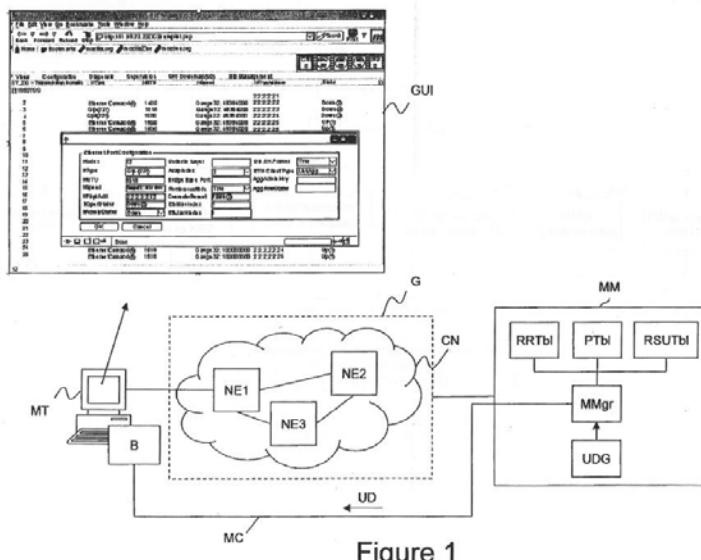
1)PASQUALE DONADIO

2)ANDREA PAPARELLA

3)ROBERTO RIGLIETTI

(57) Abstract :

There is described a method for monitoring at a management terminal events of a given type occurring in a communication network. The communication network comprises a plurality of network elements. The management terminal has a browser suitable for supporting a web like management graphic interface. The method comprises: at one of the network elements, providing a monitoring module; at the management terminal, transmitting to the monitoring module a request for monitoring the events of the given type, the request including an access token suitable for obtaining authorization to access a monitoring channel between the monitoring module and the management terminal; at the monitoring module: listening for possible management information relative to the events, each time the management information are received, processing it to generate updating data, using the access token for accessing the monitoring channel and transmitting the updating data to the management terminal through the monitoring channel. (Fig. 1)



No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1620/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR INFORMING USER EQUIPMENT OF DOWNLINK CONTROL MESSAGE CONSTRUCTION INFORMATION IN CELLULAR SYSTEM

(51) International classification	:H04B 7/26
(31) Priority Document No	:61/108,559
(32) Priority Date	:27/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2009/006222
Filing Date	:27/10/2009
(87) International Publication No	:WO 2010/050724
(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)KIM, SU NAM

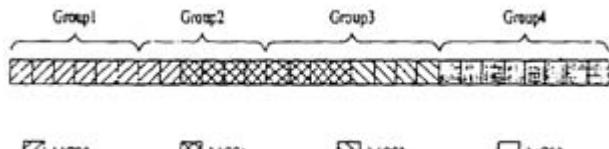
2)CHOI, JIN SOO

3)IHM, BIN CHUL

4)KIM, JEONG-KI

(57) Abstract :

A method for, at a base station, informing a user equipment of control message construction information in a cellular system is disclosed. The method includes at the base station, generating the control message construction information indicating a construction scheme of a plurality of control messages for at least one user equipment, and transmitting the generated control message construction information to the at least one user equipment. The plurality of control messages for the at least one user equipment are grouped based on at least one of whether or not uplink Acknowledgment/Negative. Acknowledgement (ACK/NACK) channel indexes are allowed to be implicitly used, whether or not the user equipment corresponding to the control messages is able to implicitly use the uplink ACK/NACK channel indexes, the sizes of the Information Elements (IEs) of the control messages, whether or not the control messages are segmented into a predetermined number of subblocks, Modulation and Coding Scheme (MCS) levels applied to the control messages, the sizes of the allocated IEs of the control messages after applying the MCS levels, and frequency partitions in which the IEs of the control messages are present, and, if groups generated by the grouping are aligned and transmitted, alignment information of the control messages includes information about the number of control messages included in each of the groups generated by the grouping or the size of each of the groups.



No. of Pages : 65 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1621/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD AND SYSTEM FOR PERSONALIZING A PORTABLE DATA STORAGE DEVICE

(51) International classification	:G06K 17/00
(31) Priority Document No	:10 2008 053 366.1
(32) Priority Date	:27/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/007652
Filing Date	:26/10/2009
(87) International Publication No	:WO 2010/049110
(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 :

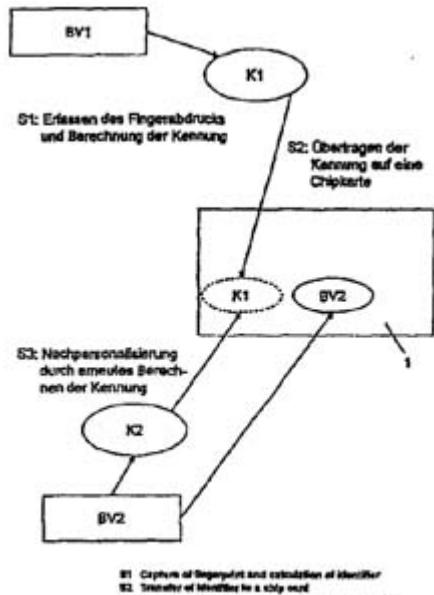
1)EFFING, WOLFGANG

2)SPITZ, STEPHAN

3)MARTINI, ULLRICH

(57) Abstract :

The invention relates to a method for personalizing a portable data storage device (1), particularly a chip card, with, biometric data. In the method according to the invention, a biometric data set (BV1) of a user is compiled and an identification value (K1) is calculated from the biometric data set (BV1) using a specified calculation method, said identification value being uniquely associated with the biometric data set (BV1). After transmission of the identification value (K1) to a personalization system, the identification value (K1) is saved to a portable data storage device by the personalization system. Finally, following conveyance of the portable data storage device (1) from the personalization system to the user or to an issuing authority, a biometric data set (BV2) of a person is newly compiled. An identification value (K2) is newly calculated using the specified calculation method from the newly compiled biometric data set (BV2) and said identification value (K2) is compared with the identification value (K1) saved on the portable data storage device (1). If there is sufficient correlation between the identification values (K1, K2), the newly compiled biometric data set (BV2) is saved on the portable data storage device (1).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1622/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : LIPIDATED IMIDAZOQUINOLINE DERIVATIVES

(51) International classification	:A61K 39/395
(31) Priority Document No	:61/108,210
(32) Priority Date	:24/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061867
Filing Date	:23/10/2009
(87) International Publication No	:WO 2010/048520
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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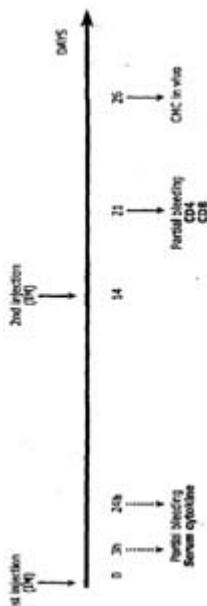
Address of Applicant :RUE DE L'INSTITUT 89, B-1330  
RIXENSART BELGIUM

(72)Name of Inventor :

1)JOHNSON, DAVID

(57) Abstract :

The compounds of the subject invention are adjuvant molecules that comprise an imidazoquinoline molecule covalently linked to a phospho- or phosphonolipid group. The compounds of the invention have been shown to be inducers of interferon- $\alpha$ , IL-12 and other immunostimulatory cytokines and possess an improved activity profile in comparison to known cytokine inducers when used as adjuvants for vaccine antigens.



No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1623/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR TREATING NITROGEN-LOADED WASTEWATER

(51) International classification	:C02F 1/28
(31) Priority Document No	:10 2008 062 299.0
(32) Priority Date	:15/12/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/067189
Filing Date	:15/12/2009
(87) International Publication No	:WO 2010/076195
(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)RUF, FRIEDRICH

2)KUMMER, GERHARD

3)BURGFELS, GÖTZ

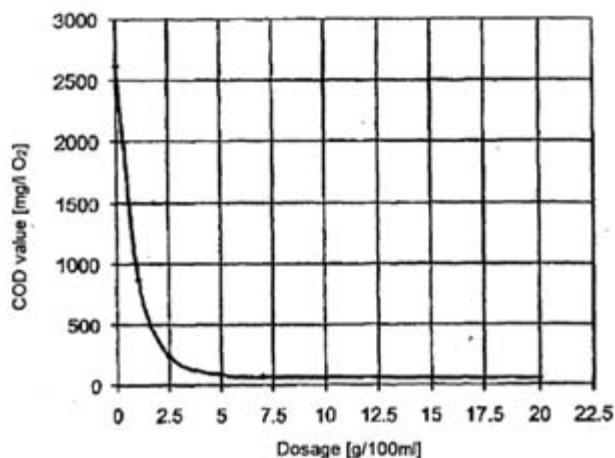
4)FRAUENRATH, MANFRED

5)LAUTENSCHLAGER, JOHANNES

(57) Abstract :

The invention relates to a method for purifying wastewater loaded with nitrogen-containing compounds, wherein the wastewater loaded with nitrogen-containing compounds is reacted with a smectic sheet silicate, wherein a clay material loaded with nitrogen-containing compounds is obtained, and the clay material loaded with nitrogen-containing compounds is separated off, wherein purified wastewater is obtained.

**Relationship between dosage/COD reduction**



No. of Pages : 39 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1624/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : COMBINED ANTENNA AND INDUCTIVE POWER RECEIVER

(51) International classification	:H02J 7/02
(31) Priority Document No	:61/136,660
(32) Priority Date	:23/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2009/000915
Filing Date	:22/09/2009
(87) International Publication No	:WO 2010/035256
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)POWERMAT LTD.

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NEVE ILAN ISRAEL

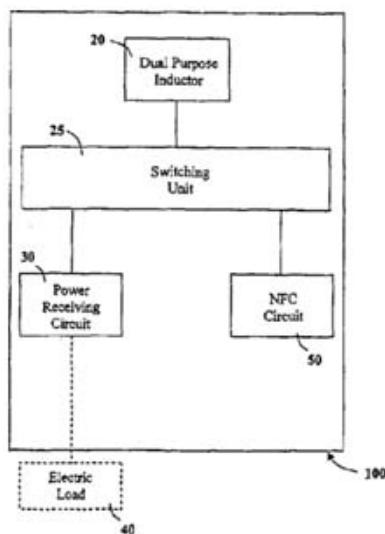
(72)Name of Inventor :

1)BEN-SHALOM, AMIR

2)MEYUHAS, NOAM

(57) Abstract :

An inductive power receiver including a dual purpose inductor wired to an electric load, the dual purpose inductor is configured to inductively couple with a primary inductor wired to a power supply. The dual purpose inductor typically comprises a radio antenna such as a near field communication antenna. A method is described for charging electromagnetic cells via the inductive power receiver.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1626/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : BLOOD RESERVOIR

(51) International classification	:A61M 1/36
(31) Priority Document No	:2008-263100
(32) Priority Date	:09/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/067253
Filing Date	:02/10/2009
(87) International Publication No	:WO 2010/041604
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NIPRO CORPORATION

Address of Applicant :9-3, HONJO-NISHI 3-CHOME, KITA-KU, OSAKA-SHI, OSAKA 531-8510 JAPAN

(72)Name of Inventor :

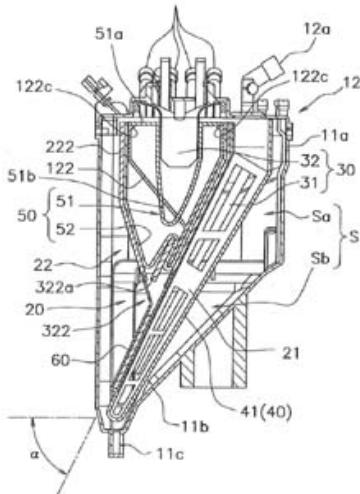
1)SUSUMU KOBAYASHI

2)TAKASHI ARAI

3)YUJI KUWAHARA

(57) Abstract :

Provided is a blood reservoir equipped with a filter having a treatment capacity desired by a health worker. A health worker managing a blood reservoir can comprehend the amount of stored blood more accurately. Furthermore, bubbles are prevented from being mixed into blood after bubbles are removed therefrom. A filter member (52) of a blood reservoir (1) is a filter member for removing foreign matters and bubbles from the blood. The filter member (52) is equipped with a first filter portion (52a) and a second filter portion (52b). The first filter portion (52a) forms the wall portion and the second filter portion (52b) forms the bottom portion. Specifications of the first filter portion (52a) and the second filter portion (52b) are different. The guide member (60) of the blood reservoir (1) consists of foaming material. The blood from which bubbles are removed are thereby led in a state where the blood permeated the guide member (60). Consequently, the guide member (60) can lead the blood from which bubbles are removed to a predetermined position at an appropriate landing speed.



No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1627/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD AND APPARATUS FOR CREATING STATE ESTIMATION MODELS IN MACHINE CONDITION MONITORING

(51) International classification	:G06F 19/00
(31) Priority Document No	:61/106,699
(32) Priority Date	:20/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/058356 :25/09/2009
(87) International Publication No	:WO 2010/047917
(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)SIEMENS CORPORATION

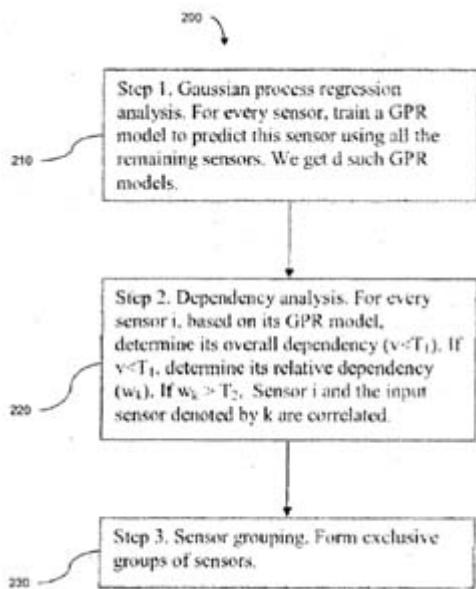
Address of Applicant :170 WOOD AVENUE SOUTH,  
ISELIN, NJ 08830 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)CHAO YUAN

(57) Abstract :

In a machine condition monitoring technique, related sensors are grouped together in clusters to improve the performance of state estimation models. To form the clusters, the entire set of sensors is first analyzed using a Gaussian process regression (GPR) to make a prediction of each sensor from the others in the set. A dependency analysis of the GPR then uses thresholds to determine which sensors are related. Related sensors are then placed together in clusters. State estimation models utilizing the clusters of sensors may then be trained.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1628/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : APPARATUS FOR FEEDING A CONSUMER NETWORK WITH THE ELECTRICAL POWER FROM A POWER SUPPLY SYSTEM

(51) International classification	:H02J 3/06
(31) Priority Document No	:102008053822.1
(32) Priority Date	:27/10/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/062622
Filing Date	:29/09/2009
(87) International Publication No	:WO 2010/049231
(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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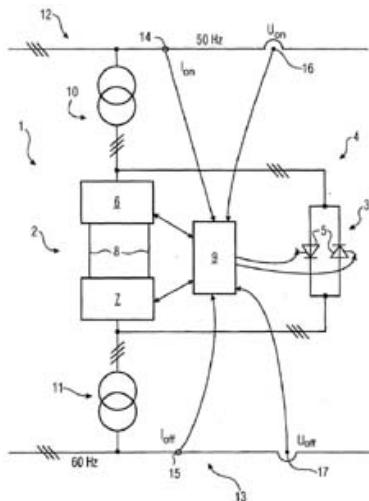
(72)Name of Inventor :

1)UWE KREBS

2)JÜRGEN MOSER

(57) Abstract :

In order to provide a device (1) for feeding a consumer network (13) with the electric power of a supply network (12), wherein the device (1) has a frequency converter (2) which may be connected both to the supply network (12) and to the consumer network (13), by means of said frequency converter high short-circuit currents may also be provided over a sufficiently long time duration for the consumer network such that a short-circuit is localized in the consumer network and may be selectively separated from the remaining, error-free consumer network, the invention provides a switch unit (13), which is disposed parallel to the frequency converter (2) and configured for bypassing the frequency converter (2), and a controller (9) that is connected to the switch unit (3), said switch unit (13) and controller being equipped to actuate a switch unit (2) upon detection of a short-circuit current flowing across the frequency converter (2).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1629/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : HEAT EXCHANGE DEVICE AND HEAT GENERATING ELEMENT CONTAINING DEVICE USING SAME

(51) International classification

:H05K 7/20

(31) Priority Document No

:2008-269448

(32) Priority Date

:20/10/2008

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2009/005402

Filing Date

:16/10/2009

(87) International Publication No

:WO 2010/047067

(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)PANASONIC CORPORATION

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(72)Name of Inventor :

1)KEISUKE TSUJI

2)MUTSUHIKO MATSUMOTO

3)NOBUYUKI YASUI

4)HIROSHI SHIBATA

5)NAOYUKI FUNADA

6)YUUJI NAKANO

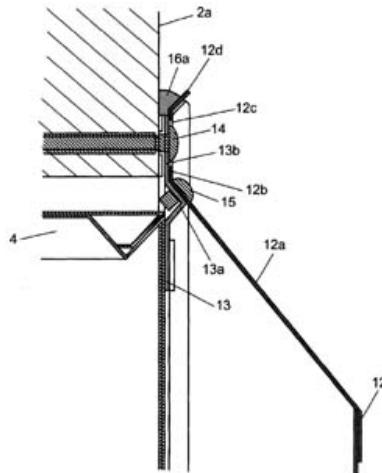
7)TAKAHIRO SAHASHI

8)KEISUKE HAGIMOTO

9)HIROTAKA SOGA

(57) Abstract :

The invention is provided with main body case (4) containing therein an air blower for circulating ambient air and a heat exchanger for exchanging heat between the ambient air circulated by the air blower and inside air, flange (13) provided in main body case (4) and having wall surface joining surface (13b) joined to wall surface (2a) where main body case (4) is arranged, and cover (12) attached to flange (13), having a louver in a side of the inside air, and a plurality of opening holes in a side of the ambient air and covering the ambient air side of main body case (4), thereby making an attachment and a detachment of cover (12) easy, and achieving a reduction of a maintenance work.



No. of Pages : 47 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1700/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : APPARATUS AND METHOD FOR ACTIVATION OF COMPONENTS OF AN ENERGIZED OPHTHALMIC LENS

(51) International classification	:G02C 7/02
(31) Priority Document No	:61/108,957
(32) Priority Date	:28/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/061458
Filing Date	:21/10/2009
(87) International Publication No	:WO 2010/062504
(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 :

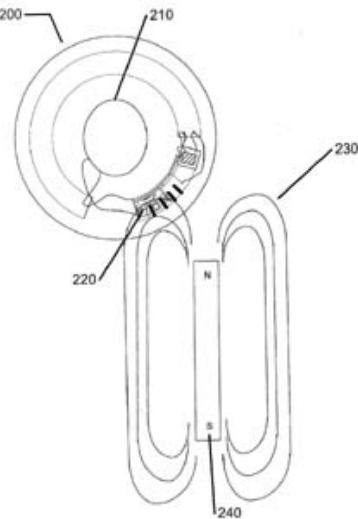
1)DANIEL B. OTTS

2)RANDALL B. PUGH

3)FREDERICK A. FLITSCH

(57) Abstract :

This present invention provides apparatus and methods for the activation of an energized ophthalmic lens. In some embodiments, the present invention provides for activation and deactivation of one or more components via wireless communication with an activation unit external to the ophthalmic lens. In some embodiments, an energized ophthalmic lens contains components which detect external signals, process the detected signal and activate components that change optical characteristics via the control of electrical energy.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1701/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : METHOD FOR OPERATING A WASTE HEAT STEAM GENERATOR

(51) International classification	:F22B 35/00
(31) Priority Document No	:EP08019862
(32) Priority Date	:13/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/064263
Filing Date	:29/10/2009
(87) International Publication No	:WO 2010/054934
(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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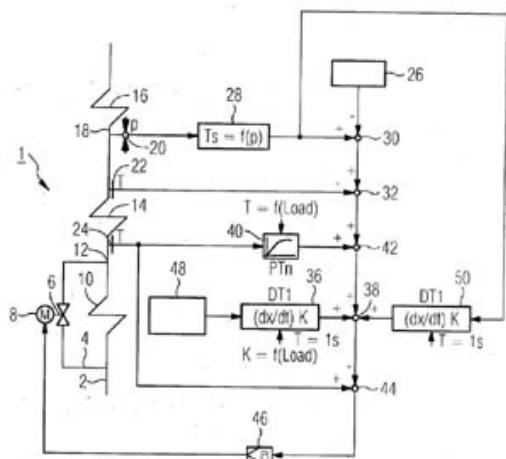
(72)Name of Inventor :

1)JAN BRÜCKNER

2)FRANK THOMAS

(57) Abstract :

The invention relates to a method for operating a waste heat steam generator (1) comprising an evaporator (16), an economizer having a number of economizer heating surfaces (10, 14), and a bypass line (4) connected on the flow medium side in parallel with a number of economizer heating surfaces (10), wherein said method should make possible higher operational safety and reliability in the control of the waste heat steam generator. For this purpose, a parameter that is characteristic of the thermal energy fed to the waste heat steam generator (1) is used to control or regulate the flow rate of the bypass line (4).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1702/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : HOLDING APPARATUS FOR A CAST-RESIN TRANSFORMER WINDING

(51) International classification	:H01F 27/30
(31) Priority Document No	:102008055882.6
(32) Priority Date	:03/11/2008
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2009/062910
Filing Date	:05/10/2009
(87) International Publication No	:WO 2010/060672
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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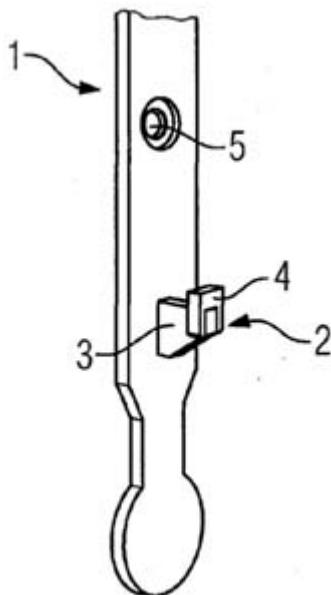
(72)Name of Inventor :

1)CHARWAT, KARL-HEINZ

2)HANOV, RUDOLF

(57) Abstract :

The invention relates to a holding device for fastening a cast resin transformer winding relative to a transformer core having a support element and a receiving element attached to a tie rod. By fastening the support element to the receiving element attached to the tie rod, a cast resin transformer winding can be fixed rigidly and precisely centered relative to a transformer core. By attaching the receiving element directly on the tie rod, circulation in the lower region of the cast resin transformer winding or of an insulating cylinder also attached to the support element is ensured and thereby the thermal properties of a cast resin transformer winding produced in this way are improved. Furthermore a modular and thus simple design of the cast resin transformer is possible due to the possibility of connecting the receiving element to the tie rod by way of the support element.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1703/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DIFFERENTIAL PROTECTION METHOD AND DIFFERENTIAL PROTECTION DEVICE

(51) International classification	:H02H 3/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2008/009190
Filing Date	:28/10/2008
(87) International Publication No	:WO 2010/048973
(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)FUNK, HANS-WERNER

2)SCHICK, MATHIAS

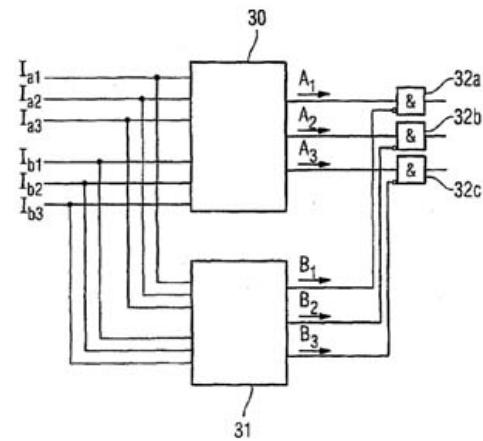
3)SCHNEIDER, SEBASTIAN

4)SCHUMACHER, MARTIN

5)SCH,FER, BERND

(57) Abstract :

The invention relates to a method for detecting a short circuit relative to at least one phase (13a, 13b, 13c) of a protected object (11) in a multi-phase electrical power transmission grid, wherein current values are captured for each phase (13a, 13b, 13c) at at least two measurement points of the protected object (11), differential current values are determined for each phase (13a, 13b, 13c) from the current values, and an initiating signal for a certain phase (e.g., 13b) is generated if the differential current value of said phase (e.g., 13b) exceeds a threshold value. In order to provide a method that, despite close spatial proximity of the current transformer used for capturing the current values, provides a reliable and selective shut-off of only that or those phase(s) that is actually affected by a short circuit, the invention proposes that a stabilization current value is determined for each phase (13a, 13b, 13c) from the current values, and a blocking signal is generated for a particular phase (e.g. 13a, 13c) if the relevant stabilization current value is below a prescribed stabilization threshold, wherein the blocking signal suppresses the output of an initiating signal for the relevant phase (e.g., 13a, 13c). The invention further relates to a corresponding differential protection device.



No. of Pages : 42 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 26/08/2011

(54) Title of the invention : GAS TURBINE HAVING SEALING PLATES ON THE TURBINE DISC

(51) International classification	:F01D 5/30
(31) Priority Document No	:EP08018988
(32) Priority Date	:30/10/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/061462
Filing Date	:04/09/2009
(87) International Publication No	:WO 2010/049196
(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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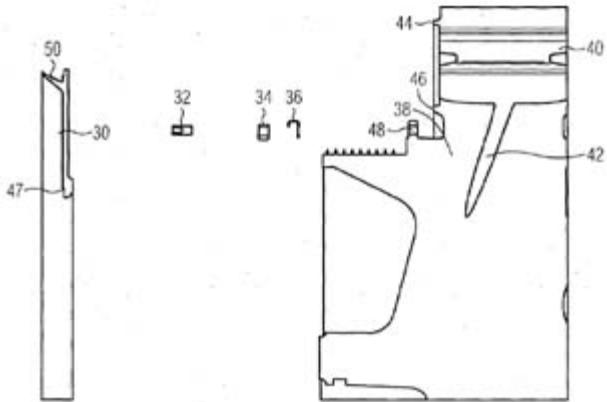
(72)Name of Inventor :

1)BILSTEIN, BJÖRN

2)SCHRÖDER, PETER

(57) Abstract :

A turbine rotor (8) having a plurality of rotor blades (12) assembled into rotor blade rows and arranged on a turbine disk (38), wherein the respective turbine disc (38) on the side surfaces thereof comprises a plurality of sealing plates (30) having edges (47) that are arranged radially towards the inside, is to enable a simplified design and assembly, while maintaining maximum operational reliability and maximum efficiency of a turbine equipped therewith. Therefore, between the edge (47) of the respective sealing plate (30) and a side wall of the turbine disc groove (62), a closure member (34) is provided, wherein the edge (47) extends over the entire azimuthal length of the sealing plate and the closure members (34) abut each other in the azimuthal direction for sealing purposes. The closure members (34) can be inserted into the turbine disc groove (62) via a recess (56) interrupting the respective edge (47) and extending substantially azimuthally on the side facing the turbine axis.



No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1705/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : APPARATUS FOR FEEDING A CONSUMER NETWORK WITH THE ELECTRICAL POWER FROM A POWER SUPPLY SYSTEM

(51) International classification	:H02J 3/06
(31) Priority Document No	:102008056581.4
(32) Priority Date	:10/11/2008
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2009/064460 :02/11/2009
(87) International Publication No	:WO 2010/052188
(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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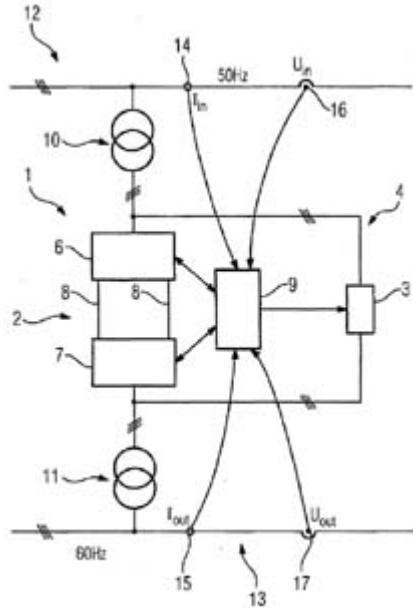
(72)Name of Inventor :

1)UWE KREBS

2)JÜRGEN MOSER

(57) Abstract :

The invention relates to a device (1) for feeding a consumer network (13) with electrical power from a supply network (12), wherein the device (1) comprises a frequency converter (2), one side of which can be connected to the supply network (12) and the other side of which can be connected to the consumer network (13), said converter also being able to provide high short circuit currents for the consumer network over a sufficiently long time frame so that a short circuit in the consumer network can be localized and separated in a targeted manner from the remainder of the consumer network, which is fault-free. A mechanical switching unit (3) is disposed parallel to the frequency converter (2), and control means (9) are connected to said switching unit (3), said control means being adapted to actuate the switching unit (2) when a short circuit current flowing across the frequency converter (2) is detected.



No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1706/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : THERAPEUTIC REGIMEN COMPRISING PEG-INTERFERON, RIBAVIRIN AND VX-950 FOR THE TREATMENT OF HEPATITIS

(51) International classification	:A61P 31/12
(31) Priority Document No	:61/099,849
(32) Priority Date	:24/09/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/058218 :24/09/2009
(87) International Publication No	:WO 2010/036799
(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)KAUFFMAN, ROBERT S.**

**2)TITEUX, CYRIL JEAN CAMILLE**

**3)POLO, RAMON**

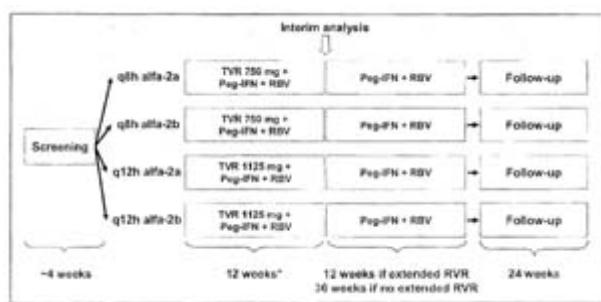
**4)VAN HEESWIJK, RUDOLF PETER GERHARD**

**5)BEUMONT, MARIA GLORIA**

**6)PICCHIO, GASTON RAFAEL**

(57) Abstract :

The present invention relates to antiviral therapies and compositions for treating or preventing Hepatitis C infections in patients and relate to other methods disclosed herein. The invention also relates to kits and pharmaceutical packs comprising compositions and dosage forms.



No. of Pages : 58 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

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

(43) Publication Date : 26/08/2011

(54) Title of the invention : ASSEMBLY FOR PERFORMING BRACHYTHERAPY TREATMENT OF TUMOUR TISSUE IN AN ANIMAL BODY

(51) International classification	:A61N 5/10
(31) Priority Document No	:1035971
(32) Priority Date	:23/09/2008
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2009/000187
Filing Date	:23/09/2009
(87) International Publication No	:WO 2010/036103
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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VEENENDAAL, THE NETHERLANDS

(72)**Name of Inventor :**

**1)HANNOUN-LEVI M.D., JEAN-MICHEL**

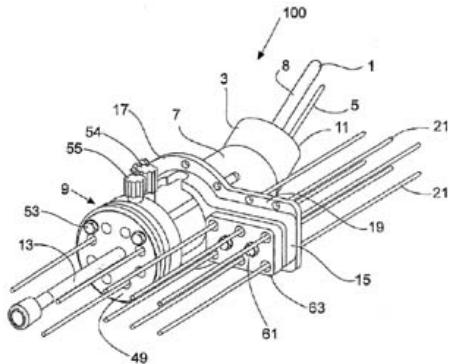
**2)VAN DE WARDT, COR**

**3)VISSCHER, ARIE LUISTE**

**4)BINNEKAMP, DIRK**

(57) Abstract :

This invention relates to an assembly for performing brachytherapy treatment of tumour tissue in an animal body comprising at least a longitudinally extending intracavitary component and at least a guiding unit which extends at least partly parallel to said intracavitary component. Said guiding unit comprises at least one interstitial needle for guiding a radiation source into the tumour tissue. Said guiding unit is tubular over at least a longitudinal distance sufficient that in use a proximal end of said guiding unit is situated outside said body to be treated, while a distal end of said guiding unit is situated in situ close to or adjacent the tumour tissue.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1708/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : LIGHT-EMITTING DIODE MODULE FOR A VEHICLE, AND DIODE MOUNTING

(51) International classification	:B60Q 3/02
(31) Priority Document No	:0857299
(32) Priority Date	:27/10/2008
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2009/052065
Filing Date	:27/10/2009
(87) International Publication No	:WO 2010/049639
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SAINT-GOBAIN GLASS FRANCE

Address of Applicant :18 AVENUE D'ALSACE F-92400 COURBEVOIE FRANCE

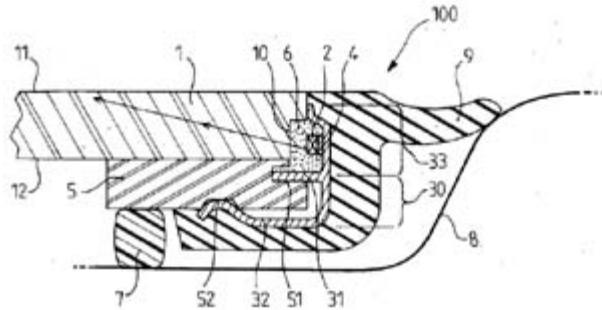
(72)Name of Inventor :

1)VERRAT-DEBAILLEUL, ADÈLE

2)MOTTELET, BÉATRICE

(57) Abstract :

The present invention relates to a diode module (100), for a vehicle, comprising a first curved transparent sheet (1), diodes (2), each comprising an emitting chip (2) able to emit at one or more wavelengths in the visible, and guided in the first sheet after injection via the edge face or via the sidewall of one or more holes housing the diodes in one of the main faces of the sheet, and comprising a bracket (3) supporting the diodes, bordering the glazing, comprising a clip (30), for fastening to the glazing, having a part, called a middle part, a first discontinuous flange (31) having a first set of tabs, for fastening and/or centering the clip (31), which are distanced from each other and a second discontinuous flange (32) having a second set of tabs, for fastening the clip (32), which are distanced from each other, the first and/or second set(s) of tabs thus forming means for retaining diodes (2) in preset vertical positions relative to the first sheet.



No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1716/KOLNP/2011 A

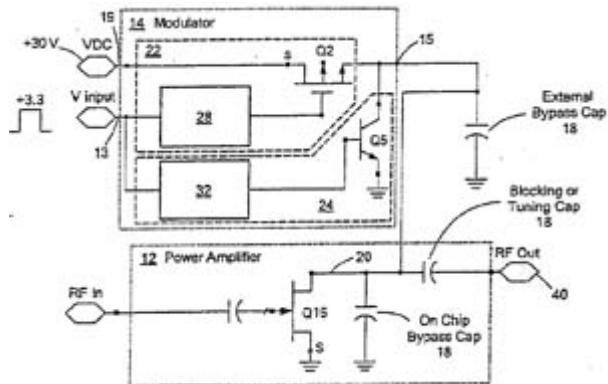
(43) Publication Date : 26/08/2011

(54) Title of the invention : RADIO FREQUENCY MODULATOR

(51) International classification	:H03C 1/36,H04L 27/04	(71)Name of Applicant :
(31) Priority Document No	:12/267,664	1)RAYTHEON COMPANY
(32) Priority Date	:10/11/2008	Address of Applicant :870 WINTER STREET, WALTHAM, MA 02451-1449 UNITED STATES OF AMERICA
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2009/063351	1)RODRIGUEZ, ISTVAN
Filing Date	:05/11/2009	2)LINDQUIST, JR., ROBERT, A.
(87) International Publication No	:WO 2010/054046	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A radio frequency modulator system having a radio frequency amplifier controlled by a pulse modulator. The pulse modulator includes: a first switching circuit responsive to an input pulse for coupling a dc voltage relative to a reference potential to the output electrode when the radio frequency signal is to be amplified by the radio frequency amplifier and for decoupling the dc voltage from the output electrode when the radio frequency signal is to be decoupled from the output electrode wherein charge is stored in the storage element when the dc voltage is coupled to the output electrode; and: a second switching circuit responsive to the input pulse for discharging the stored charge when the dc voltage is decoupled from the output electrode.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1717/KOLNP/2011 A

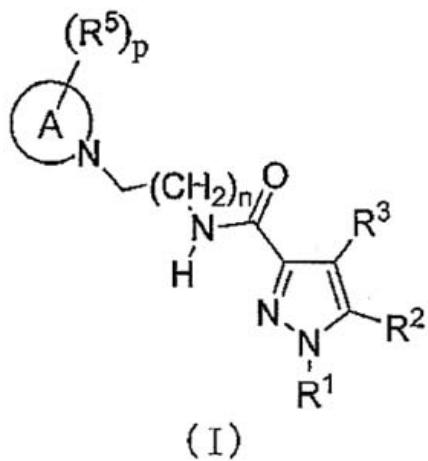
(43) Publication Date : 26/08/2011

(54) Title of the invention : NOVEL PYRAZOLE-3-CARBOXAMIDE DERIVATIVE HAVING 5-HT 2B RECEPTOR ANTAGONIST ACTIVITY

(51) International classification	:A61K 31/454,C07D 231/14	(71)Name of Applicant :
(31) Priority Document No	:2008-298821	1)RAQUALIA PHARMA INC.
(32) Priority Date	:21/11/2008	Address of Applicant :2, AZA 5-GOCHI, TAKETOYO-CHO, CHITA-GUN, AICHI 4702341 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No Filing Date	:PCT/JP2009/069816 :24/11/2009	1)YAMAGISHI, TATSUYA 2)KAWAMURA, KIYOSHI 3)INOUE, TADASHI 4)SHISHIDO, YUJI 5)ITO, HIROAKI
(87) International Publication No	:WO 2010/058858	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :

Disclosed is a compound represented by general formula (I) or a pharmaceutically acceptable salt thereof, which is useful as a selective antagonist of a 5-HT2B receptor. The compound and salt are useful for treatment or prevention of various diseases and conditions associated with a 5-HT2B receptor.



No. of Pages : 107 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1718/KOLNP/2011 A

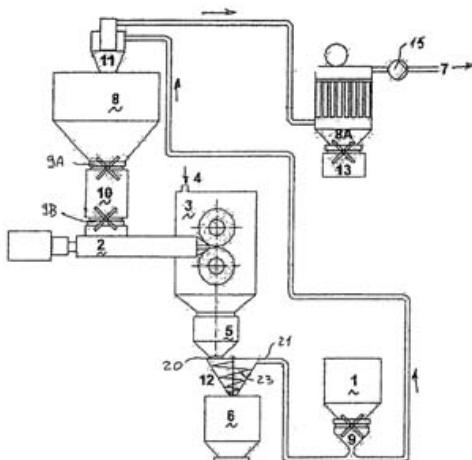
(43) Publication Date : 26/08/2011

(54) Title of the invention : DRY GRANULATION IN A GAS STREAM

(51) International classification	:A61N 5/06
(31) Priority Document No	:RM2008A000596
(32) Priority Date	:05/11/2008
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IT2009/000498
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/052748
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(57) Abstract :

It is disclosed an apparatus wherein the gas enters from the opening 4 located in a part of the compaction chamber 3 and is dragged through a granulator 5, a fractioning device 12, a special cyclone 11 and a filter system 8A to a suction fan, which creates the gas stream In such apparatus the bulk to be compacted 1, the fine particles to be compacted again and the compacted bulk have the same flow direction than the carrier gas. Due to its complete or partial impermeability, the structure of said apparatus makes also possible the use of a gas different from normal air. This is important when the bulk is sensible to oxygen.



No. of Pages : 51 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1719/KOLNP/2011 A

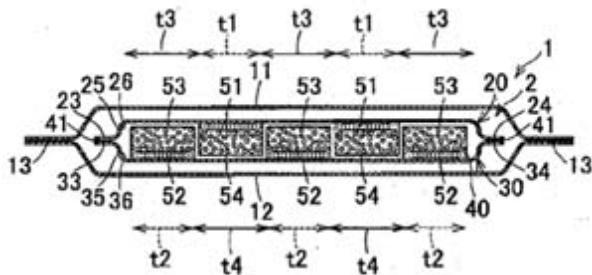
(43) Publication Date : 26/08/2011

(54) Title of the invention : LIQUID-ABSORBENT STRUCTURE FOR WEARING ARTICLE

(51) International classification	:A61F 13/15	(71)Name of Applicant :
(31) Priority Document No	:2008-278780	1)UNI-CHARM CORPORATION
(32) Priority Date	:29/10/2008	Address of Applicant :182, SHIMOBUN, KINSEI-CHO, SHIKOKUCHUO-SHI, EHIME 7990111 JAPAN
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2009/068020	(72)Name of Inventor :
Filing Date	:19/10/2009	1)KAWAKAMI, YUSUKE
(87) International Publication No	:WO 2010/050376	2)SAKAI, AKANE
(61) Patent of Addition to Application Number	:NA	3)AKAHIRA, AYAKO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a liquid-absorbent structure improved to prevent the liquid-absorbent core material from being unevenly distributed and thereby to assure that bodily fluids can be smoothly absorbed by the liquid-absorbent structure. A panty liner 1 includes a top sheet 11 lying on a side facing the wearer's body, a back sheet 12 facing the wearer's garment and a liquid-absorbent structure 2 sandwiched between these sheets 11, 12. A first inner surface 25 of a first sheet 20 forming the liquid-absorbent structure 2 is coated with adhesives to form a plurality of first bonding regions 51 and a second inner surface 35 of a second sheet 30 is coated with adhesives to form a plurality of second bonding regions 52. Each of the first non-bonding regions 53 lies between each pair of the first bonding regions 51, and each of the second non-bonding regions 54 lies between each pair of the second bonding regions 52. The first inner surface 25 and the second inner surface 35 face each other, the first bonding regions 51 face the second non-bonding regions 54 via the liquid-absorbent core material 40, and the second bonding regions 52 face the first non-bonding regions 53 via the liquid-absorbent core material 40.



No. of Pages : 42 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1720/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : MODULATION OF TOLL-LIKE RECEPTOR 5 EXPRESSION BY ANTISENSE OLIGONUCLEOTIDES

(51) International classification	:A61K 31/7088, C07H 21/00
(31) Priority Document No	:61/111,160
(32) Priority Date	:04/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/063258 :04/11/2009
(87) International Publication No	:WO 2010/053978
(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)IDERAPHARMACEUTICALS, INC.

Address of Applicant :167 SIDNEY STREET, CAMBRIDGE,  
MA 02139 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)KANDIMALLA, EKAMBAR

2)PUTTA, MALLIKARJUNA

3)BHAGAT, LAKSHMI

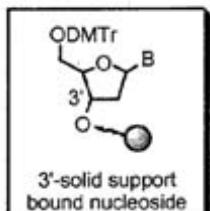
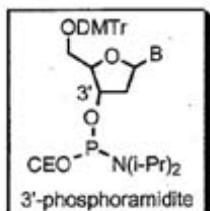
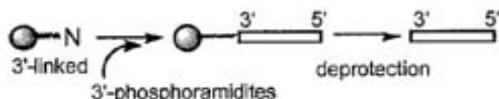
4)WANG, DAQING

5)YU, DONG

6)AGRAWAL, SUDHIR

(57) Abstract :

Antisense oligonucleotide compounds, compositions and methods are provided for down regulating the expression of TLR5. The compositions comprise antisense oligonucleotides targeted to nucleic acids encoding TLR5. The compositions may also comprise antisense oligonucleotides targeted to nucleic acids encoding TLR5 in combination with other therapeutic and/or prophylactic compounds and/or compositions. Methods of using these compounds and compositions for down-regulating TLR5 expression and for prevention or treatment of diseases wherein modulation of TLR5 expression would be beneficial are provided.



No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1723/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : ARYLPiperazine AND THEIR USE AS ALPHA2C ANTAGONISTS

(51) International classification	:C07D 311/74
(31) Priority Document No	:61/193,355
(32) Priority Date	:20/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2009/000097
Filing Date	:20/11/2009
(87) International Publication No	:WO 2010/058060
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ORION CORPORATION

Address of Applicant :ORIONINTIE 1, FI-02200 ESPOO FINLAND

(72)Name of Inventor :

1)DIN BELLE, DAVID

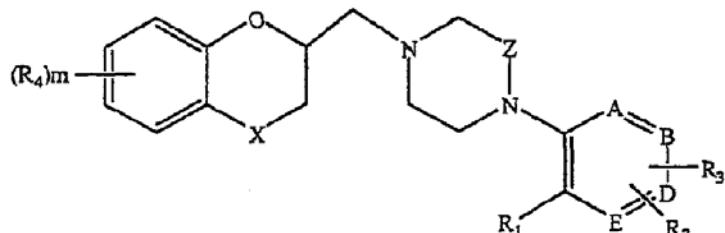
2)HOLM, PATRIK

3)TOLVANEN, ARTO

4)WOHLFAHRT, GERD

(57) Abstract :

Compounds of formula (I), wherein X, Z, A, B, D, E,R1-R4 and m are as defined in the claims, exhibit alpha2C antagonistic activity and are thus useful as alpha2C antagonists.



No. of Pages : 55 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1725/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AXIALLY SEGMENTED STATOR BLADE CARRIER FOR A GAS TURBINE

(51) International classification	:F01D 9/04,F01D 25/24
(31) Priority Document No	:EP08019365
(32) Priority Date	:05/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No Filing Date	:PCT/EP2009/061744 :10/09/2009
(87) International Publication No	:WO 2010/052050
(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)SIEMENS AKTIENGESELLSCHAFT

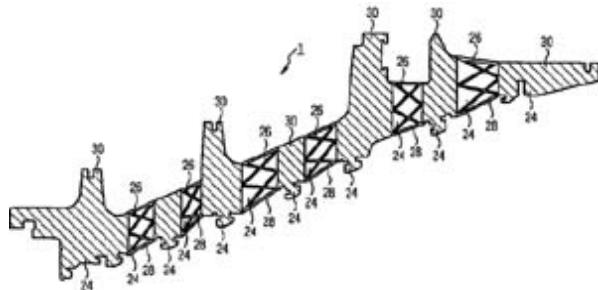
Address of Applicant :WITTELSBACHERPLATZ 2 80333 MÜNCHEN GERMANY

(72)Name of Inventor :

- 1)BRYK, RODERICH
- 2)DUNGS, SASCHA
- 3)SAVILIUS, NICOLAS
- 4)HARTMANN, MARTIN
- 5)KAHLSTORF, UWE
- 6)KLEIN, KARL
- 7)LÜSEBRINK, OLIVER
- 8)MILAZAR, MIRKO
- 9)SCHNEIDER, OLIVER
- 10)SHENG, SHILUN
- 11)SHEVCHENKO, VADIM
- 12)SIMON, GERHARD
- 13)THAMM, NORBERT

(57) Abstract :

A guide vane mount (1), in particular for a gas turbine (101), comprising a number of axial segments (24), is to allow a simpler design technically and a more flexible adaptation to the temperature profile present on the guide vane mount in order to maintain operational safety. Therefore, at least one axial segment (24) is to be designed as a grid structure (26).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1726/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : GAS TURBINE WITH LOCKING PLATE BETWEEN BLADE ROOT AND DISK

(51) International classification	:F01D 5/30,F01D 5/08
(31) Priority Document No	:EP08019366
(32) Priority Date	:05/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/061757
Filing Date	:10/09/2009
(87) International Publication No	:WO 2010/052053
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2 80333  
MÜNCHEN GERMANY

(72)Name of Inventor :

1)MARTIN, NICHOLAS F.

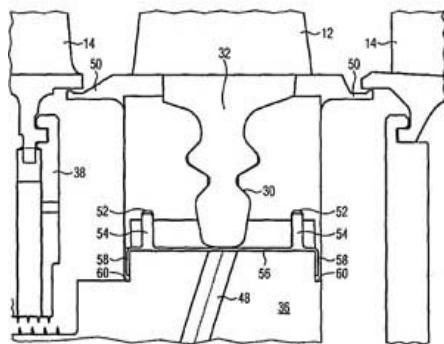
2)SCHIEFER, CHRISTOPH

3)SCHRÖDER, PETER

4)VAN DEN TOORN, BERND

(57) Abstract :

A turbine rotor (8) for a gas turbine having a plurality of rotor blades (12) which are assembled into rotor blade rows and arranged on a turbine disk (36) and which each have a blade base (32) that is arranged in a rotor blade retaining groove (30) of the turbine disk extending in the axial direction, a securing plate being arranged between the respective blade base and a groove base of the rotor blade retaining groove for securing rotor blades against a displacement along the rotor blade retaining groove, said securing plate being fixed on the turbine disk by means of bevels (58), characterized in that a cooling air feed channel (48) ends in the groove base of the rotor blade retaining groove for feeding the coolant, that the respective securing plate comprises a plurality of cooling air holes (62) for the passage of coolant, and that the respective blade base comprises two grooves (52) extending substantially azimuthally in relation to the turbine axis, and wherein the respective securing plate comprises two springs (54) which are arranged such that they can be positively connected to the grooves of the blade base for sealing.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1727/KOLNP/2011 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : CONTINUOUS STEAM GENERATOR

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(51) International classification	:F22B 21/34
(31) Priority Document No	:EP08019643
(32) Priority Date	:10/11/2008
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2009/064205
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/052158
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

Address of Applicant :WITTELSBACHERPLATZ 2 80333  
MÜNCHEN GERMANY

(72)Name of Inventor :

1)EFFERT, MARTIN

2)SCHNEIDER, ANDREAS

(57) Abstract :

The invention relates to a continuous steam generator (1) comprising a combustion chamber (2) having a number of burners for fossil fuel and an outside wall (12) composed of steam generator pipes (20) that are welded to each other gas-tight, wherein a vertical gas flue (8) is connected downstream of the combustion chamber (2) on the hot gas side in an upper area (4) through a horizontal gas flue (6), wherein a part of the outside wall (12) facing the vertical gas flue (6) and below the horizontal gas flue (6) is inclined inward and thus forms a nose (14) projecting into the combustion chamber (2) with the bottom (16) of the adjacent horizontal gas flue (6), wherein the continuous steam generator should have a simplified design and a particularly high reliability in operation. For this purpose, a number of support pipes (26) are connected downstream of at least one part of the steam generator pipes (20) of the nose (14) at the upper end thereof on the flow medium side, wherein said support pipes are guided substantially vertically to the lower end of the nose (14).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1728/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : OPHTHALMIC DEVICE WITH EMBEDDED MICROCONTROLLER

(51) International classification	:B29D 11/00,G02C 7/10
(31) Priority Document No	:61/110,213
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/061780 :23/10/2009
(87) International Publication No	:WO 2010/051225
(61) 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 & JOHNSON VISION CARE, INC.

Address of Applicant :7500 CENTURION PARKWAY,  
SUITE 100 JACKSONVILLE, FLORIDA 32256 U.S.A.

(72)Name of Inventor :

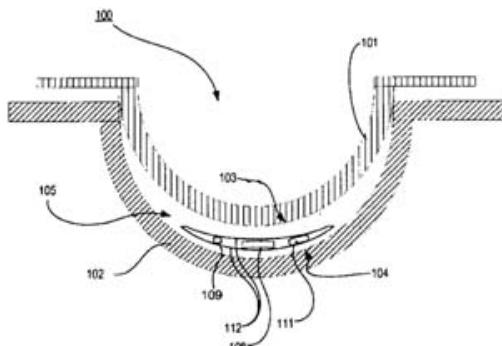
1)RANDALL B. PUGH

2)DANIEL B. OTTS

3)FREDERICK A. FLITSCH

(57) Abstract :

This invention discloses methods and apparatus for providing an ophthalmic lens with a microcontroller and an energy source incorporated within the ophthalmic lens. The energy source is capable of powering the microcontroller included within the ophthalmic lens. In some embodiments, an ophthalmic lens is cast molded from a silicone hydrogel.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1721/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PHOTOVOLTAIC ELEMENT AND METHOD FOR MANUFACTURING SAME

(51) International classification	:H01L 31/04
(31) Priority Document No	:2008-270257
(32) Priority Date	:20/10/2008
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2009/068012
Filing Date	:19/10/2009
(87) International Publication No	:WO 2010/047309
(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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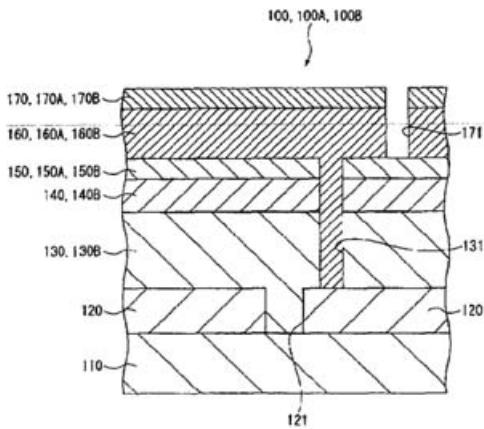
(72)Name of Inventor :

1)KAIJO, AKIRA

2)OYAMA, MASASHI

(57) Abstract :

On a p-type conductive light absorption layer (130) provided by a chalcopyrite structure compound that is layered bridging a pair of backside electrode layers (120) provided on a side of a glass substrate (110), a light-transmissive n-type buffer layer (140) that forms a p-n junction with the light absorption layer (130) is layered. A light- transmissive transparent electrode layer (160) is layered on the buffer layer (140) to extend from a side of the light absorption layer (130) and the buffer layer (140) to one of the pair of backside electrode layers (120). The transparent electrode layer (160) is formed in an amorphous film containing indium oxide and zinc oxide as primary components, the transparent electrode layer (160) exhibiting a film stress of  $\pm 1 \times 10^9$  Pa or less. A photovoltaic element can be favorably processed without causing cracking and damage even by an easily processable mechanical scribing, so that productivity can be enhanced and yield rate can be improved.



No. of Pages : 104 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1733/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : DEPIGMENTING TOPICAL COMPOSITIONS AN THEIR USES

(51) International classification	:A61K 8/34,A61Q 19/02
(31) Priority Document No	:61/109,061
(32) Priority Date	:28/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2009/064238
Filing Date	:28/10/2009
(87) International Publication No	:WO 2010/049462
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GALDERMA RESEARCH & DEVELOPMENT

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TEMPLIERS, F-06410 BIOT, FRANCE

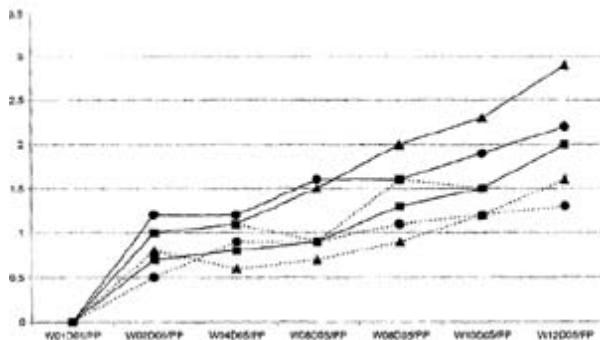
(72)Name of Inventor :

1)ANDRES, PHILIPPE

2)PELISSON, ISABELLE

(57) Abstract :

The invention relates to depigmenting topical compositions and to their uses. In particular, the compositions according to the invention show an improved effectiveness in the dermatological treatment of pigmentation, without the disadvantages of the compositions of the prior art. A subject-matter of the invention is a topical composition comprising, in a physiologically acceptable medium, from 3 to 10% of rucinol or one of its salts. Another subject-matter of the invention is its use in the treatment of disorders of pigmentation of the skin.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1736/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : MODULATION OF TOLL-LIKE RECEPTOR 2 EXPRESSION BY ANTISENSE OLIGONUCLEOTIDES

(51) International classification	:A61K 48/00
(31) Priority Document No	:61/111,143
(32) Priority Date	:04/11/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/063246
Filing Date	:04/11/2009
(87) International Publication No	:WO 2010/053971
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)IDERA PHARMACEUTICALS, INC.**

Address of Applicant :167 SIDNEY STREET, CAMBRIDGE, MA 02139 UNITED STATES OF AMERICA

(72)Name of Inventor :

**1)BHAGAT, LAKSHMI**

**2)PUTTA, MALLIKARJUNA**

**3)KANDIMALLA, EKAMBAR, R.**

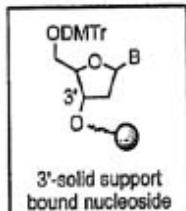
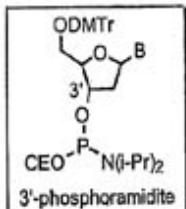
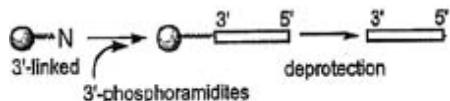
**4)WANG, DAQING**

**5)YU, DONG**

**6)AGRAWAL, SUDHIR**

(57) Abstract :

Antisense oligonucleotide compounds, compositions and methods are provided for down regulating the expression of TLR2. The compositions comprise antisense oligonucleotides targeted to nucleic acids encoding TLR2. The compositions may also comprise antisense oligonucleotides targeted to nucleic acids encoding TLR2 in combination with other therapeutic and/or prophylactic compounds and/or compositions. Methods of using these compounds and compositions for down-regulating TLR2 expression and for prevention or treatment of diseases wherein modulation of TLR2 expression would be beneficial are provided.



No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1738/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PRODUCT MOUNTING SHEET

(51) International classification	:B65B 15/02
(31) Priority Document No	:0821509.7
(32) Priority Date	:25/11/2008
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2009/002710
Filing Date	:20/11/2009
(87) International Publication No	:WO 2010/061172
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1) CADBURY UK LIMITED**

Address of Applicant :PO BOX 12, BOURNVILLE LANE,  
BOURNVILLE BIRMINGHAM, WEST MIDLANDS B30 2LU  
UNITED KINGDOM

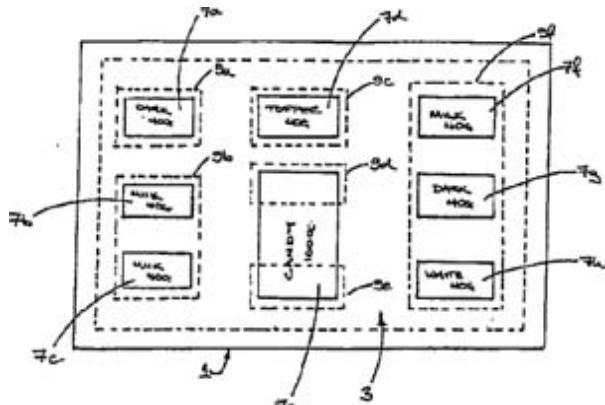
(72)Name of Inventor :

**1) DHADDA, JASWINDER**

**2) MEHENDALE, SAMEER, DATTATRAY**

(57) Abstract :

A product display sheet (1) comprises a display area (3) having a plurality of adhesive areas (7a-7h). Each adhesive area comprises one or more adhesive locations. Each adhesive area is further associated with one or more product identifiers.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :31/03/2009

(21) Application No.573/KOL/2009 A

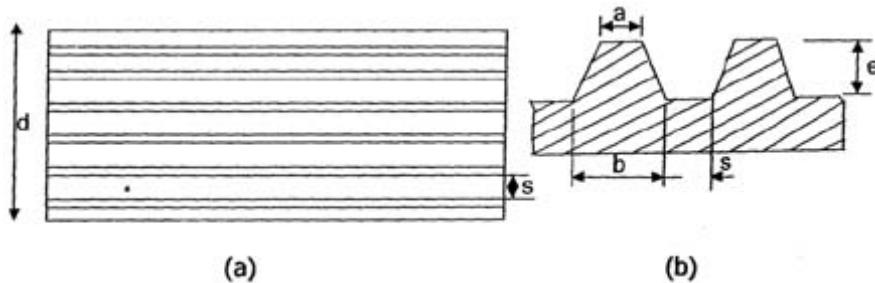
(43) Publication Date : 26/08/2011

(54) Title of the invention : INTERNALLY AXIAL RIBBED TUBE

(51) International classification	:B21C37/20	(71)Name of Applicant :
(31) Priority Document No	:NA	<b>1)TATA STEEL LIMITED</b>
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR
(86) International Application No	:NA	831001 Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	<b>1)VIVEK M. WASEKAR</b>
(61) Patent of Addition to Application Number	:NA	<b>2)O.P. SHARMA</b>
Filing Date	:NA	<b>3)M. GANESAN</b>
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an internally ribbed tube with an inside diameter d, for heat transfer application comprising regularly spaced axial or longitudinal ribs having flat topped trapezoidal cross-section for efficient heat transfer applications in one of a Single phase flow, a two phase flow, a boiling, an evaporation and a condensation, said internal ribs configured by maintaining the device parameters relationship, as given below -  $a/e < 2$  -  $0.66 \leq a/b \leq 0.99$  -  $0.3 < s/e < 20$  -  $0.01 \leq e/d \leq 0.07$  Where, a = top width of the rib b = base width of the rib s = distance between the two consecutive ribs at base e = height of the rib.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1729/KOLNP/2011 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PROCESSOR CONTROLLED OPHTHALMIC DEVICE

(51) International classification	:B29D 11/00,G02C 7/10
(31) Priority Document No	:61/110,213
(32) Priority Date	:31/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2009/061494 :21/10/2009
(87) International Publication No	:WO 2010/051203
(61) 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 & JOHNSON VISION CARE, INC.

Address of Applicant :7500 CENTURION PARKWAY,  
SUITE 100 JACKSONVILLE, FLORIDA 32256 U.S.A.

(72)Name of Inventor :

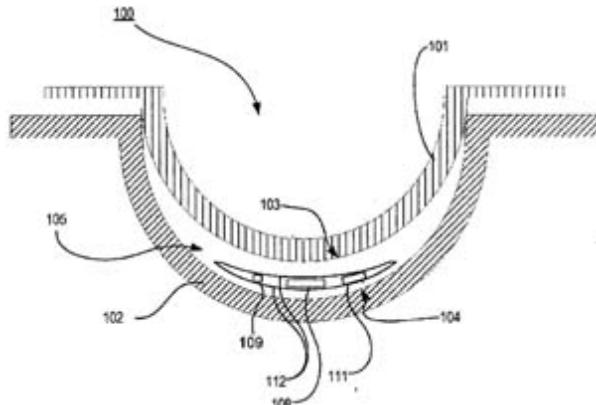
1)RANDALL B. PUGH

2)DANIEL B. OTTS

3)FREDERICK A. FLITSCH

(57) Abstract :

This invention discloses methods and apparatus for providing a media insert with a Data Processor into an ophthalmic lens. An energy source is capable of powering the Data Processor included within the ophthalmic lens. In some embodiments, an ophthalmic lens is cast molded from a silicone hydrogel.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/05/2009

(21) Application No.726/KOL/2009 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : PROCESS OF QUANTIFYING AIR POLLUTANTS CONTRIBUTED BY MULTIPLE SOURCES WITH FACTAL ANALYSIS

(51) International classification	:G06F17/30	(71) <b>Name of Applicant :</b> <b>1)DR. MRINAL K.GHOSE</b> Address of Applicant :DEPARTMENT OF ENVIRONMENTAL SCIENCE AND ENGINEERING, INDIAN SCHOOL OF MINES UNIVERSITY, DHANBAD-826004
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	Jharkhand India
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72) <b>Name of Inventor :</b> <b>1)DR. MRINAL K.GHOSE</b>
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Pollution levels at industrial sites generally are affected not only by activities being carried out at the site itself, but also by activities in surrounding areas. This specification examines the possibility of distinguishing the amounts of pollutants that are being contributed by different sources. As a part of the EIA process, the air pollution control authority must assess the proposed project's actual potential impacts on air quality in and around the surrounding locations. Because of the high levels of air pollution found at the site, the regulatory agency was raising objections to renewing the coal washery's operating license. Washery officials argued that fly ash from the power plant was significantly increasing pollution levels at the washery premises. Such cases are many for many other industries. However, this specification reveals that historically there have been no well-defined guidelines for evaluating such impacts . The drawback within the known art and the object of invention have discussed . In order to resolve these issues, an well designed research has been conducted to invent a noble method of quantifying air pollutants contribution from multiple sources with factual analysis . This specification discusses the essentiality of such invention to assess their impacts on air quality and to take appropriate control measures for sustainability . This specification focuses on the fact that the impacts of pollutants on ambient air quality depend in part on micrometeorological conditions, especially wind velocity and wind direction. Wind direction can change from season to season, and thus can cause air pollutants to disperse to different locations at different times of the year. The research discussed here, we utilized factual analysis techniques based on climatological conditions in order to assess the study project's actual contribution of pollutants to ambient air quality and to evaluate pollutant dispersion within the surrounding area . For real life application of this invention a large coal washery was chosen and implemented successfully. To evaluate the actual contribution of air pollutants by washery and thermal power plant factual analysis techniques were adopted Approach to the selection of air monitoring stations for factual analysis and methodology adopted for air quality survey have been described. Three season data were generated and the status of air pollution has been evaluated. The data were critically analyzed on the basis of changes in wind directions at different seasons, the proportion of ash and volatile matter in washery dust and TPP fly ash, microscopic examination of the SPM by identification of black dust from the coal washery and whitish gray dust from power plant, the actual contribution of pollutants by the washery and thermal power plant were evaluated. The results obtained by different techniques were found to be comparable. This invention provides a sort of fundamental new scientific insight for the determination of actual contribution of air pollutants from different sources in the area , which can be utilized to evaluate their impacts and for taking effective mitigation as well.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/04/2009

(21) Application No.626/KOL/2009 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : INSERT CASTING STRUCTURE

(51) International classification	:F02F1/00
(31) Priority Document No	:2008-118207
(32) Priority Date	:30/04/2008
(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)TEIKOKU PISTON RING CO., LTD.

Address of Applicant :8-1, MARUNOUCHI 1-CHOME,  
CHIYODA-KU, TOKYO 100-0005, JAPAN

2)TEIPI INDUSTRY CO., LTD.

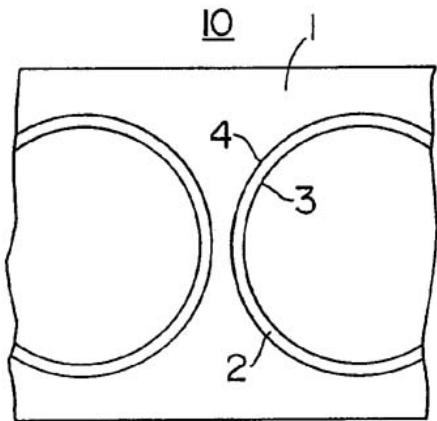
(72)Name of Inventor :

1)SATO, TAKASHI

2)SAITO, GIICHIRO

(57) Abstract :

An insert casting structure includes a cylinder liner made of cast iron and inserted within aluminum alloy through insert casting and having a plurality of projections on an outer circumferential surface of the cylinder liner, wherein when the thickness of a cast iron portion to the base of the projection is set as L1, and the thickness of an integrated piece made up of the cast iron portion and an aluminum alloy portion is set as L2, the thermal conductivity is 35 to 80 W/mK when measured under the condition of  $L1/L2 = 0.45$ .



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2009

(21) Application No.741/KOL/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A NOVEL PARARETROVIRUS BASED HYBRID PROMOTER DNA FRAGMENT

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(51) International classification	:C12Q1/68	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INSTITUTE OF LIFE SCINCES</b>
(32) Priority Date	:NA	Address of Applicant :AN AUTONOMOUS INSTITUTE
(33) Name of priority country	:NA	UNDER DEPARTMENT OF BIOTECHNOLOGY, GOVT. OF
(86) International Application No	:NA	INDIA NALCO SQUARE, CHANDRASEKHERPUR BBSR
Filing Date	:NA	Orissa India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)NRISINGHA DEY</b>
Filing Date	:NA	<b>2)DEEPAK KUMAR</b>
(62) Divisional to Application Number	:NA	<b>3)DIPAK KUMAR SAHOO</b>
Filing Date	:NA	<b>4)I.B. MAITI</b>

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(57) Abstract :

A novel pararetrovirus based hybrid promoter (MSgt-FSgt) developed from the ligation of a up-stream domain containing the activating sequence (AS) of Mirabilis mosaic virus sub-genomic transcript (MMV-Sgt) promoter and another domain containing the TATA box site of Figwort mosaic virus sub-genomic transcript (FMV-Sgt) promoter.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2009

(21) Application No.742/KOL/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : NOVEL SUB-GENOMIC TRANSCRIPT PROMOTER DNA FRAGMENTS AND A METHOD FOR OBTAINING SUB-GENOMIC PROMOTOR DNA FRAGMENTS FOR FIGWORT MOSAIC VIRUS

(51) International classification	:C12Q1/68	(71) <b>Name of Applicant :</b>
(31) Priority Document No	:NA	<b>1)INSTITUTE OF LIFE SCINCES</b>
(32) Priority Date	:NA	Address of Applicant :AN AUTONOMOUS INSTITUTE
(33) Name of priority country	:NA	UNDER DEPARTMENT OF BIOTECHNOLOGY, GOVT. OF
(86) International Application No	:NA	INDIA, NACLO SQUARE, CHANDRASEKHPUR,BBSR Orissa
Filing Date	:NA	India
(87) International Publication No	: NA	(72) <b>Name of Inventor :</b>
(61) Patent of Addition to Application Number	:NA	<b>1)NRISINGHA DEY</b>
Filing Date	:NA	<b>2)RAJIV RANJAN</b>
(62) Divisional to Application Number	:NA	<b>3)ALOK KUMAR</b>
Filing Date	:NA	<b>4)I. B. MAITI</b>

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(57) Abstract :

Novel sub-genomic promoter DNA fragments obtained from Figwort mosaic virus (FMV) wherein said promoters are (i) a Figwort mosaic virus sub-genomic transcript promoter with duplicated enhancer domains (FMV-Sgt3-En-2X) and (ii) a Figwort mosaic virus sub-genomic transcript promoter with triplicated enhancer domains (FMV- Sgt3-En-3X).

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2009

(21) Application No.743/KOL/2009 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : A METHOD FOR LOW COST AUTOMATION OF SUPPORT TRUNION WELDING WITH STEPPED HEADER OF ROTOR POST ASEMBLY

(51) International classification

:F16D51/00

(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

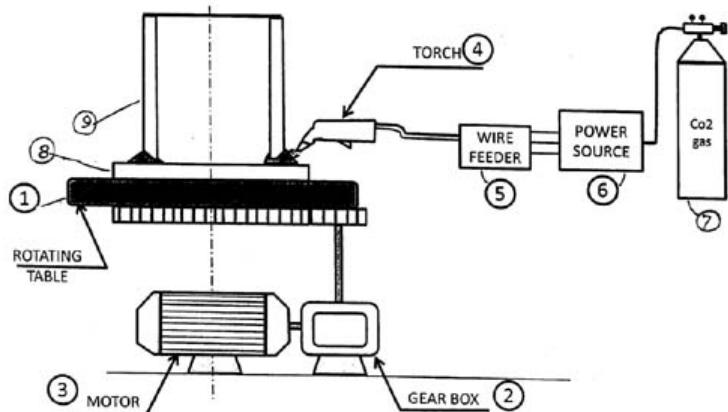
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Filing Date

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(57) Abstract :

A method for low cost automation of support trunion welding with stepped header of rotor post assembly consists of driving a rotating table(1) carrying the support trunion(8) by a gear box (2) and motor (3) to suit the speed required for welding and providing CO2(7) or a mixture of CO2 and Argon gas as shielding medium to a metal inert gas/metal active gas torch (4) when power is supplied by invertor power source (6) and wire is fed by wire feeding unit (5). The flux cored arc welding of support trunion(8) with stepped header is carried out by synchronizing rotating speed of the support trunion (8), the wire feed rate and metal deposition rate.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/05/2009

(21) Application No.745/KOL/2009 A

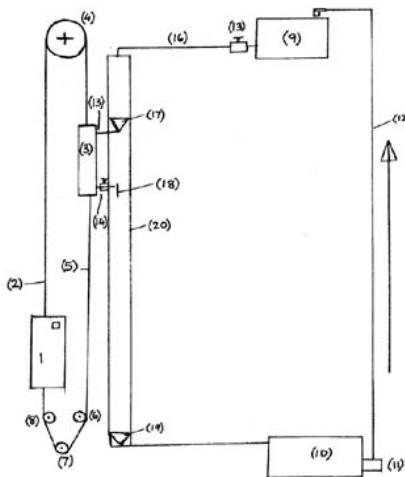
(43) Publication Date : 26/08/2011

(54) Title of the invention : A MODIFIED LIFT OPERATING ON POTENTIAL ENERGY

(51) International classification	:B62M1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AHINDRA CHANDRA CHOWDHURY
(32) Priority Date	:NA	Address of Applicant :B11/11, MANGALIK CO-OP,
(33) Name of priority country	:NA	SOCIETY LTD. KMDA BAGHAJATIN HOUSING COMPLEX
(86) International Application No	:NA	P.O. BOX PANCHASAYAN KOLKATA West Bengal India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)AHINDRA CHANDRA CHOWDHURY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modified lift operating on potential energy comprising a cage (1) suspended from one end of a first rope (2), said rope passing over a pulley (4) and terminating on the top of a variable counter weight (3) and one end of a second rope (5) is tied up at the bottom of the VCW and said rope (5) passing over a first guide pulley (6), one bottom pulley (7), and a second guide pulley (8) and terminating at the bottom of the cage (1); one water tank (10) placed on the base level and a pump (11) is connected to the outlet of tank (10) to lift water from tank (10) through a pipe (12) to a upper storage tank (9) placed at the ceiling level (9); the said variable counter weight VCW (3) is provided with a water inlet (13) and a solenoid valve (14) to control the discharged water via an outlet (18) and is fed to a funnel (19) from where the water return back to lower tank (10); the inlet and outlet pipe of VCW move vertically through a slit of a cylindrical pipe (20); the outlet of the upper storage tank (9) is provided with a solenoid valve (13) through which water is fed to VCW via a pipe (16) and a funnel 17 for filling water and the shaft of the lower pulley is provided with a mechanical spring push brake means.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/05/2009

(21) Application No.730/KOL/2009 A

(43) Publication Date : 26/08/2011

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(54) Title of the invention : A PROCESS FOR SEPARATION OF CARBON DIOXIDE FROM FUEL GASIFICATION AND COMBUSTION PRODUCTS USING AMMONIA ABSORPTION AND REGENERATION BY A THERMAL PROCESS

(51) International classification	:C10J3/02	(71) <b>Name of Applicant :</b> <b>1)BHARAT HEAVY ELECTRICALS LIMITED</b> Address of Applicant :REGIONAL OPERATIONS DIVISION (ROD), PLOT NO: 9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFIVE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049 India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for separation of carbon dioxide from fuel gas and flue gas combustion products using ammonia absorption comprising the steps of entering the fuel or flue gas (10) through a heat exchanger (1) for releasing heat and discharging from the heat exchanger (1), the fuel or flue gas enters to a gas cooling scrubber (2) for further cooling with water (30) to increase ammonia absorption efficiency and leaving from the gas cooling scrubber (2), the fuel or flue gas (10) enters to a carbon dioxide absorber (3) wherein the CO<sub>2</sub> in the fuel or flue gas reacts with ammonia solution to form ammonium carbonate solution (20) and washing fuel or flue gas with water after step (c) in a ammonia wash scrubber (4) for washing out traces of ammonia carried over by the fuel or flue gas with water to convert to ammonia solution (40) and leaving carbon dioxide free gas (50) from the ammonia wash scrubber (4) through the stack characterised in that said ammonia dissolves with water converts into alkaline ammonium hydroxide that reacts with carbon dioxide of fuel or flue gas forming ammonium bicarbonate solution leaving carbon dioxide free gas.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2009

(21) Application No.757/KOL/2009 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : INTERMEDIATE PRESSURE (IP) INNER CASING SUITABLE FOR A SINGLE CYLINDER MEDIUM CAPACITY REHEAT CONDENSING

(51) International classification

:F01K21/00

(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

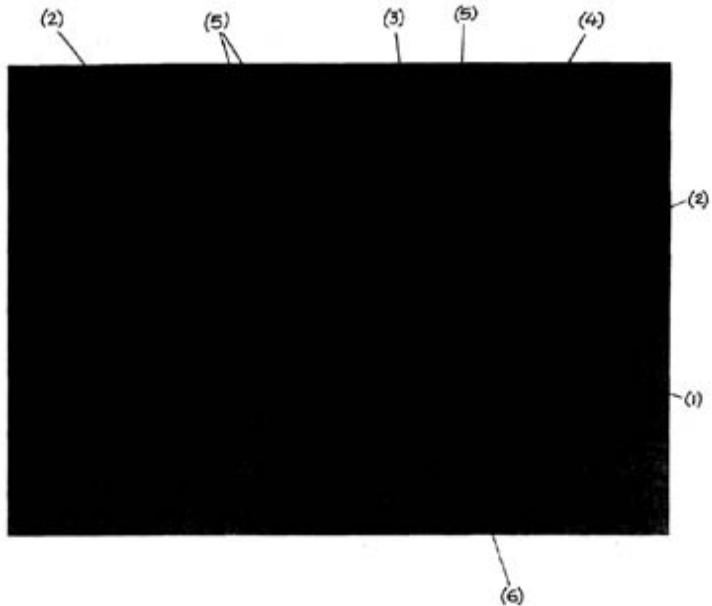
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Filing Date

:NA

(57) Abstract :

An intermediate pressure inner casing (1) suitable for a single cylinder medium capacity reheat condensing turbine comprises a casting assembly consisting of two halves (upper & lower) having a horizontal parting line with two sets of paws (5,5), one at front end and the other at rear end, for vertically supporting the two parts and; lower half provided with reheat stream inlet pipes (2,2) disposed at two opposite sides of the inner casing (1) for admitting the reheat stream into turbine; and inlet pipes (2,2) of inner casing (1) which open into an annular chamber (3) for proper mixing wherein an extended conical volume is provided for holding reaction blading (4) which is adjacent to the annular chamber (3); and the inner casing is axially located by a circular web characterised in that reheat stream enters through the inlet pipes (2,2) and flows into the reaction blading via said annular chamber (3) for operating the turbine.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/05/2009

(21) Application No.766/KOL/2009 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AN IMPROVED WELDING ELECTRODE HOLDER ADAPTABLE TO NARROW GAP WELDING APPLICATIONS IN THE PROCESS OF MANUAL METAL ARC WELDING

(51) International classification	:B23K9/10
(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)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGIONAL OPERATIONS  
DIVISION (ROD), PLOT NO: 9/1, DJ BLOCK 3RD FLOOR,  
KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,  
HAVING ITS REGISTERED OFFIVE AT BHEL HOUSE, SIRI  
FORT, NEW DELHI - 110049, INDIA.

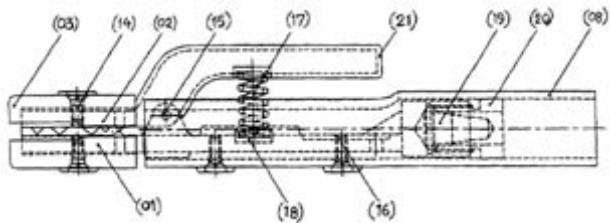
(72)Name of Inventor :

1)SANNASI KARUPPIAH

2)RAMIAH MAHENDRAVEL

(57) Abstract :

The invention relates to an improved welding electrode holder adaptable to narrow gap welding applications in the process of manual metal arc welding, comprising an electrode holder body including a bottom jaw (01) forming a first single component; a metallic lever including a top jaw (02) forming a second single component; the electrode holder body comprising a first through hole, and the metallic lever having a second through hole, a holding means (15) being inserted between the first and the second through holes enabling alignment and synchronized play of the electrode holder; a first blind hole configured at a location consisting the middle position of the holder body of the first single component (01), wherein a second blind hole corresponding configured on the second single component (02), the first blind hole accommodating a modified spring retainer (18) for mounting a modified compression spring (17), wherein the second blind hole accommodating a modified spring retainer (18) allowing the mounting of the modified compression spring (17); and a modified taper plug (19) disposed on the bottom jaw body (01), and a modified fastening means (20) provided for connecting the welding cable with the electrode holder such that an electrode is held between the upper and lower jaws (01, 02) by the force of the compression spring (17).



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/05/2009

(21) Application No.749/KOL/2009 A

(43) Publication Date : 26/08/2011

(54) Title of the invention : AN IMPROVED DEVICE OF GATE TESTING TO TEST OPERATIONAL PARAMETERS OF POWER PLANT

(51) International classification	:E21F13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
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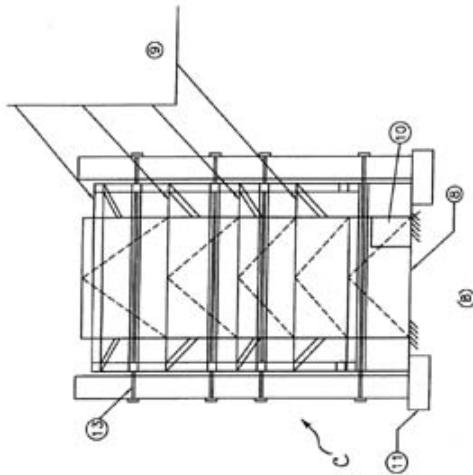
**4)KANNIAPPAN PALANI**

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**6)CHIDAMBARAM PETHA PERUMAL**

**(57) Abstract :**

An improved device of gate testing consists of a fabricated cubical structure (C) erected on the concrete foundation (B). Levelled filters'bars (11) are erected on the floor for ensuring the verticality of the gates (12). Inspection platforms are provided at different elevations for easy approach. Rigid fabricated clamps (13) fixes the gates (12) at different elevation. Four gates (12) are mounted in four sides of the structure (C) wherein the base rests on the leveled filters'bars (11). The gates (12) are clamped rigidly at three levels with two clamps at each level for each gate. Four gates are tested simultaneously when one crane operates only for mounting and dismantling operations of four gates (12). An electrical control room (10) is provided at the bottom of the structure (C).



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(54) Title of the invention : AN ADAPTER-SENSOR UNIT FOR ONLINE MONITORING OF HV BUSHING CONDITION

(51) International classification	:G01R15/16
(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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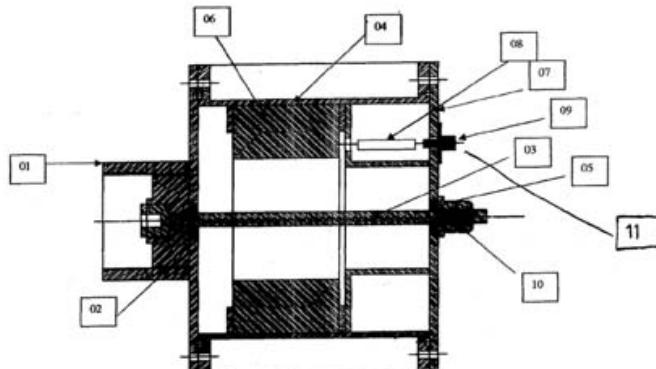
**2)RAM NIWAS PARMAR**

**3)ANUGULA BHOOORIAH**

**4)MRITUNJAY KUMAR**

**(57) Abstract :**

This invention relates to an adapter-sensor online monitoring system to identify a faulty bushing used in a bush-bank adaptable to high voltage transformer or reactor. The system comprising a measuring device having an adapter (01) which is releasable and attachable to a bushing tap, an insulation support (02) fixed inside the adapter (01), a conductor (03) centrally disposed on the insulation support (02), a first end of the conductor being fixable on the bushing tap such that the conductor is enabled to establish a connection with the bushing tap on exertion of a pressure while the adapter (01) is fixed on the bushing tap. The conductor (03) passes through a metal housing (04) and insulated by disposing at least two insulating bush (05) in the metal housing (04) which ensures that the bushing current flows via the conductor (03). A non contact type sensor (06) and disposed into a measurement housing (07), the sensor being capable to acquire current data of a magnitude of tens of mili-amperes. A BNC connector (09) is disposed at the output point of the measurement housing (07), and a filter circuit (08) connected at the output (09) to ensure that the output voltage exactly maintained at 50Hz AC. The central conductor kept in position by two nuts (10).



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

**PUBLICATION U/R 84 (3) IN RESPECT OF APPLICATION FOR  
RESTORATION OF PATENTS (MUMBAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment ) Rules, 2006.

	Application Nos.	Patent No.	Applicants	Title	Date on Which Patent Ceased	Date of Publication U/R 84(3)	Appropriate Office
1	89/MUM/2004	207612	MADHUKAR BANSILAL PARDESHI	ROCKING TABLE TO FACILITATE CHILD BIRTH FOR PREGNANT WOMAN	29/01/2010	05/08/2011	MUMBAI
2	444/BOM/1998	190668	TDW DELAWARE INC	A MULTI LIP CUP AND A PIPELINE PIG INCORPORATING THE SAME	10/07/2010	05/08/2011	MUMBAI

**PUBLICATION U/R 84 (3) IN RESPECT OF APPLICATION FOR  
RESTORATION OF PATENTS (CHENNAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment ) Rules, 2006.

PATENT NUMBER	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIATE OFFICE
183018	M/S. PARDIES ACETIQUES	PROCESS FOR THE PREPARATION OF CARBOXLIC ACIDS OR THE CORRESPONDING ESTERS IN THE PRESENCE OF A CATALYST BASED ON IRIDIUM	05/10/2009	CHENNAI
183019	M/S. PARDIES ACETIQUES	PROCESS FOR THE PREPARATION OF CARBOXYLIC OR THE CORRESPONDING ESTERS IN THE PRESENCE OF A CATALYST BASED ON RHODIUM AND IRIDIUM	05/10/2009	CHENNAI

**PUBLICATION U/R 84 (3) IN RESPECT OF APPLICATION FOR  
RESTORATION OF PATENTS (KOLKATA)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment ) Rules, 2006.

Serial No.	Application Nos.	Patent No.	Applicants	Title	Date on Which Patent Ceased	Date of Publication U/R 84(3)	Appropriate Office
1	1684/KOLNP/2004	228112	DIZAYN TEKNIK PLASTIC BORU VE ELEMANLARI SANAYI VE TICARET A.S.	A DEVICE FOR REVERSE IONTOPHORESIS USING A CONSTANT DIRECT CURRENT POWER SUPPLIER AND OPTIMAL CONDITIONS TO DETERMINE OR PREDICT SOLELY THE HUMAN BLOOD UREA LEVEL FROM PRE DETERMINE CONTACT AREA		26/08/2011	KOLKATA
2	IN/PCT/2001/254/KOL	200697	JACOBSON JERRY I	MAGNETIC FIELD GENERATING DEVICE AND METHOD OF GENERATING AND APPLYING A MAGNETIC FIELD FOR TREATMENT OF SPECIFIED CONDITIONS		26/08/2011	KOLKATA

**Publication Under Section 43(2) in Respect of the Grant**

**Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.**

Ser ial Nu mber	Patent Numbe r	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Approp riate Office
1	248754	1299/DELNP/2005	14/10/2003	22/10/2002	A CONTAINER	BAXTER INTERNATIONAL INC., BAXTER HEALTHCARE S.A.,	13/02/2009	DELHI
2	248767	5672/DELNP/2006	08/03/2005	08/03/2005	HANDLE FOR A SHAVING RAZOR WITH A RELEASE BUTTON	THE GILLETTE COMPANY	14/09/2007	DELHI
3	248770	1557/DELNP/2005	05/09/2003	21/10/2002	AN IMPROVED DISPOSABLE PLATE	SOLO CUP COMPANY	20/03/2009	DELHI
4	248772	555/DEL/2004	22/03/2004		AN IMPROVED DEVICE FOR PNEUMATIC EXTRUSION OF DOUGH INTO SHEET OR STRANDS	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	26/05/2006	DELHI
5	248779	2845/DEL/2005	25/10/2005		A NOVEL IRON-POLY[3-OCTYLTHIOPHENE] (FE-P3OT) NANOCOMPOSITE MATERIAL AND A PROCESS FOR THE PREPARATION THEREOF	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH	02/10/2009	DELHI
6	248780	4028/DELNP/2004	11/07/2003	12/07/2002	A METHOD OF SUBJECTING CARBON FIBER PREFORMS TO HIGH TEMPERATURE HEAT TREATMENT AND TO DENSIFICATION	MESSIER-BUGATTI	04/12/2009	DELHI
7	248781	2342/DEL/2004	22/11/2004		A PROCESS FOR PREPARATION OF POLYTHIOL	SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH	25/08/2006	DELHI
8	248783	1342/DELNP/2004	14/11/2002	14/11/2001	PROCESS FOR PRODUCING OPTICALLY ACTIVE (E)-7-[2-CYCLOPROPYL-4(4-FLUOROPHENYL)QUINOLIN-3-YL]-5-HYDROXY-3-OXOHEPT-6-ENOIC ACID] ESTER	NISSAN CHEMICAL INDUSTRIES LTD.	08/01/2010	DELHI
9	248784	2507/DEL/2004	16/12/2004		DEVELOPMENT OF HARBAL NUTRITIOUS CHOCAEATE AND ITS PROCESSING	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	03/11/2006	DELHI
10	248785	696/DEL/2005	30/03/2005	13/04/2004	ELECTROLYTIC METHOD FOR PRODUCING BOROHYDRIDE	ROHM AND HAAS COMPANY	01/12/2006	DELHI

11	248788	3761/DELNP/2007	11/11/2005	26/11/2004	PROCESS FOR THE PREPARATION OF A CATALYST COMPONENT FOR THE POLYMERISATION OF AN OLEFIN	SAUDI BASIC INDUSTRIES CORPORATION	24/08/2007	DELHI
12	248792	463/DELNP/2004	06/08/2002	27/08/2001	A CACHING INPUT/OUTPUT SYSTEM	INTEL CORPORATION	10/03/2006	DELHI
13	248793	1891/DEL/2004	30/09/2004		A PROCESS FOR THE PREPARATION OF PHYTASE FROM JACKFRUIT SEED POWDER USING ASPERGILLUS FICCUM.	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	08/09/2006	DELHI
14	248794	4656/DELNP/2005	22/03/2004	01/05/2003	A COMPOSITION CONTAINING L-LACTIC ACID OR L-LACTATE AND USES THEREOF	INNOGENE KALBIOTECH PTE LTD	28/09/2007	DELHI
15	248796	1535/DEL/2004	18/08/2004		AN ANALGESIC PREPARATION CONTAINING MORPHINE AND NIMODIPINE AND A PROCESS FOR PREPARATION THEREOF	ALL INDIA INSTITUTE OF MEDICAL SCIENCE	18/08/2006	DELHI
16	248798	3011/DEL/2005	10/11/2005		HYDROPHOBICALLY MODIFIED POLY (ACRYLIC ACID) [PAA] AND PREPARATION THEREOF	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH	02/10/2009	DELHI

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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	189015	685/BOM/1998	08/11/1995		ROTARY DAMPING SYSTEM FOR CONTROLLING OSCILLATIONS OF AUTOMATIC OUTFLOW REGULATING GATE.	PRABHAKAR DAMODAR GODBOLE	10/10/1998	MUMBAI
2	193468	61/MUM/2002	23/01/2002		A ROTARY TILLING DEVICES	SUDHIR VASANT MEHTA	10/10/1998	MUMBAI
3	248761	1529/MUMNP/2007	13/03/2006	14/03/2005	APPARATUS AND METHODS FOR PRODUCT ACCEPTANCE TESTING ON A WIRELESS DEVICE	QUALCOMM INCORPORATED	09/11/2007	MUMBAI
4	248766	253/MUM/2007	09/02/2007 16:43:50	24/02/2006	METHOD OF GRANTING CONTROL OF DEVICE AND DEVICE USING THE METHOD	SAMSUNG ELECTRONICS CO., LTD.	26/09/2008	MUMBAI
5	248769	617/MUMNP/2005	22/12/1999	30/12/1998	BRANCHED/BLOCK COPOLYMERS FOR TREATMENT OF KERATINOUS SUBSTRATES	LUBRIZOL ADVANCED MATERIALS, INC.	21/10/2005	MUMBAI
6	248771	1541/MUM/2005	13/12/2005		PROCESS FOR PREPARATION OF 4-CHLORO,4' - HYDROXY BENZOPHENONE	GHARDA CHEMICALS LTD	27/07/2007	MUMBAI
7	248774	391/MUM/2005	31/03/2005		A JOSS STICK AND A METHOD OF MAKING THE SAME	RAMAKANT RAJARAM GAIKWAD	06/04/2007	MUMBAI
8	248775	958/MUM/2005	17/08/2005		PROCESS FOR THE PREPARATION OF QUINOPHTHALONE PIGMENT	GHARDA CHEMICALS LTD.	20/07/2007	MUMBAI
9	248777	775/MUM/2004	21/07/2004		PHARMACEUTICAL COMPOSITION CONTAINING COMBINATION OF PROTON PUMP INHIBITOR WITH MODIFIED RELEASE DOMPERIDONE	MACLEODS PHARMACEUTICALS LIMITED	26/01/2007	MUMBAI

10	248778	682/MUM/2004	25/06/2004		IMPROVED PROCESS FOR THE PREPARATION OF RIVASTIGMINE	TORRENT PHARMACEUTICALS LIMITED	16/06/2006	MUMBAI
11	248789	1599/MUMNP/2007	13/03/2006	11/03/2005	SYSTEMS AND METHODS FOR REDUCING UPLINK RESOURCES TO PROVIDE CHANNEL PERFORMANCE FEEDBACK FOR ADJUSTMENT OF DOWNLINK MIMO CHANNEL DATA RATES	QUALCOMM INCORPORATED	09/11/2007	MUMBAI
12	248791	1572/MUMNP/2007	17/03/2006	17/03/2005	METHOD AND SYSTEM FOR OPTIMIZING TRANSLATION LOOKASIDE BUFFER ENTRIES	QUALCOMM INCORPORATED	16/11/2007	MUMBAI

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Ser ial Nu mber	Patent Number	Application Number	Date of Applicatio n	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriat e Office
1	248744	300/CHE/2006	24/02/2006 14:37:37		MULTI FUNCTIONAL VEHICLE DATA RECORDER	M/s. BHARAT EARTH MOVERS LTD	13/04/2007	CHENNAI
2	248745	2218/CHENP/2004	09/04/2003	09/04/2002	DIRECT CURRENT OFFSET CANCELLATION FOR MOBILE STATION MODEMS USING DIRECT CONVERSION	QUALCOMM INCORPORATED	07/09/2007	CHENNAI
3	248746	5157/CHENP/2007	17/04/2006	15/04/2005	A METHOD FOR DETECTING AND/OR CLASSIFYING HEPATOCELLULAR OR COLORECTAL CELL PROLIFERATIVE DISORDERS AND A KIT FOR PERFORMING THE METHOD	EPIGENOMICS AG	27/06/2008	CHENNAI
4	248747	178/CHE/2007	29/01/2007 16:42:36		A VALVE GEAR BOX	AUDCO INDIA LIMITED	28/11/2008	CHENNAI
5	248748	1881/CHENP/2004	25/02/2003	28/02/2002	METHOD AND DEVICE FOR CONTROL OF A UNIT FOR REPRODUCTION OF AN ACOUSTIC FIELD	BRUNO, Remy, LABORIE, Arnaud, MONToya, Sebastien	23/06/2006	CHENNAI
6	248749	2171/CHENP/2004	27/03/2003	03/04/2002	"3G MEASUREMENTS IN PBCCH CELL IN DEDICATED GSM MODE"	QUALCOMM INCORPORATED	03/03/2006	CHENNAI
7	248750	4797/CHENP/2007	27/11/2003	27/11/2002	VACCINE COMPOSITION AND ADJUVANT CONTAINING PROTEOLIPIDIC COCHLEAR STRUCTURES	INSTITUTO FINLAY, CENTRO DE INVESTIGACION - PRODUCCION DE	21/03/2008	CHENNAI
8	248751	2251/CHENP/2007	24/11/2005	25/11/2004	METHOD FOR INCREASING SEED YIELD AND A CONSTRUCT FOR THE SAME	CROPDESIGN N.V	07/09/2007	CHENNAI
9	248752	158/CHENP/2007	14/06/2005	14/06/2004	POLYNUCLEOTIDES AND POLYPEPTIDES INVOLVED IN PLANT FIBER DEVELOPMENT AND METHODS OF USING SAME	EVOGENE LTD	24/08/2007	CHENNAI

10	248753	2408/CHENP/2005	24/02/2004	27/02/2003	MODIFIED NITRILASES AND THEIR USE IN METHODS FOR THE PRODUCTION OF CARBOXYLIC ACIDS	BASF AKTIENGESELLSCHAFT	31/08/2007	CHENNAI
11	248755	534/CHENP/2007	06/08/2005	06/08/2004	AN ISOLATED XYLANASE ENZYME	NOVOZYMES A/S	24/08/2007	CHENNAI
12	248756	2999/CHENP/2007	06/12/2005	06/12/2004	METHOD OF GROWING BACTERIA TO DELIVER BIOACTIVE COMPOUNDS TO THE INTESTINE OF RUMINANTS	SAGE BIOSCIENCES INC	05/10/2007	CHENNAI
13	248757	4956/CHENP/2007	03/05/2006	04/05/2005	POLYPEPTIDE ADAPTED FOR USE IN ANIMAL FEED	ADISSEO FRANCE S.A.S.	11/01/2008	CHENNAI
14	248758	1754/CHENP/2007	20/10/2005	27/10/2004	VIROSOME PARTICLES COMPRISING ANTIGENS FROM INFLUENZA VIRUS AND HEPATITIS B VIRUS	CRUCELL SWITZERLAND AG	31/08/2007	CHENNAI
15	248759	4115/CHENP/2007	20/03/2006	18/03/2005	POLYPEPTIDES HAVING ANTIMICROBIAL ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME	NOVOZYMES ADENIUM BIOTECH A/S	16/11/2007	CHENNAI
16	248760	44/CHENP/2007	05/07/2005	05/07/2004	ALPHA-AMYLASE VARIANTS WITH ALTERED PROPERTIES	NOVOZYMES A/S	17/08/2007	CHENNAI
17	248765	3459/CHENP/2007	17/01/2006	07/02/2005	AROMATIC AMINE DERIVATIVE AND ORGANIC ELECTROLUMINESCENT DEVICE USING SAME	IDEMITSU KOSAN CO., LTD	16/11/2007	CHENNAI
18	248768	1077/CHE/2005	05/08/2005	27/08/2004	INTAKE APPARATUS FOR VEHICLE	HONDA MOTOR CO., LTD.	03/08/2007	CHENNAI
19	248773	1044/CHENP/2005	29/10/2003	29/10/2002	A MUTATED RICIN A CHAIN TOXIN	BOARD OF REGENTS , THE UNIVERSITY OF TEXAS SYSTEM	27/07/2007	CHENNAI
20	248776	678/CHE/2003	26/08/2003		A SYSTEM AND A METHOD OF REMOVAL OF CONDENSED WATER FROM BLOOD BAG SYSTEM	TERUMO PENPOL LIMITED	23/02/2007	CHENNAI
21	248782	689/CHENP/2006	17/06/2004	29/07/2003	BOTTLE FOR DISPENSING TWO LIQUIDS	RECKITT BENCKISER (UK) LIMITED	22/06/2007	CHENNAI
22	248790	90/CHE/2003	03/02/2003	05/02/2002	DUPLEX STAINLESS STEEL FOR UREA MANUFACTURING PLANTS	SUMITOMO METAL INDUSTRIES LTD,TOYO ENGINEERING CORPORATION	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	248762	2337/KOLNP/2007	01/03/2006	01/03/2005	A MODULE-BASED OXY-FUEL BOILER SYSTEM FOR PRODUCING STEAM FROM WATER	JUPITER OXYGEN CORPORATION	17/08/2007	KOLKATA
2	248763	1573/KOL/2007	21/11/2007 15:34:33	23/01/2007	A POSITIVE CRANKCASE VENTILATION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/04/2009	KOLKATA
3	248764	1007/KOLNP/2006	20/08/2004	24/09/2003	A METHOD AND RADIO BASE STATION FOR REDUCING SHARED DOWNLINK RADIO CHANNEL INTERFERENCE BY TRANSMITTING TO MULTIPLE MOBILES USING MULTIPLE ANTENNA BEAMS	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	20/04/2007	KOLKATA
4	248786	1488/KOLNP/2003	22/02/2002	25/05/2001	METHOD FOR DETERMINING IF ONE AUDIO SIGNAL IS DERIVED FROM ANOTHER AUDIO SIGNAL OR IF, TWO AUDIO SIGNALS ARE DERIVED FROM THE SAME AUDIO SIGNAL USING CHARACTERIZATIONS BASED ON AUDITORY EVENTS	DOLBY LABORATORIES LICENSING CORPORATION	10/03/2006	KOLKATA
5	248787	342/KOLNP/2006	10/08/2004	25/08/2003	FLOOR SPRING	DORMA GMBH + CO. KG	16/03/2007	KOLKATA

***CONTINUED TO PART- 2***