पेटेंट कार्यालय
का
शासकीय जर्नल

OFFICIAL JOURNAL
OF
THE PATENT OFFICE

निर्गमन सं. **45/2013**	शुक्रवार	दिनांक: 08/11/2013
ISSUE NO. 45/2013	**FRIDAY**	**DATE:** 08/11/2013

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

8th NOVEMBER, 2013

CONTENTS

THE PATENT OFFICE
KOLKATA, 08/11/2013
Address of the Patent Offices/Jurisdictions

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

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

Website: www.ipindia.nic.in
www.patentoffice.nic.in

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

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

पेटेंट कार्यालय
कोलकाता, दिनांक 08/11/2013
कार्यालयों के क्षेत्राधिकार के पते

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

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

वेबसाइट: http://www.ipindia.nic.in
www.patentoffice.nic.in

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

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

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

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.1568/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 08/11/2013

(54) Title of the invention : A NOVEL BEACON-BASED DIAGNOSTIC PROBE/TOOL/KIT FOR DETECTION OF TRANSLOCATION 8;21 IN ACUTE MYELOID LEUKEMIA PATIENTS AND METHOD OF WORKING FOR THE SAME

(51) International classification	:G01N	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)UNION OF INDIA THROUGH SECRETARY DBT**
(32) Priority Date	:NA	Address of Applicant :CGO COMPLEX, NEW DELHI India
(33) Name of priority country	:NA	**2)UNIVERSITY OF DELHI THROUGH REGISTRAR**
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)PROF. DR DAMAN SALUJA**
(87) International Publication No	: NA	**2)MS. RASHI ARORA**
(61) Patent of Addition to Application Number	:NA	**3)MS. SUNITA JETLY**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The invention relates to the field of cancer diagnosis and the application of diagnostic techniques in pathology and hematology. Specifically, the invention relates to detection of chromosomal abnormalities and is in particular directed towards an oligonucleotide-based diagnostic probe/tool/kit for the detection of translocation (8; 21) found in Acute Myeloid Leukemia patients. The invention focuses on making use of the nucleic acid hybridization techniques for an easy, quicker and efficient detection of the chromosomal translocation from clinical sample by employing beacon based oligonucleotide probe specific for the transcribed regions on both sides of the junction formed in the fusion gene formed after translocation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2013

(21) Application No.1569/DEL/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A NEW FLUORESCENT BEACON PROBE DIAGNOSTIC TOOL/KIT FOR MILECULAR DETECTION OF TRANSLOCATION T(9;22)/BCR-ABL1 IN LEUKEMIC PATIENTS AND METHOD OF WORKING FOR THE SAME

(51) International classification :C12Q
(31) Priority Document 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)UNION OF INDIA THROUGH SECRETARY DBT
Address of Applicant :CGO COMPLEX, NEW DELHI India
2)UNIVERSITY OF DELHI THROUGH REGISTRAR
(72)**Name of Inventor :**
1)PROF. DR DAMAN SALUJA
2)MS. SUNITA JETLY
3)MS. RASHI ARORA

(57) Abstract :
The present invention provides method for detecting chromosomal abnormalities in leukemic patients and particularly uses nucleic acid hybridization technique for detection of BCR-ABLl translocation/ t(9;22)(q34;qll) or the so called Philadelphia chromosome which is found in 95% of Chronic Myeloid Leukemia ,15-20% acute lymphoid leukemia and 5% of Acute Myeloid Leukemia patients . The invention focuses on an easy, inexpensive/pocket friendly, rapid and efficient detection of commonly found b2a2 transcript (RNA) of BCR-ABLl from peripheral venous blood of leukemia patients by using beacon based oligonucleotide fluorescent probe which detects the transcribed regions on both sides of the junction formed in the fusion gene upon translocation.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.3010/DEL/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : FLOORING TO CONVERT PRESSURE EXERTED BY PEDESTRAINS INTO ROTATION AND FURTHER INTO ELECTRICITY.

(51) International classification :F03G
(31) Priority Document 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)SACHIN KHANDELWAL
Address of Applicant :C-46, JAMUNA NAGAR, AJMER ROAD, SODALA, JAIPUR-302006 Rajasthan India
(72)**Name of Inventor :**
1)SACHIN KHANDELWAL

(57) Abstract :
A device that can convert pressure and small displacement into rotation which can be utilized to generate electricity with the help of A.C./D.C. generator. This instrument can be used as flooring at the places where frequency and number of people walking over is high as corridors of buildings, platforms of railway/metro stations, footpaths etc. Our population is our greatest assest and this instrument is a eco friendly technology which can become a great source of electricity in the present time of energy crisis. The materials, construction and set up of the instrument is easy and cost effective. It consists of light, heavy duty frame, rotating gears, displacing parts, rotating free wheels/ratchets and a common rod. The machine assembly consist of a number of similar instruments connected to produce combined torque and RPM (Power) which is used to rotate the armature of A.C./D.C. generator

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/10/2013

(21) Application No.3029/DEL/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : NVX CHANGE

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VIDUSHI
Address of Applicant :839, PATIALA HOUSE,COURT, NEW DELHI India
(72)**Name of Inventor :**
1)NEEREN TEWARI
2)VIRAJ LAMBA

(57) Abstract :
NVXchange is a comprehensive sales and marketing concept to enable marketers easily devise their price offers and effectively communicate them to their target customers through a software which uses a remote control devise over a network or pre programmed modules. This is a creation of a mock exchange like setup in a retail outlet using various display options like Televisions/LCDs/LEDs/Tickers/projection screen, in an outlet or the particular screen on a website through the use of various softwares for display/POS/accounting/MMS and customised as per the operating procedure.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.2268/MUM/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : GENERATING ELECTRICITY FROM SOLAR ENERGY WHEN SUN LIGHT IS NOT AVAILABLE.

(51) International classification	:F24J2/00, F03G6/00
(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)BELSARE DILIP SHRIKRISHNA
Address of Applicant :D-9, KASTURBA HSG SOCIETY, VISHRANTWADI, PUNE 411 015, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)BELSARE DILIP SHRIKRISHNA

(57) Abstract :
This Patent is for generating electricity from solar energy. Please see drawing Nol. Solar rays are collected and made concentrated at focal point of solar concentrator. At focal point/line huge heat is generated, this heat is transferred to boiler by insulated copper tubes coil No 2 in the boiler. At boiler high pressure is developed, this pressure is used to create some mechanical movement of piston NolO. This piston is connected to Hydraulic Jack No 11. The jack compresses very high capacity coil spring placed on piston of cylinder Nol2 and retained at compressed position by lock fixed on the piston ram. In the compressed position of spring mechanical energy is stored. And in the compression zone of cylinder water is stored; when we release the lock 15, piston create pressure on the water stored. This water under pressure is used to run Pelton wheel there by generating electricity.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2012

(21) Application No.3406/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF BIO-ETHANOL FROM LIGNOCELLULOSIC MATERIALS.

(51) International classification :C13K13/00
(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)MEENOTI MUKESH PATEL
Address of Applicant :603, SILVER COURT, BEHIND BPS PLAZA, DEVI DAYAL ROAD, MULUND WEST- 400 080, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)MEENOTI MUKESH PATEL
2)MUKESH JAWAHARLAL PATEL
3)POONAM MOHAN KADAV
4)NIDHEESH MUKESH PATEL

(57) Abstract :
The present invention provides a method for producing Bio-ethanol from Lignocellulosic materials. The method comprises the steps of (i) Homogenization of the sugarcane bagasse to obtain a homogenized bagasse powder; (ii) Optional soaking the homogenised bagasse powder; (iii) Hydrolysis of the homogenised powdered bagasse: (iv) Filtration of the hydrolysate; (v) Distillation of pentose rich filtrate; (vi) Fermentation of the concentrated pentose rich liquid phase; (vii) Hydrolysis of hexose rich residue; (viii) Fermentation of the hexose rich filtrate; (ix) Distillation of fermentation broth and (x) Drying of the lignin rich residue.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.2951/KOLNP/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR THE SUSTAINABLE COOLING OF INDUSTRIAL PROCESSES

(51) International classification :E01H1/08
(31) Priority Document No :61/469,526
(32) Priority Date :30/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051229
Filing Date :12/09/2011
(87) International Publication No :WO 2012/134525 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)CRYSTAL LAGOONS (CURACAO) B.V.
Address of Applicant :KAYA W.F.G.(JOMBI) MENSING 14 CURACAO NETHERLANDS
(72)**Name of Inventor :**
1)FISCHMANN T., FERNANDO

(57) Abstract :
A method and system for treating water, and using the treated water for the cooling of industrial processes is disclosed. The water is treated and stored in a large container or artificial lagoon, has high clarity and high microbiological quality. A system of the invention generally includes a containing means, such as a large container or artificial lagoon, a coordination means, a chemical application means, a mobile suction means, and a filtration means. The coordination means monitors and controls the processes in order to adjust water quality parameters within specified limits. The large container or artificial lagoon can act as a heat sink, absorbing waste heat from the industrial cooling process, thus creating thermal energy reservoirs in a sustainable manner, which can be later used for other purposes. The method and system can be used in any industrial cooling system with any type of water available, including fresh water, brackish water, and seawater.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013
(21) Application No.2952/KOLNP/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SUSTAINABLE METHOD AND SYSTEM FOR TREATING WATER BODIES AFFECTED BY BACTERIA AND MICROALGAE AT LOW COST

(51) International classification :C02F1/00
(31) Priority Document No :61/469,548
(32) Priority Date :30/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051244
Filing Date :12/09/2011
(87) International Publication No :WO 2012/134527 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)CRYSTAL LAGOONS (CURACAO) B.V.
Address of Applicant :KAYA W.F.G.(JOMBI) MENSING 14 CURACAO NETHERLANDS
(72)**Name of Inventor :**
1)FISCHMANN T., FERNANDO

(57) Abstract :
A system for treating and maintaining bodies of water for low density recreational use is disclosed. A system of the invention generally includes containing means, coordination means, chemical application means, non-intrusive mobile suction means, and filtration means. The coordinating means can receive information regarding controlled water quality parameters, and can timely activate the processes necessary to adjust the water quality parameters within their respective limits. The disclosed system filters only a small fraction of the total water volume, up to 200 times less per day than the flow filtered by conventional swimming pool filtration systems. The disclosed methods and system also use less chemicals than conventional swimming pool water treatment systems. The system of the present invention can be used to treat recreational water bodies and provide sustainable methods for producing water that meets Environmental Protection Agency (EPA) requirements for recreational water, for bathing with full body contact.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2013
(21) Application No.1131/KOL/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : IMPLANTABLE SILK-GOLD NANOPARTICLE COMPOSITE NERVE GUIDE AND THE METHOD OF PREPARING THE SAME.

(51) International classification :A61F2/00
(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)BORA UTPAL
Address of Applicant :QTR. NO-E50, IIT GUWAHATI CAMPUS, GUWAHATI-781039, Assam, India.
2)DAS SURADIP
3)SHARMA MANAV
4)BORTHAKUR BIBHTI BHUSAN
(72)**Name of Inventor :**
1)BORA UTPAL
2)DAS SURADIP
3)SHARMA MANAV
4)BORTHAKUR BIBHUTI BHUSAN

(57) Abstract :
The present invention describes the development of an artificial nerve guide comprising of gold nanoparticle incorporated silk nanofibers for potential regeneration of nerves following neurotmesis grade nerve injury. The present invention also discloses in detail the method of manufacturing the nerve guide and surgical implantation of the same in rat sciatic nerve defect model.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.2953/KOLNP/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR TREATING WATER USED FOR INDUSTRIAL PURPOSES

(51) International classification :C02F1/20
(31) Priority Document No :61/469,537
(32) Priority Date :30/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051236
Filing Date :12/09/2011
(87) International Publication No :WO 2012/134526 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)CRYSTAL LAGOONS (CURACAO) B.V.
Address of Applicant :KAYA W.F.G.(JOMBI) MENSING 14 CURACAO NETHERLANDS
(72)**Name of Inventor :**
1)FISCHMANN T., FERNANDO

(57) Abstract :
A low cost method and system for treating water, which will be used in an industrial process, is provided. A system of the invention generally includes at least one containing means, at least one coordination means, at least one chemical application means, at least one mobile suction means, and at least one filtration means. The coordination means can control the necessary processes depending on the system needs (e.g., water quality or purity). The method and system of the invention purifies the water and eliminates suspended solids without the need of filtering the totality of the water volume, but only filtering a small fraction of up to 200 times less than the flow filtered by a conventional water treatment filtration system.

No. of Pages : 41 No. of Claims : 20

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.2803/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :25/11/2010

(43) Publication Date : 08/11/2013

(54) Title of the invention : STATOR FOR AN ENERGY CONVERTING APPARATUS AND ENERGY CONVERTING APPARATUS USING THE SAME

(51) International classification	:H02K	(71)**Name of Applicant :**
(31) Priority Document No	:EP10154877	**1)SIEMENS AKTIENGESELLSCHAFT**
(32) Priority Date	:26/02/2010	Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY
(33) Name of priority country	:EPO	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)STIESDAL; HENRIK**
Filing Date	:NA	
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Stator for an energy converting apparatus and energy converting apparatus using the same It is described a stator for an energy converting apparatus, the stator comprising the stator comprising a support structure (103) having an annular shape around an axial direction(105); a first protrusion (107) coupled to the support structure and extending radially from the support structure; a second protrusion (111) coupled to the support structure and extending radially from the support structure, the second protrusion being spaced apart from the first protrusion in a circumferential direction (113); and a first wire (119) arranged between the first protrusion and the second protrusion in a plurality of first radial layers located at different radial positions and configured such that a circumferential extent of a cross-sectional area of the first wire increases radially outwards. Further is described an energy converting apparatus comprising the stator, and a wind turbine comprising the energy converging apparatus.

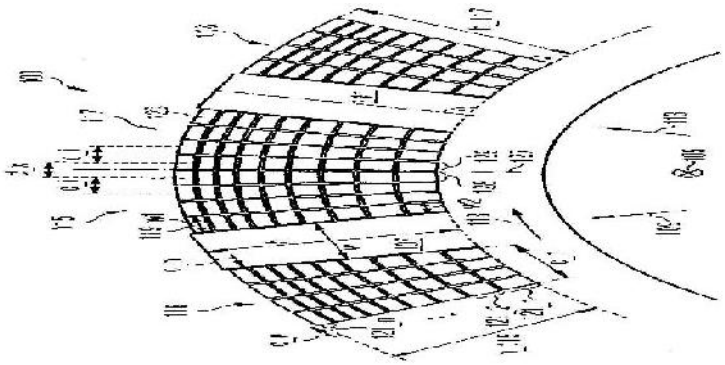


Fig. 1

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2010

(21) Application No.2804/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : COPY DELIVERY

(51) International classification	:B27F
(31) Priority Document No	:10 2009 047 158.8
(32) Priority Date	:26/11/2009
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MANROLAND AG
Address of Applicant :MUHLHEIMER STRASSE 341, 63075 OFFENBACH AM MAIN, GERMANY
(72)**Name of Inventor :**
1)RALF WERNER

(57) Abstract :
Copy delivery for a delivery module of a printing machine having a first delivery conveyor unit (20) and a second delivery conveyor unit (21) being provided downstream in direction of first delivery conveyor unit (20), the ends of both being articulately linked to one another and a adjusting unit (27) engaging with the second conveyor unit (21) by which the distance of the second delivery conveyor unit from a rotating component group of the delivery module, in particular a paddle wheel of the delivery module can be changed in order to be adjusted to various thicknesses, wherein the adjusting unit (27) engaging with the second delivery conveyor unit (21) is articulately linked to the first delivery conveyor unit (20) so that by adjusting the second delivery conveyor unit (21) the first delivery conveyor unit (20) gets adjusted automatically in a manner in which the distance of the first delivery conveyor unit (20) from the rotating component group of the delivery module changes uniformly or at the same rate as the distance of the second delivery conveyor unit (21) from the rotating component group of the delivery module

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2010

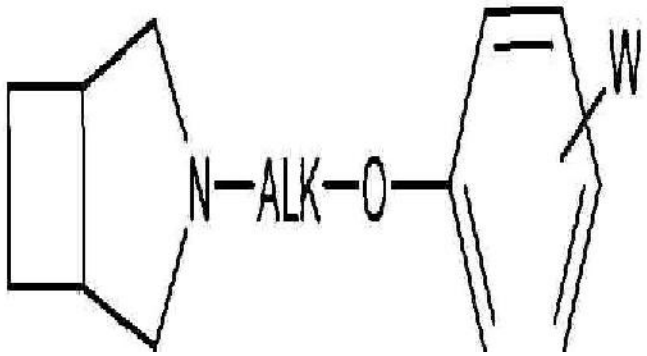
(21) Application No.2805/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : NEW AZABICYCLO [3.2.0]HEPT-3-YL COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification :C07D
(31) Priority Document No :09/05957
(32) Priority Date :09/12/2009
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LES LABORATORIES SERVIER,
Address of Applicant :35 RUE DE VERDUN, F-92284 SURESNES CEDEX, FRANCE
(72)**Name of Inventor :**
1)PATRICK CASARA
2)ANNE-MARIE CHOLLET
3)ALAIN DHAINAUT
4)PIERRE LESTAGE
5)FANY PANAYI

(57) Abstract :
Compounds of formula (I): wherein: ALK represents an alkylene chain, W represents a group wherein R and R are as defined the description. Medicament.



No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2010

(21) Application No.2880/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : ACTUATOR FOR OPERATING A DIFFERENTIAL LOCK

(51) International classification :F16D
(31) Priority Document No :0921263.0
(32) Priority Date :04/12/2009
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MERITOR HEAVY VEHICLE SYSTEMS CAMERI SPA
Address of Applicant :STRADA PROVINCIALE, CAMERI-BELLINZAGO KM. 5, CAMERI (NOVARA) 28062, ITALY
(72)**Name of Inventor :**
1)ROBERTO GIANONE
2)CHIARA CESARI
3)MARCO BASSI

(57) Abstract :
An actuator for operating a differential lock, the actuator including a chassis a first motor mounted on the chassis and including a first motor pinion, a second motor mounted on the chassis and including a second motor pinion, a ring gear rotatably mounted on the chassis about a ring gear axis and having a ring gear thread defined about the ring gear axis, an actuator element having an actuator element thread in engagement with the ring gear thread and having a means for preventing rotation of the actuator element thread, the first motor pinion and second motor pinion being operable to drive the ring gear.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2010

(21) Application No.2957/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING AND CONTROLLING A WIND TURBINE FARM

(51) International classification :G06F
(31) Priority Document No :200910262639.6
(32) Priority Date :25/12/2009
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)ZHU, WEI
2)RAJ VASANT

(57) Abstract :
Fig. 4 shows a computerized system (40) for operating at least one wind turbine (10). The system (40) includes a supervisory control and data acquisition (SCADA) system and a display (80) for depicting a graphical output of information from the SCADA system. The SCADA system analyzes the information and transmits a signal to the display (80) to visually depict the information in a dynamic manner.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/11/2010

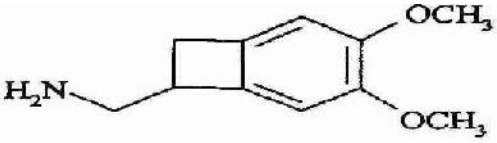
(21) Application No.2766/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PROCESS FOR PREPARING THE AMINE OF FORMULA (IV)

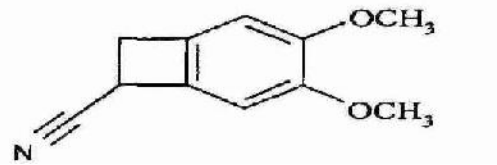
(51) International classification :C07C
(31) Priority Document No :04.05453
(32) Priority Date :19/05/2004
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :246/DEL/2005
Filed on :07/02/2005

(71)**Name of Applicant :**
1)LES LABORATOIRES SERVIER
Address of Applicant :12 PLACE DE LA DEFENSE, 92415 COURBEVOIE CEDEX, FRANCE, France
(72)**Name of Inventor :**
1)JEAN-MICHEL LERESTIF
2)ISAAC GONZALEZ BLANCO
3)JEAN-PIERRE LECOUVE
4)DANIEL BRIGOT

(57) Abstract :
Process for preparing the amine of formula (IV) by the reduction of compound of formula (III):



(IV)



(III),

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2010

(21) Application No.2838/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A DEVICE AND METHOD FOR DETECTING MISSING LAMINATION OR PINHOLES IN LAMINATION ON METALLIC FOILS

(51) International classification :B41F
(31) Priority Document 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)RANBAXY LABORATORIES LIMITED
Address of Applicant :1956, HEAD OFFICE AT 12TH FLOOR, DEVIKA TOWER, 6, NEHRU PLACE, NEW DELHI-110019, INDIA. Delhi India
(72)**Name of Inventor :**
1)NANDAN TONPAY

(57) Abstract :
A device and method for detecting missing lamination or pinholes in lamination on metallic foils. The device and method are based on the principle of electric conduction.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2010
(21) Application No.2913/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : ASTERACEAE AND PAPAVEREAE PLANTS EXTRACTS AS EFFICIENT CORROSION INHIBITORS

(51) International classification :C09D
(31) Priority Document 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)RAJIV PRAKASH
Address of Applicant :SCHOOL OF MATERIALS SCIENCE AND TECHNOLOGY, INSTITUTE OF TECHNOLOGY, BANARAS HINDU UNIVERSITY, VARANASI-221005, INDIA. Uttar Pradesh India
(72)**Name of Inventor :**
1)RAJIV PRAKASH

(57) Abstract :
Compounds containing functional group with hetero atoms, which can donate lone pair of electrons, are found to be very efficient as inhibitors against metal corrosion in many environments. Organic molecules with these properties can adsorb on metal surface and form a weak bond between the N-electron pair or by Ï electron cloud and metal, thereby reducing corrosion. However, materials with high inhibition efficiency, less toxicity and low cost are the major concern due to its use in industries and various other places in large amount. The corrosion inhibition activity in many of plant extracts is explored due to the presence of heterocyclic constituents like alkaloids, flavonoids etc. However, its efficiency and cost effectiveness is major limitation. Recently, I have explored various plants of Asteraceae and Papavereae family and found a few showed excellent corrosion inhibition when their extract or oil is used even in ppm level in various corrosive medium for metals and concretes. Extracts and oils are easy to get and inhibitors are quite efficient and cost effective.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2010
(21) Application No.2991/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : WIND TURBINE BRAKE POWER GENERATION

(51) International classification :F03D
(31) Priority Document No :12/650,786
(32) Priority Date :31/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)BAGEPALLI BHARAT S.
2)GADRE ANIRUDDHA D.

(57) Abstract :
A wind turbine 2, includes a tower 4 for supporting a nacelle 6; a gearbox 14 connected to an electrical generator 16 arranged in the nacelle 6; a plurality of blades 10 for rotating the gearbox 14 and driving the generator 16; a brake disk 102 for stopping rotation of at least one of the gearbox 14 and the generator 16; and an auxiliary power source 104, 106, driven by the brake disk 102, for generating power.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2010

(21) Application No.2992/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SYSTEMS AND APPARATUS RELATING TO WIND TURBINE ELECTRICAL CONTROL AND OPERATION

(51) International classification :H02P
(31) Priority Document No :12/650,807
(32) Priority Date :31/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)RITTER ALLEN M.

(57) Abstract :
An electrical system for connecting a wind turbine 10 to a power grid 179 that includes: a frequency converter 103 that converts electric power produced by a generator 101 of the wind turbine 10 into electric power that is synchronized with the electric power of the power grid 179; a transformer 181 that steps up the voltage for connection to the power grid 179, the transformer 181 being disposed between the frequency converter 103 and a connection to the power grid 179; and a grid-side crowbar circuit 302; wherein the grid-side crowbar circuit 302 is configured to apply a short circuit to the electrical system upon the detection of a fault.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2010

(21) Application No.2994/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD AND APPARATUS FOR HEATING COUPLING MEDIUM

(51) International classification :F28F
(31) Priority Document No :200910206776.8
(32) Priority Date :30/12/2009
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC
Address of Applicant :3000 NORTH GRANDVIEW BOULEVARD, WAUKESHA, WI 53188-1696 U.S.A.
(72)**Name of Inventor :**
1)ZHAO ZHENSONG
2)TENG YOUFENG
3)LI DONGMEI
4)LI QUAN

(57) Abstract :
According to the present invention, in the method for heating a coupling medium, the coupling medium is stored in a container that is coupled with the ultrasound diagnostic apparatus so that the heat generated by the operation of the ultrasound diagnostic apparatus is utilized for heating the coupling medium in the container. This invention also discloses an ultrasound diagnostic apparatus including an apparatus for heating a coupling medium including: an external heat conductive unit, including a base for positioning a container storing the coupling medium; and an internal heat sink unit for absorbing heat from the heat generating unit of the ultrasound diagnostic apparatus; wherein the external heat conductive unit and the internal heat sink unit are configured as separate assembly structures; in the state of assembly, the heat of the heat generating unit is transferred to the container through them. According to the preferred embodiments of the present invention, the heat generated during the operating process of the ultrasound diagnostic apparatus can be utilized to heat the coupling medium, so that no extra energy may be consumed and the heat dissipation need of the ultrasound diagnostic apparatus can be satisfied.

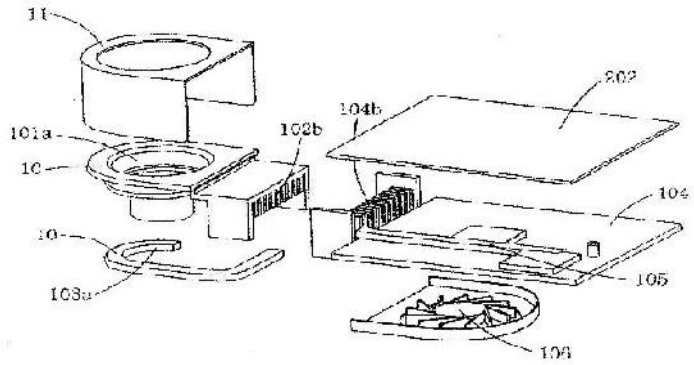


Fig. 1

No. of Pages : 16 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2010

(21) Application No.2997/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : CURRENT CONTROLLER DEVICE AND VECTOR CONTROL METHOD FOR CONTROLLING POWER CONVERSION

(51) International classification :H02M
(31) Priority Document No :EP10000878
(32) Priority Date :28/01/2010
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY
(72)**Name of Inventor :**
1)BROGAN; PAUL BRIAN
2)JONES; RODNEY

(57) Abstract :
Current controller device and vector control method for controlling power conversion A current controller device (43) using a vector control algorithm for controlling conversion of DC power into AC power by an inverter (27) is provided. The controller device (43) has an open loop control loop gain and comprises: a first current demand input for receiving a first current demand signal (IQ_NET); al least a second current demand input for receiving a second current demand signal (ID_NET); - a first current feedback input for receiving a first current feedback signal (IQ_NET) representing an AC current of the AC power; - a second current feedback input for receiving a second current feedback signal (ID_NET) representing an AC current of the AC power; a first voltage feedback input for receiving a first voltage feedback signal (VQ_NET) representing an AC voltage of the AC power; a second voltage feedback input for receiving a second voltage feedback signal (VD_NET) representing an AC voltage of the AC power; a first voltage demand output for outputting a first voltage demand signal (VQ_NET); a second voltage demand output for outputting a second voltage demand signal (VD_NET); and a controller (43, 430) for producing said first voltage demand signal (VQ_NET) and said second voltage demand signal (VD_NET) on the basis of said first current demand signal (IQ_NET), said second current demand signal (ID_NET), said first current feedback (IQ_NET), said second current feedback (ID_NET), said first voltage feedback (VQ_NET) and said second voltage feedback (VD NET) . The ntrol loop gain depends oopen loop con the frequencies contained in the first and second current feedback signals (IQ_NET, ID_NET). A first filter (65) is provided at the first current feedback input and a second filter (67) is provided at the second current feedback input. The first and second filters (65, 67) each have a filter characteristics chosen such as to reduce frequencies of the first and second current feedback signals (IQ_NET, ID_NET) at which the frequency dependent open loop control loop gain would become greater than unity and would have a phase less than or equal to minus 180°.

No. of Pages : 45 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2010

(21) Application No.2998/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : MAGNETIC COMPONENT PART FOR A ROTOR ASSEMBLY

(51) International classification :H02K
(31) Priority Document No :EP10000541
(32) Priority Date :20/01/2010
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY
(72)**Name of Inventor :**
1)BOOTH; JAMES KENNETH
2)GUNDTOFT; SOEREN

(57) Abstract :
Magnetic component part for a rotor assembly It is described a magnetic component part (260) for a rotor assembly (150) of an electromechanical transducer (140) . The magnetic component part (260) comprises (a) a base element (262) having a first side and an opposing second side, (b) a permanent magnet (264) , which is attached to the base element (262) at the first side, and (c) a mounting structure (266), which is fixed to the base element (262) at the second side and which is adapted to be mechanically connected to a support structure (280) of the rotor assembly (15 0) . The permanent magnet (264) is located in an offset position with respect to a central axis (266a) of the mounting structure (266), which central axis (266a) extends from the mounting structure (266) through the second side to the first side. It is further described a rotor assembly (150) , an electromechanical transducer (140) and a wind turbine (100) , which are all equipped with at least four of such magnetic component parts (260) . Furthermore, it is described a method for manufacturing a rotor assembly (150) comprising at least four of such magnetic component parts (260) .

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

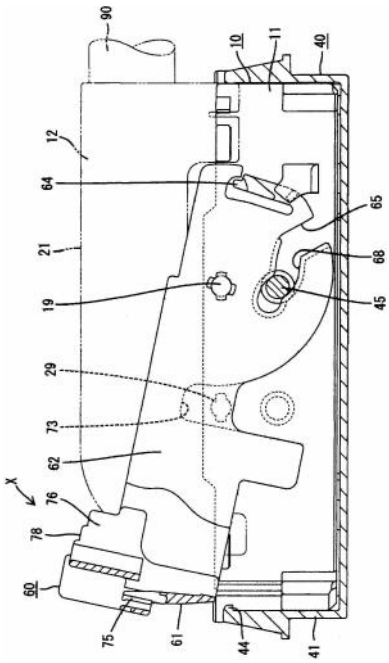
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2010
(21) Application No.2788/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : LEVER-TYPE CONNECTOR AND METHOD OF CONNECTING IT

(51) International classification :H01R
(31) Priority Document No :JP2009-274584
(32) Priority Date :02/12/2009
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO WIRING SYSTEMS, LTD.,
Address of Applicant :1-14, NISHISUEHIRO-CHO, YOKKAICHI-CITY, MIE 510-8503, JAPAN
(72)**Name of Inventor :**
1)KENJI MAKINO
2)WATARU SHAMOTO

(57) Abstract :
An object of the present invention is to prevent erroneous connection of housings. If connection postures of a first and a second housings 10, 40 are inclined from proper ones at a final stage of a connecting process of the first and second housings 10,40, pressing portions 73 of a lever 60 press pressable portions 29 of the first housing 10 to correct the connection postures of the first and second housings 10, 40. A mutual connection force of the first and second housings 10, 40 reaches a maximum value when an operable portion 61 of the lever 60 is located at a position near the rear surface of a cover 12 or overlapping the rear surface of the cover 12 before the pressing portions 73 press the pressable portions 29 in the connecting process of the first and second housings 10, 40.



No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2010

(21) Application No.2861/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : ANTI-ICING SYSTEM USING RADIANT INFRARED ENERGY FROM TURBINE EXHAUST FLUES

(51) International classification :F01B
(31) Priority Document No :12/639,685
(32) Priority Date :16/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)BRYANT PAUL SHERWOOD

(57) Abstract :
An exhaust flue (502) for use with a gas turbine engine (100,200,300,400,500) including a core engine (106) and an air inlet (102) including an air filter assembly (104), the exhaust flue oriented to channel exhaust gases from the core engine, the exhaust flue including a radiating portion (516) positioned within the air inlet such that the radiating portion is oriented to emit infrared radiation towards the air filter assembly.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2010

(21) Application No.2934/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : WIND TURBINE DRIVETRAIN SYSTEM

(51) International classification :F01D
(31) Priority Document No :12/646,240
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)JANSEN PATRICK L.
2)BARNES GARY R.
3)HARAN KIRUBA
4)QU RONGHAI
5)MINADEO ADAM D.

(57) Abstract :
A wind turbine (100) is provided having a drivetrain (300) with a gearbox (302) and a gearbox housing, at least one gear stage (252) and an output shaft (540) coupled within the housing. The gear stage exerts an axial thrust force (525) on the output shaft (540) during operation of the wind turbine. A generator (304) includes a generator housing and an input shaft connected to the output shaft of the gearbox. The generator includes a rotor (508) and a stator (506) coupled to the generator housing. The rotor is coupled to the input shaft such that the rotor is positioned radially inward from the stator. At least one bearing (546) is shared between the gearbox output shaft and the generator input shaft, and this bearing carries a portion of the axial thrust force (525). The generator is skewed to exert an opposing axial thrust force (515) on the input shaft, so that the axial thrust force (525) carried by the bearing is reduced.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/12/2010

(21) Application No.3177/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A METHOD FOR DEVELOPING PATHOGEN TOLERANT TRANSGENIC PLANTS

(51) International classification :C12N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.
(72)**Name of Inventor :**
1)SAMIR VISHWANATH SAWANT
2)RAKESH SRIVASTAVA
3)MEENAL SRIVASTAVA
4)PRADHYUMNA KUMAR SINGH
5)SUCHI SRIVASTAVA
6)PRAVEEN CHANDRA VERMA
7)BHUPENDRA KOUL
8)ANOOP KUMAR SHUKLA
9)CHANDRA SHEKHAR NAUTIYAL
10)DEVENDRA VIJAY AMLA

(57) Abstract :
The present invention relates to an expression construct for the development of pathogen tolerant transgenic plants. Further it relates to the method for developing plant pathogen tolerance in plants by using transcription co-activator Taf4b which induces the defense signaling pathway against plant pathogen in plant. An expression cassette comprising plant taf4b gene, regulated by a constitutive promoter can induce tolerance to plant. The present invention is useful for development of a disease tolerant plant for the developing broad spectrum tolerance against fungal and bacterial plant pathogens.

No. of Pages : 45 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/12/2010
(21) Application No.3178/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF BUILDING BOARDS AND PANELS FROM PLYWOOD/VENEER INDUSTRY WASTE

(51) International classification :B28B
(31) Priority Document 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 - 110 001, INDIA.
(72)**Name of Inventor :**
1)SUBODH PRAKASH AGRAWAL
2)RAJNI LAKHANI

(57) Abstract :
The present invention provides an improved process for the preparation of building boards and panels using mechanically disintegrated plywood/ veneer industry waste wood particles without using any external synthetic resin. The building boards and panels prepared by the process of the present invention are useful for partitioning, paneling and false ceiling in buildings and obviates the draw backs of available materials for these purposes, such as higher cost, lower aesthetics, non-waste utilization, non-renewable, toxic synthetic petroleum based resins, and poor properties.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2010
(21) Application No.2799/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : DETECTION OF DEFORMATION OF A WIND TURBINE BLADE

(51) International classification :G01B
(31) Priority Document No :10 2009 058 595.8
(32) Priority Date :17/12/2009
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY
(72)**Name of Inventor :**
1)GIERLICH; ROLAND
2)HUTTNER; JORG
3)ZIROFF; ANDREAS

(57) Abstract :
Detection of deformation of a wind turbine blade The invention relates to the detection of bending deflection of a wind turbine blade with the aim of providing early detection of the risk of the blade striking in particular the tower of the wind turbine. For this purpose an arrangement for the wind turbine is proposed which comprises a radio transmitter and a linear antenna array assigned to the radio transmitter. The radio transmitter is mounted on the blade tip and emits a signal S e.g. continuously. The antenna array is mounted on the rotor of the wind turbine in a co-rotating manner and receives the signal S. On the basis of the transit times of the signal from the rotor to the individual antennas of the array, the position of the radio transmitter relative to the array can be determined. In the event of blade deflection, e.g. if a high wind load is present, the relative position changes, which can be detected by means of the arrangement according to the invention.

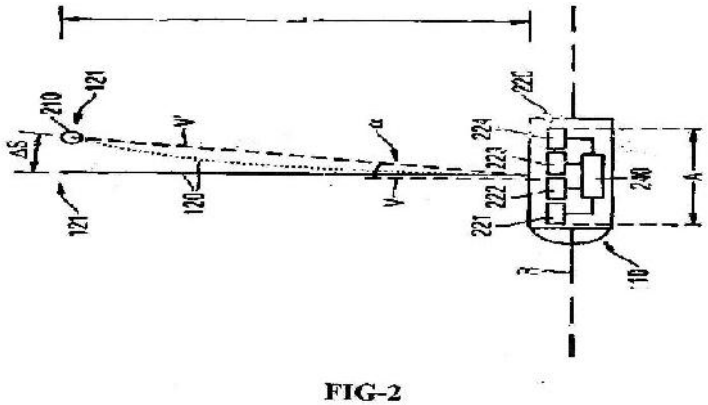


FIG-2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2010

(21) Application No.2873/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PLATINUM WELD STRUCTURES AND METHODS

(51) International classification :B32B
(31) Priority Document No :12/631,055
(32) Priority Date :04/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CORNING INCORPORATED
Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, U.S.A.
(72)**Name of Inventor :**
1)MARTIN HERBERT GOLLER
2)DAVID MYRON LINEMAN

(57) Abstract :
A platinum welded structures are provided with a first oxide dispersion strengthened platinum or platinum alloy portion and a second oxide dispersion strengthened platinum or platinum alloy portion welded to the first platinum or platinum alloy portion. The second portion is welded to the first portion with a weld joint including a platinum or platinum alloy weld bead. The weld bead further includes at least one member selected from the group consisting of Zr, ZrO2 and rhodium at a level greater than the first and second portions. A method of making a platinum welded structure is also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2010

(21) Application No.2949/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SEAL ARRANGEMENT AND LINK OF A CHAIN HAVING THE SEAL ARRANGEMENT

(51) International classification :B62D
(31) Priority Document No :10 2009 058 216.9
(32) Priority Date :15/12/2009
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AKTIEBOLAGET SKF
Address of Applicant :415 50 GOTEBORG, SWEDEN
(72)**Name of Inventor :**
1)HANS-JOACHIM VOM STEIN

(57) Abstract :
A sealing assembly for sealing between two parts of a track that are movable relative to each other comprises an elastic ring, which includes a radially-encircling sealing lip for fixedly and sealingly abutting on a first part of the track, and a sealing ring, which includes a sealing edge for sealing abutment on a sliding surface of the second part of the track. A supporting ring fixedly connected with the elastic ring is inserted between the elastic ring and the sealing ring.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2010
(21) Application No.2950/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : POLYCARBONATE BLENDS HAVING HIGH HEAT DISTORTION RESISTANCE AND IMPROVED SURFACE PROPERTIES

(51) International classification :C08K
(31) Priority Document No :10 2009 058099.9
(32) Priority Date :12/12/2009
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER MATERIALSCIENCE AG
Address of Applicant :51368 LEVERKUSEN, GERMANY
(72)**Name of Inventor :**
1)ALEXANDER MEYER
2)MICHAEL ERKELENZ
3)RAFAEL OSER
4)ALEXANDER KARBACH

(57) Abstract :
The present invention relates to compositions containing copolycarbonates comprising bisphenol A and TMC bisphenol building blocks and specific polyolefins or functionalized polyolefins. The invention also relates to mouldings and injection moulded parts and extrudates obtainable from these compositions, and to processes for the production of the mouldings and extrudates. The invention furthermore relates to multilayer products comprising a substrate containing the polycarbonate according to the invention, which has a further layer at least on one side, preferably a metal layer, and processes for the production of such products.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2010

(21) Application No.8513/DELNP/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD FOR THE PREPARATION OF C-4 COUPLED FLAVONOIDS, PROANTHOCYANIDINS AND ANALOGUES THEREOF•

(51) International classification :C07D
(31) Priority Document No :2008/04953
(32) Priority Date :06/06/2008
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2009/052396
Filing Date :05/06/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNIVERSITY OF THE FREE STATE
Address of Applicant :Department of Chemistry Nelson Mandela Drive 9301 Bloemfontein South Africa
(72)**Name of Inventor :**
1)VAN DER WESTHUIZEN Jan Hendrik
2)ACHILONU Mathew
3)BONNET Susanna Lucia

(57) Abstract :
The invention relates to a novel process for the preparation of C-4 coupled flavonoids, proanthocyanidins and analogues thereof. According to a specific application of the invention, there is provided a method for the preparation of proanthocyanidins and proanthocyanidin analogues.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2010
(21) Application No.2917/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : POWER SUPPLY CIRCUIT, AND MOTOR DRIVE DEVICE AND REFRIGERATION AND AIR CONDITIONER

(51) International classification	:H02M
(31) Priority Document No	:2009-281105
(32) Priority Date	:11/12/2009
(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)HITACHI, LTD.
Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO, JAPAN.
(72)**Name of Inventor :**
1)NOTOHARA YASUO
2)ITO YOSHIKI
3)MAEDA DAISUKE

(57) Abstract :
A problem of the present invention is to prevent an overcurrent at the time of starting a switching operation in a power supply circuit using a boost chopper circuit. In order to solve the above-described problem, the present invention is characterized in that in the power supply circuit using a boost chopper circuit, a switching operation is started in a vicinity of a peak value of an input current once per a half cycle of a power supply cycle. As one of specific arrangement, a ripple component of a DC voltage is detected, and the switching operation is started at a timing when the ripple component of the DC voltage becomes positive. As another specific arrangement, an input current instantaneous value is compared with a value proportional to the magnitude of the input current (e.g., the effective value or the like), and a switching operation is started in a period during which the input current instantaneous value exceeds the value proportional to the magnitude of the input current.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2010

(21) Application No.2800/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD AND CONTROL SYSTEM FOR CONTROLLING POWER CONVERSION IN A POWER CONVERTER

(51) International classification :H02J
(31) Priority Document No :EP10000316
(32) Priority Date :14/01/2010
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY
(72)**Name of Inventor :**
1)FULCHER; ROBERT VERNON
2)JONES; RODNEY
3)WAITE; PHILIP PERRY

(57) Abstract :
Method and control system for controlling power conversion in a power converter A control system for controlling conversion of an input power into an output power in at least one converter module (27) comprising at least one input power terminal, at least one output power terminal, and for each output power terminal at least one active switching device (35) connected between the an input power terminal and the respective output power terminal, by controlling the timing of the switching of the at least one active switching device (35) is provided. The control system comprises a master controller (33) and, for each converter module controlled by the master controller (33) , a communication link (40) interconnecting the master controller (33) and the respective converter module (27) . In addition, it comprises a timing generator (45) generating a timing signal having a cycle time equal to or less than the shortest time constant of the converter modules (27) and the immediate power circuit elements relating to the used respective converter module. The timing generator (45) is integrated in or interconnected with the master controller (33) . Furthermore, the control system comprises a signal generator (46) being integrated in or interconnected with the master controller (33) which generates switching control signals, each switching control signal containing a control message defining a switching state for the at least one active switching device (35) in a converter module (27) interconnected with the master controller (33), the duration of each control message being equal to or less than the cycle time. The communication links (40) are serial communication links.

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2010

(21) Application No.2801/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : HEATING SYSTEM FOR A TURBINE

(51) International classification :F01D
(31) Priority Document No :EP10000222
(32) Priority Date :12/01/2010
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY
(72)**Name of Inventor :**
1)FREDRIKSSON; MIKAEL
2)JOHANSSON; TORBJORN
3)LARSSON; TOMMY
4)MAZUR; OSKAR

(57) Abstract :
Heating system for a turbine The present invention relates to a turbine (100) for converting thermal energy in mechanical work. The turbine (100) comprises a heating system (101), wherein the heating system (101) is adapted for heating the turbine (l00) in a power off state and/or a start-up phase of the turbine (100)

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2010

(21) Application No.8125/DELNP/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : Intrusion Warning System

(51) International classification :G01B
(31) Priority Document No :61/124,315
(32) Priority Date :17/04/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2009/000417
Filing Date :16/04/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Shilat Optronics Ltd
Address of Applicant :5 Haplada Street 60218 Or Yehuda Isreal.
(72)**Name of Inventor :**
1)GUETTA Avishay
2)KORNGUT Doron
3)BLAI Gil

(57) Abstract :
A system for detecting intrusion across a surface, comprising a plurality of light sources projecting an array of illuminating beams along different optical paths in the surface and a detector array system directed such that it detects along a plurality of fields of view in the surface, illumination reflected from the illuminating beams. A signal processing system detects changes along the array of fields of view, in the reflected illumination level detected by the detector system. An increase greater than a predefined level in the reflected illumination level from any field of view provides an indication of an intrusion across the surveilled surface along that field of view, at the crossing point of the direction of that field of view with the optical path whose illuminating beam generated the increase in reflected illumination from that field of view.

No. of Pages : 46 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2010

(21) Application No.2855/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : COMPACT THERMOELASTIC ACTUATOR FOR WAVEGUIDE, WAVEGUIDE WITH PHASE STABILITY AND MULTIPLEXING DEVICE INCLUDING SUCH AN ACTUATOR

(51) International classification :H01P
(31) Priority Document No :0906278
(32) Priority Date :23/12/2009
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THALES
Address of Applicant :45, RUE DE VILLIERS, 92200 NEUILLY SUR SEINE, FRANCE
(72)**Name of Inventor :**
1)JOEL LAGORSSE
2)FABIEN MONTASTIER

(57) Abstract :
The compact thermoelastic actuator (15) includes at least two identical force pieces (10a, 10b, 10c, 1Od) and a securing piece (11), the securing piece having a coefficient of thermal expansion less than the coefficient of thermal expansion of the force pieces. The force pieces (10a, 10b, 10c, l0d) are mounted head-to-tail.one beside the other parallel to a longitudinal axis Y and are linearly offset relative to one another, along the longitudinal axis Y. The securing piece (11) has two ends respectively linked to external ends of each force piece and internal ends of each force piece are positioned under a median region (14) of the securing piece (11). Applicable to waveguides of multiplexers incorporated in space equipment for satellites.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2010

(21) Application No.2857/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : FURNACE FOR CONDITIONING PREFORMS

(51) International classification :B29C
(31) Priority Document No :102009047537.0
(32) Priority Date :04/12/2009
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KRONES AG
Address of Applicant :BOHMERWALDSTRASSE 5, 93073 NEUTRAUBLING, GERMANY
(72)**Name of Inventor :**
1)WINZINGER, FRANK
2)HOLZER, CHRISTIAN
3)SCHONBERGER, WOLFGANG
4)SENN, KONRAD
5)WUTZ, ANDREAS

(57) Abstract :
A rotary-type furnace for conditioning preforms with a heating wheel is described at which several heating modules for heating one preform each are arranged, wherein the heating modules comprise each a heating chamber and a holding device for the preform. With a lifting device for lifting and lowering the holding device and/or the heating chamber to change between a loading or withdrawal position, in which the preform does not overlap with the heating chamber in the direction of its main axis, and a radiation position in which a section of the preform is arranged within the heating chamber, a particularly quick and reliable transfer from an infeed starwheel can be realized.

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2010

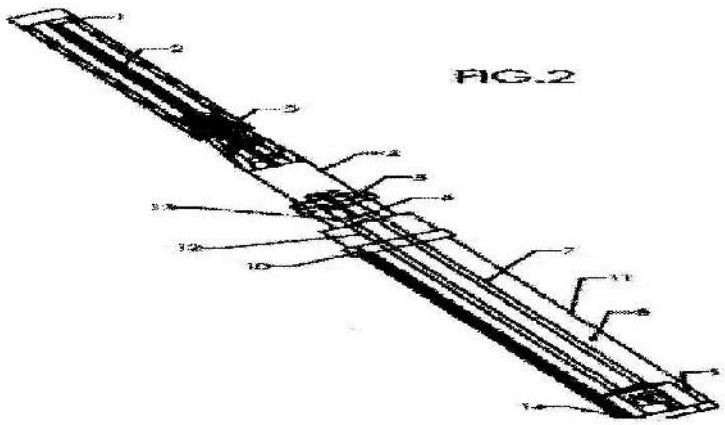
(21) Application No.3048/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PASSIVE SAFETY I.V. CATHETER ASSEMBLY

(51) International classification :A61M
(31) Priority Document 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)MEDIPLUS (INDIA) LIMITED
Address of Applicant :1261-1262 M.I.E. BAHADURGARH HARYANA-124507 India
(72)**Name of Inventor :**
1)SHARAD MITTAL
2)SANDEEP GOEL

(57) Abstract :
The invention relates to a safety intravenous catheter assembly having designed with a housing unit and catheter unit. The housing unit includes a tubular & cannula unit. The tubular unit has three tubular members, the said tubular members engaged with each other. The outer tubular member, middle tubular member & inner tubular member are cylindrical in shape and made up of plastic material. The middle tubular member moves slidably in backward & forward direction inside the body of outer tubular member along its length and inner tubular member moves slidably in backward & forward direction inside the body of middle tubular member. The outer tubular member includes a slot with narrow opening at its outer rear end and a ring shaped stopper means at its inner front end. The middle tubular member includes a pair of wings at its outer rear end and a ring shaped stopper means at its inner front end. The inner tubular member includes a pair of wings at its outer rear end and a nose mounted over the outer front end of inner tubular member. A pair of arrow shaped locking means mounted at the cannula head of cannula unit. The cannula unit is insertably fitted into the inner tubular member of tubular unit and cannula head is stuffed into the rear opening of outer tubular member. The outer circumference of the front end of the inner tubular member is almost equal to the inner circumference of the rear part of nose.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2010

(21) Application No.2859/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PRINTING DEVICE FOR A ROTARY PRESS

(51) International classification :B41F
(31) Priority Document No :10 2009 047 356.4
(32) Priority Date :01/12/2009
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MANROLAND AG
Address of Applicant :MUHLHEIMER STRASSE 341, 63075 OFFENBACH AM MAIN, GERMANY
(72)**Name of Inventor :**
1)ALFONS BAINTNER
2)KARL-HEINZ BIENERT
3)MAX EDER

(57) Abstract :
The invention relates to a printing device (10) of a rotary printing press having at least one printing unit (11) wherein the printing couple or each of the printing units (11) comprise a form cylinder (12), a transfer cylinder (13), an inking unit as well as if applicable a damping unit, wherein the transfer cylinder (13) of the printing unit or of each of the printing units rolls on an impression cylinder assigned to the same, with a drive (16) being assigned to the transfer cylinder (13) of at least one printing unit, in order to drive the respective transfer cylinder directly and wherein a position controller (18) each is assigned to the drive or to each of the drives (16) in order to operate the respective drive in a position-controlled manner. According to the invention the form cylinder (12) of at least one printing unit (11) is assigned a position encoder (19) providing an actual positioning value for the position controller (18) of the drive (16) assigned to the transfer cylinder (13) of the respective printing couple (11).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2010

(21) Application No.3011/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A CIRCULAR NEEDLING TABLE FOR NEEDLING A TEXTILE STRUCTURE MADE FROM AN ANNULAR FIBER PREFORM•

(51) International classification :D04H
(31) Priority Document No :0959469
(32) Priority Date :23/12/2009
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MESSIER-BUGATTI
Address of Applicant :Zone Aeronautique Louis Breguet 78140 VELIZY VILLACOUBLAY FRANCE
(72)**Name of Inventor :**
1)DELECROIX Vincent

(57) Abstract :
The invention provides a circular needling table (10) for needling a textile structure made from an annular fiber preform, the table comprising: a horizontal annular platen (14) for having the annular fiber preform (12) placed thereon; drive means for driving the fiber preform in rotation about the axis (16) of the platen; a needling device (22) having a needling head (24) extending over an angular sector of the platen and driven in vertical motion relative to the platen; and guide means (38a, 38b) for guiding the fiber preform under the needling head.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2010
(21) Application No.2907/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : AN IMPROVED BAG FOR GRANULAR MATERIAL

(51) International classification :B65D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SANT PRASAD GAUTAM
Address of Applicant :N-13, NIVEDITA KUNJ, SECTOR-10, R.K. PURAM, NEW DELHI, INDIA
(72)**Name of Inventor :**
1)SANT PRASAD GAUTAM

(57) Abstract :
The present invention relates to an effective system and method for preserving granular material. such as grains, their packaging and the method of sealing. The invention provides an easy cost effective and automated method of filling and sealing the bag with any granular material which protects the grains/ seeds from water or humidity.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2010
(21) Application No.2900/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : BORON BASED REFRACTORY COATING FOR A WIND TURBINE COMPONANT

(51) International classification :F03D
(31) Priority Document No :10 2010 004 662.0
(32) Priority Date :14/01/2010
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY
(72)**Name of Inventor :**
1)HOHLE; ANDREAS CHRISTIAN
2)HOHMANN; CHRISTIAN
3)KUMMER; CLAUDIA
4)KOLPIN; HELMUT
5)LI; YING
6)TCHEMTCHOUA; BRICE

(57) Abstract :
A wind turbine (1) is disclosed which comprises at least one component (10) having a surface (12). The surface (12) is coated at least in part with a refractory layer (13), preferably a boron-based refractory layer.

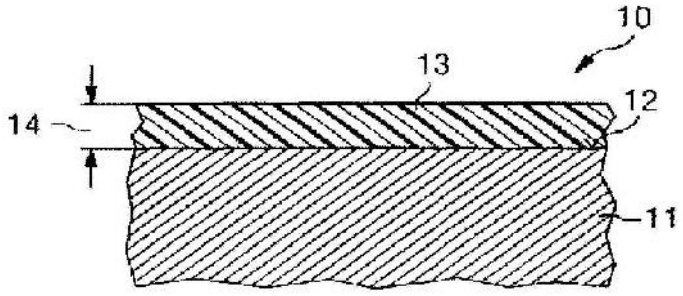


FIG-2

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.767/DEL/2003 A
(19) INDIA
(22) Date of filing of Application :02/06/2003
(43) Publication Date : 08/11/2013

(54) Title of the invention : A METHOD OF REDUCING LEVELS OF SEX STEROID HORMONES IN MAMMALS BY USING RECOMBINANT ANTI-LHRH VACCINES

(51) International classification	:A61K 39/00
(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 TALWAR RESEARCH FOUNDATION
Address of Applicant :E-8, NEB VALLEY NEB SARAI, NEW DELHI-110068, INDIA.
(72)**Name of Inventor :**
1)GURSARAN PRASAD TALWAR
2)JAGDISH CHANDRA GUPTA
3)KOMAL RAINA

(57) Abstract :
The present invention relates to oligonucleotide sequences of SEQ JD Nos. 1 and 2, and polypeptide sequences of SEQ ID No. 3 and 4, useful for preparing recombinant anti-LHRH DNA and proteinic vaccines; also, a method of obtaining the vaccines using oligonucleotide sequence of SEQ ED No. 1 or 2; further, the vaccine compositions comprising DNA and/or proteinic vaccines optionally along with an adjuvant and/or delivery system; and lastly, a method of reducing levels of sex steroid hormones by eliciting an effective antibody response against LHRH in mammals of both sexes using the vaccine compositions, for controlling and/ or treating the sex-steroid hormone dependent benign prostate hypertrophy and/or prostate cancer, breast cancer, estrus of companion animals, or meat quality of male animals.

No. of Pages : 39 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2010
(21) Application No.8510/DELNP/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : ADSORBENT AND ADSORBENT BED FOR MATERIALS CAPTURE AND SEPARATION PROCESSES

(51) International classification :B01J
(31) Priority Document No :61/057,756
(32) Priority Date :30/05/2008
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/045118
Filing Date :26/05/2009
(87) International Publication No :WO 2009/148872
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BATTELLE MEMORIAL INSTITUTE
Address of Applicant :PACIFIC NORTHWEST DIVISION, INTELLECTUAL PROPERTY LEGAL SERVICES, P.O. BOX 999, RICHLAND, WA 99352, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)LIU, WEI

(57) Abstract :
A method device and material for performing adsorption wherein a fluid mixture is passed through a channel in a structured adsorbent bed having a solid adsorbent comprised of adsorbent particles having a general diameter less than 100 um, loaded in a porous support matrix defining at least one straight flow channel. The adsorbent bed is configured to allow passage of a fluid through said channel and diffusion of a target material into said adsorbent under a pressure gradient driving force. The targeted molecular species in the fluid mixture diffuses across the porous support retaining layer, contacts the adsorbent, and adsorbs on the adsorbent, while the remaining species in the fluid mixture flows out of the channel.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2010

(21) Application No.8474/DELNP/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : N-SUBSTITUTED CARBAMIC ACID ESTER PRODUCTION METHOD AND ISOCYANATE PRODUCTION METHOD USING THE N-SUBSTITUTED CARBAMIC ACID ESTER

(51) International classification :C07B
(31) Priority Document No :2009-192250
(32) Priority Date :21/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/005013
Filing Date :29/09/2009
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASAHI KASEI CHEMICALS CORPORATION
Address of Applicant :1-105, KANDA JINBOCHO, CHIYODA-KU, TOKYO 101-8101, JAPAN
(72)**Name of Inventor :**
1)MIYAKE, NOBUHISA
2)SHINOHATA, MASAAKI
3)OKUBO, ATSUSHI

(57) Abstract :
The present invention provides a method for producing N-substituted carbamic acid-O-aryl ester derived from a compound having an ureido group, the method comprising the step of carrying out esterification or esterification and transesterification from the compound having the ureido group and a hydroxy composition containing one type or a plurality of types of hydroxy compounds

No. of Pages : 621 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2010

(21) Application No.2723/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : AXIAL FLOW STEAM TURBINE

(51) International classification :F01D
(31) Priority Document No :0920728.3
(32) Priority Date :26/11/2009
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND
(72)**Name of Inventor :**
1)DAVID PAUL BLATCHFORD
2)BRYAN ROY PALMER
3)BRIAN ROBERT HALLER

(57) Abstract :
An axial flow steam turbine 10 comprises a rotor 16, a turbine casing 18 and at least first and second turbine stages 12, 14, with the second turbine stage 14 being located adjacent to and downstream from the first turbine stage 12. The radially outer static diaphragm ring 22a of the second turbine stage 14 includes an annular axial extension 38 extending in the upstream axial direction and carrying a circumferential tip sealing device 40 which cooperates with the shrouds 34 of the circumferential row of moving blades 28 of the first turbine stage 12. An upstream end 38a of the annular axial extension 38 is axially spaced from the radially outer static diaphragm ring 20a of the first turbine stage 12 such that a circumferential passage 46 is defined between the upstream end 38a of the annular axial extension 38 and the radially outer static diaphragm ring 20a of the first turbine stage 12. Solid particles are directed into the circumferential passage 46, upstream of the circumferential row of moving blades 28 of the first turbine stage 12, by the tangential motion of the steam flow and are thus diverted from the steam flow by the circumferential passage 46 during operation of the steam turbine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/12/2010

(21) Application No.3179/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF A LOW-FAT MULTIGRAIN READY-TO-EAT SNACK

(51) International classification :A23L
(31) Priority Document 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 - 110 001, INDIA.
(72)**Name of Inventor :**
1)SILA BHATTACHARYA
2)MANCHANAHALLY SHIVANNA MEERA

(57) Abstract :
The present invention provides a process for the preparation of a low-fat multigrain puffed ready-to-eat snack employing multiple grains of cereals, pulses and millets. The product can be used as a low-fat healthy snack food. The product has been rendered crisp without frying in oil. The present process provides a shelf stable ready-to-eat nutritious product with varying tastes like salty, spicy, and sweet or a combination of these tastes.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2010
(21) Application No.3041/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PROCESS FOR MAKING UNIFORM OLIGOMERIC DROPLETS

(51) International classification :C08F
(31) Priority Document No :61/335,014
(32) Priority Date :30/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROHM AND HAAS COMPANY
Address of Applicant :100 INDEPENDENCE MALL WEST, PHILADELPHIA, PENNSYLVANIA, 19106-2399, U.S.A.
(72)**Name of Inventor :**
1)MARTIN DEETZ
2)JOHN J. MAIKNER
3)WILLIAM ZABRODSKI

(57) Abstract :
A process for making substantially uniform oligomeric droplets in an aqueous dispersion comprising preparing an aqueous emulsion of an emulsifying agent, at least one monomer, a chain transfer agent, and an initiator; and mixing the aqueous emulsion with a stabilizer and a plurality of seed particles.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2010
(21) Application No.3042/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : NOVEL DIAMINO-ALCOHOL COMPOUNDS, THEIR MANUFACTURE AND USE IN COATINGS APPLICATIONS

(51) International classification :C08K
(31) Priority Document No :61/284,608
(32) Priority Date :22/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES, INC.
Address of Applicant :2040 DOW CENTER, MIDLAND, MICHIGAN 48674, U.S.A.
2)ANGUS CHEMICAL COMPANY
(72)**Name of Inventor :**
1)ASGHAR AKBER PEERA
2)IAN TOMLINSON

(57) Abstract :
A new class of compounds, namely diamino alcohols, is described, along with a process for their production and their use as dispersing additives for coating formulations.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2005

(21) Application No.2035/DELNP/2005 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : ADENOVIRAL VECTOR VACCINE

(51) International classification :A01J
(31) Priority Document No :60/425,286
(32) Priority Date :12/11/2002
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2003/036237
Filing Date :12/11/2003
(87) International Publication No :WO2004/044176
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)YALE UNIVERSITY
Address of Applicant :TWO WHITNEY AVENUE, NEW HAVEN, CONNECTICUT 06511, U.S.A.
(72)**Name of Inventor :**
1)DEISSEROTH, ALBERT, B
2)ZHANG, LIXIN

(57) Abstract :
Provided are adenoviral vectors for generating an immune response to antigen. The vectors comprise a transcription unit encoding a secretable polypeptide, the polypeptide comprising a secretory signal sequence upstream of a tumor antigen upstream of CD40 ligand, which is missing all or substantially all of the transmembrane domain rendering CD40L secretable. Also provided are methods of generating an immune response against cells expressing a tumor antigen by administering an effective amount of the invention vector. Further provided are methods of generating an immune response against cancer expressing a tumor antigen in an individual by administering an effective amount of the invention vector. Still further provided are methods of generating immunity to infection by human papilloma virus (HPV) by administering an effective amount of the invention vector which encocodes the E6 or E7 protein of HPV. The immunity generated is long term.

No. of Pages : 40 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2010
(21) Application No.2865/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD OF ATTACHING A LOAD SENSOR TO A SURFACE OF A ROTOR BLADE AND ROTOR BLADE

(51) International classification :F03D
(31) Priority Document No :EP10000950
(32) Priority Date :29/01/2010
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY
(72)**Name of Inventor :**
1)KRISTENSEN; OLE JESPER DAHL
2)LIND; SOEREN OEMANN
3)MIKKELSEN; JENS ARNE
4)PEDERSEN; SOEREN MARKKILDE

(57) Abstract :
Method of attaching a load sensor to a surface of a rotor blade and rotor blade The invention concerns a method of attaching a load sensor (5, 5a, 5b, 5c, 5d, 5e) comprising a support with a number of scrain gauges on a surface (3) of a rotor blade (1). According to the invention, the method comprises the steps of producing a set of holes (.7) with a predefined distance (d) between the holes (7), providing threaded inserts (9) in the holes (7), and inserting bolts (13) through the load sensor (5, 5a, 5b, 5c, 5d, 5e) into the threaded inserts (9) . The invention also concerns a rotor blade (1) with a load sensor (5, 5a, 5b, 5c, 5d, and 5e) .

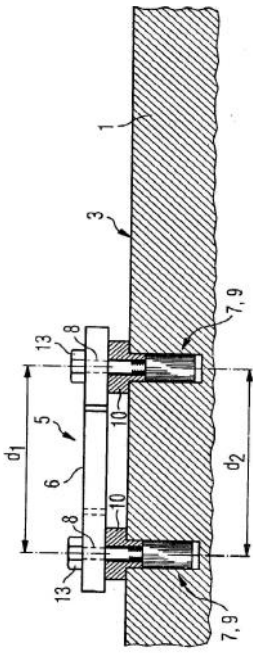


FIG-2

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2010

(21) Application No.8354/DELNP/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : COMPRESSED IMAGE NOISE REMOVAL DEVICE AND REPRODUCTION DEVICE

(51) International classification :H04N
(31) Priority Document No :2008-195634
(32) Priority Date :30/07/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/060422
Filing Date :08/06/2009
(87) International Publication No :WO 2010/013543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI CONSUMER ELECTRONICS CO., LTD.
Address of Applicant :2-1, OTEMACHI 2-CHOME, CHIYODA-KU, TOKYO JAPAN.
(72)**Name of Inventor :**
1)YATABE YUSUKE
2)KOMI HIRONORI

(57) Abstract :
A compressed-image noise removal device includes a decoder unit for decoding digital-image-compressed stream, an information holding unit for holding sub information by the amount of a plurality of blocks, the sub information being decoded by a VLD unit, a noise judgment unit for making a judgment on noise removal of a display image generated by the decoder unit, and the information holding unit, a noise removal unit for executing the noise removal of a block whose noise removal has been judged to be executed by the noise judgment unit, using image data outputted from an inverse quantization unit, motion compensation data outputted from a motion compensation unit, and the sub information held in the information holding unit, and a display-image holding unit for holding, as a display image, an output image of the noise removal unit if the noise removal has been judged to be executed by the noise judgment unit, or the output of the decoder unit if the noise removal has been judged not to be executed thereby.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2010

(21) Application No.8355/DELNP/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PROBIOTICS TO IMPROVE GUT MICROBIOTA

(51) International classification :A23L
(31) Priority Document No :08157010.3
(32) Priority Date :27/05/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/055737
Filing Date :12/05/2009
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NESTEC S.A.
Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(72)**Name of Inventor :**
1)ROCHAT, FLORENCE
2)FICHOT, MARIE-CLAIRE

(57) Abstract :
The use of probiotic bacteria in the manufacture of a medicament or therapeutic nutritional composition for promoting the development of an early bifidogenic intestinal microbiota in infants without siblings.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2010

(21) Application No.2807/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : NOVEL SALTS AND POLYMORPHIC FORMS OF AFATINIB

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RATIOPHARM GMBH
Address of Applicant :GRAF-ARCO-STRASSE 3, 89079 ULM, GERMANY
(72)**Name of Inventor :**
1)RAMESH MATIORAM GIDWANI
2)CHANNAVEERAYYA HIREMATH
3)MANOJ DALSINGAR YADAV
4)WOLFGANG ALBRECHT
5)DIRK FISCHER

(57) Abstract :
The present invention relates to novel salts and polymorphic forms of afatinib, to a process for their manufacture and their use In pharmaceutical compositions. In particular, the present Invention relates to an active pharmaceutical ingredient selected from afatinib free base in polymorphic form A, afatinib free base in polymorphic form B, afatinib free base in polymorphic form C, afatinib free base in polymorphic form D and salts of the afatinib free base with one or more acid compounds of the Formula HmX, wherein H is a dissociable hydrogen atom, X is a pharmaceutically acceptable residue and m is a natural number.

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/12/2010
(21) Application No.3180/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A SYNERGISTIC DEGREASING COMPOSITION AND AN IMPROVED PROCESS FOR AQUEOUS DEGREASING OF HIDES AND SKINS THEREWITH

(51) International classification :C11D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.
(72)**Name of Inventor :**
1)GOVINDAN DEVIKAVATHI
2)VENKATASUBRAMANIAN SIVAKUMAR
3)VICTOR JOHN SUNDAR
4)THIRUMALAISAMY RANGASAMY
5)CHELLAPPA MURALIDHARAN

(57) Abstract :
The present invention provides an eco friendly composition and process for removal of fat from hides and skins, which uses soap nut powder and bentonite. The process does not require conventional solvents or enzymes. It is a versatile process, which is applicable to all kinds of raw materials. The important feature of the process is that it minimizes liquid and air pollution. Moreover, it is carried out concurrently as an extension of one of the unit operations of pre tanning.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2010

(21) Application No.8393/DELNP/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : TIMEPIECE MECHANISM AND MODULE COMPRISING SUCH A MECHANISM•

(51) International classification :G04B
(31) Priority Document No :08156728.1
(32) Priority Date :22/05/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2009/055821
Filing Date :14/05/2008
(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)CT TIME S.A.
Address of Applicant :Eplatures-Grise 16 CH-2301 La Chaux-de-Fonds SWITZERLAND
(72)**Name of Inventor :**
1)GIRARDIN Johnny Frdric
2)ORNY Franck-Charles-Cyril
3)MARTINEZ Daniel

(57) Abstract :
This invention relates to a mechanism and a timepiece module independent of the bottom plate of a movement, of a simple and compact design. The timepiece mechanism comprises a control stem (3) mounted in a pivoting manner and movable between at least two axial positions, a control pinion (11; 13) mounted so as to rotate with said control stem (3), and at least one actuating member (15, 24; 30) configured to engage with said control pinion (11; 13) when the control stem is occupying one of the axial positions. Said control pinion (11; 13) is also coupled translationally to said control stem (3) when the latter moves from one to the other of said two positions. The module comprises a case (2) containing said mechanism.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2010

(21) Application No.9036/DELNP/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SPARK PLUG

(51) International classification :H01T
(31) Priority Document No :2008-158992
(32) Priority Date :18/06/2008
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2009/002521
Filing Date :04/06/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NGK SPARK PLUG CO. LTD.
Address of Applicant :14-18 Takatsuji-cho Mizuho -ku Nagoya-shi Aichi 467 0872 JAPAN.
(72)**Name of Inventor :**
1)FUKUZAWA Reimon
2)MASUDA Hiroaki

(57) Abstract :
The ignitability of a spark plug configured without a noble metal for a center electrode and a ground electrode is improved. The spark plug comprises a center electrode, an insulator, a metal shell, and a ground electrode including a discharge surface. The ground electrode forms a spark gap between the discharge surface and the center electrode. The center electrode and the ground electrode both do not include a noble metal. The ground electrode comprises a proximal end portion combined with the metal shell and positioned above the discharge surface and a distal end portion including the discharge surface and positioned below the proximal end portion while continued from the proximal end portion. A width Da of the center electrode viewed from a first direction and a width Db of the proximal end portion viewed from the first direction satisfy Db/Da ‰0.92. The first direction is perpendicular to the axial direction and directing from the proximal end portion to the center electrode.

No. of Pages : 76 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2010
(21) Application No.3083/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM TO TRANSITION SYSTEM POWER STATE OF A COMPUTER PLATFORM

(51) International classification :C06F
(31) Priority Document 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)INTEL CORPORATION
Address of Applicant :2200 MISSION COLLEGE BLVD., M/S: RNB4-150, SANTA CLARA, CA 95052, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)MURALIDHAR, RAJEEV
2)SESHADRI, HARINARAYANAN
3)FLEMING, BRUCE, L.
4)RUDRAMUNI, VISHWESH

(57) Abstract :
Techniques to tie a processor power state transition on a platform to another power state transition on the platform. In an embodiment, processor governor functionality of an operating system detects an idle condition of a processor executing the operating system. Based on the processor idle condition and one or more indicated conditions of other platform devices, tying logic may determine a system power state to transition the platform to. For example, the tying logic may select from one of a plurality of idle standby system power states.

No. of Pages : 24 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2010

(21) Application No.2894/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : TURBINE ASSEMBLY

(51) International classification :F16H
(31) Priority Document No :09178147.6
(32) Priority Date :07/12/2009
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :BROWN BOVERI STRASSE 7, CH-5400 BADEN, SWITZERLAND
(72)**Name of Inventor :**
1)DAVID PAUL BLATCHFORD

(57) Abstract :
A turbine assembly comprising a rotor (1) with a channel (20) and a plurality of blades (10) with a root (30) rotationally fitted in the channel (20). The root (30) and channel (20) have complementary angled end walls (26, 36) while the root (30) is further configured to have radial play in the channel (20). The combination of this radial play and end wall angle enables, when the base (31) of the root (30) is in contact with the base (21) of the channel (20), over-rotation compared to when the base (31) of the root (30) and channel (20) are not in contact. This over-rotation enables the fitting of a last root (30) in the channel (20).

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.3045/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : MULTI-LEVEL SOFA HINGE FOR SOFA CONVERTIBLE

(51) International classification :A47C
(31) Priority Document No :12/860,965
(32) Priority Date :23/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LIFESTYLE SOLUTIONS, INC.
Address of Applicant :5555 AUTO MALL PARKWAY, FREMONT, CALIFORNIA, 94538 (US) U.S.A.
(72)**Name of Inventor :**
1)KANTHASAMY, ABEDAN

(57) Abstract :
A sofa hinge that provides easy conversion of a sofa convertible from one position to another while providing added safety by substantially reducing the risk of an injury to the operators fingers. The sofa hinge includes a first and a second bracket rotatably connected to the sofa hinge at a bolt. The second bracket includes a semi-circular portion that covers a portion of the lever during the various positions of the sofa. The sofa hinge further includes a cover plate rotatably connected to the sofa hinge at the bolt. The cover plate includes a semi-circular portion and is adjacent to the semi-circular portion of the second bracket. The cover plate covers at least a portion of the semi-circular portion of the second bracket. By having the cover plate conceal the gear mechanism of the sofa hinge, the risk of injury to the operators fingers is substantially reduced.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2010

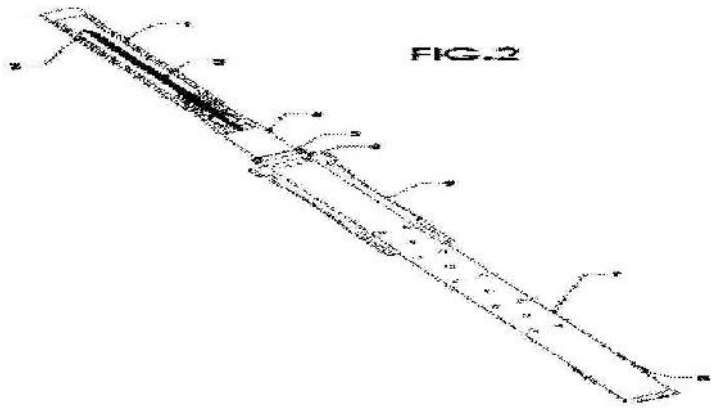
(21) Application No.3047/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A PASSIVE SAFETY INTRA-VENOUS CATHETER ASSEMBLEY

(51) International classification :A61M
(31) Priority Document 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)MEDIPLUS (INDIA) LIMITED
Address of Applicant :1261-1262 M.I.E. BAHADURGARH HARYANA-124507 India
(72)**Name of Inventor :**
1)SHARAD MITTAL
2)SANDEEP GOEL

(57) Abstract :
A safety intravenous catheter assembly is introduced with a housing and catheter unit. The housing has a hollow body; the said hollow is cylindrical in shape and has a nose at its front end, elongated slot along its length, and wings at the rear end. The housing has a retractable means includes a slidable means, connecting tab and cannula unit, wherein the slidable means is half cylindrical in shape and connecting tab is a rectangular shaped structure which connect the slidable means and cannula hub of cannula unit. The hollow body is closed at the rear end through a closing means and further includes a pair of wings at its rear end. The sliding means of retractable means includes a pair of locking tabs designed in a rectangular shaped slot. The said connecting tab is connecting at its one end to the inside surface of the slidable means and at another end to the outer surface of cannula hub of cannula unit to form a single movable means.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2010
(21) Application No.2843/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : COMPOSITION FOR TREATING METAL SURFACE AND METAL SUBSTRATE WITH SURFACE TREATMENT FILM

(51) International classification :C25D
(31) Priority Document No :2009-276928
(32) Priority Date :04/12/2009
(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)KANSAI PAINT CO., LTD.
Address of Applicant :33-1, KANZAKICHO, AMAGASAKI-SHI, HYOGO, JAPAN
(72)**Name of Inventor :**
1)NAGAI, AKINORI
2)ASHIDA, YASUNARI
3)YAMAMOTO, MASATO

(57) Abstract :
The present invention provides a composition for treating a metal surface comprising the components (A) to (C) : (A) a titanium-containing aqueous solution (A1) obtained by mixing at least one titanium compound selected from the group consisting of hydrolyzable titanium compounds, condensates thereof, titanium hydroxide and condensates thereof, with hydrogen peroxide water, or a peroxovanadic acid aqueous solution (A2), (B) an organic phosphoric acid compound, and (C) the condensation product of an aminosilane (cl) and a polysilyl functional silane (c2). The composition for treating a metal surface of the present invention has excellent storage properties and can form surface treatment films with excellent corrosion resistance and excellent adhesion with coating films that are formed in subsequent coating steps.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2010

(21) Application No.2999/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SUPPORT STRUCTURE FOR SUPPORTING AN OFFSHORE WIND TURBINE

(51) International classification :F03D
(31) Priority Document No :EP10152435
(32) Priority Date :02/02/2010
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY
(72)**Name of Inventor :**
1)HARTKOPF; RUNE

(57) Abstract :
Support structure for supporting an offshore wind turbine A support structure (1, 100) for supporting offshore wind turbines is provided. It comprises a foundation (2) configured to at least partly contact a seabed and at least part of a tower (3) . The foundation (2) and the at least part of the tower (3) are one-piece.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/1999

(21) Application No.1265/DEL/1999 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : TAXOIDS THIER PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification :A61K
(31) Priority Document No :95153679
(32) Priority Date :22/12/1999
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RHONE-POULENC RORER S.A
Address of Applicant :20 AVENUE RAYMOND ARON 92160 ANTONY FRANCE
(72)**Name of Inventor :**
1)HERVE BOUCHARD
2)ALAIN COMMERCON

(57) Abstract :
A taxoid of general formula: in which: Z represents a hydrogen atom or a radical of general formula: in which: R1 represents a benzoyl radical optionally substituted by one or more identical or different atoms or radicals chosen from halogen atoms and alkyl radicals containing 1 to 4 carbon atoms, alkoxy radicals containing 1 to 4 carbon atoms or trifluoromethyl radicals, a thenoyl or furoyl radical or a radical R2-O-CO- in which R2 represents an alkyl radical containing 1 to 8 carbon atoms, an alkenyl radical containing 2 to 8 carbon atoms, an alkynyl radical containing 3 to 8 carbon atoms, a cycloalkyl radical containing 3 to 6 carbon atoms, a cycloalkenyl radical containing 4 to 6 carbon atoms or a bicycloalkyl radical containing 7 to 10 carbon atoms, these radicals being optionally substituted by one

No. of Pages : 74 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2010

(21) Application No.2797/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : LOWER STRUCTURE OF VEHICLE BODY REAR PART

(51) International classification :B62D
(31) Priority Document No :2009-268719
(32) Priority Date :26/11/2009
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUZUKI MOTOR CORPORATION
Address of Applicant :300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN
(72)**Name of Inventor :**
1)SOUMA, TAKAYUKI
2)NISHIDA, NORIO

(57) Abstract :
A lower structure of a vehicle body rear part includes a spare tire housing 3 formed on a rear floor 2, a rear cross member 5 disposed in front of the spare tire housing 3 to connect side frames 4, and a hook reinforcing member 6 disposed in the center in the vehicle width direction on the lower surface of the spare tire housing 3 and extending in the vehicle longitudinal direction. The front end portion of the hook reinforcing member 6 is connected to the rear cross member 5, and the rear end portion thereof extends to the rear end portion of the rear floor 2. The side frame 4 at the vehicle rear of the rear cross member 5 is divided into a frame front part 11 and a frame rear part 12 in the vehicle longitudinal direction, and the hook reinforcing member 6 is divided into a reinforcing member front part 21 and a reinforcing member rear part 22 in the vehicle longitudinal direction. The frame front part 11 has a rigidity higher than that of the frame rear part 12, and the reinforcing member rear part 22 has a rigidity higher than that of the reinforcing member front part 21, and two division positions 10 and 20 coincide with each other in the longitudinal direction.

No. of Pages : 24 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2011
(21) Application No.2696/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A NOVEL REGULATOR OF PANCREATIC BETA CELLS AND TESTICULAR SPERMATOGONIAL CELLS PROLIFERATION

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110 001, INDIA.
(72)**Name of Inventor :**
1)SATISH KUMAR
2)VIJAY PRATAP SINGH

(57) Abstract :
WD-repeat proteins are very diverse, yet these are structurally related proteins that participate in a wide range of cellular functions. WDR13, a member of this family, is conserved from fishes to humans and localizes into the nucleus. To understand the in vivo function(s) of Wdrl3 gene, we have created and characterized a mutant mouse strain lacking this gene. The mutant mice had higher serum insulin levels and increased pancreatic islet mass as a result of the enhanced beta cell proliferation. While a known cell cycle inhibitor, p21, was down regulated in the mutant islets overexpression of WDR13 in the pancreatic MIN6 cell line resulted in upregulation of p21, accompanied by retardation of cell proliferation. We suggest that WDR13 is a novel negative regulator of the pancreatic beta cell proliferation. Co-immunoprecipitation experiments showed that this protein interacts with estrogen receptors and various HDACs. We provide evidence to show that WDR13 can regulate estrogen receptors-mediated transcription both in HDAC-dependent and HDAC-independent manner. Given the higher insulin levels, better glucose clearance and the lack of insulin resistance in WDR13 deficient mice, we propose that this protein may be a potential candidate drug target for ameliorating impaired glucose metabolism in diabetes.

No. of Pages : 83 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/11/2010
(21) Application No.2760/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : NOVEL CONJUGATES FOR TARGETED DRUG DELIVERY

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VENUS REMEDIES LIMITED
Address of Applicant :51-52, INDUSTRIAL AREA, PHASE-1, PANCHKULA, 134113 Haryana India
(72)**Name of Inventor :**
1)CHAUDHARY, MANU

(57) Abstract :
The present invention relates to a novel drug delivery system comprising a drug(s)/protein/polymer triple conjugate comprising of (i) a protein capable of binding selectively to a particular target site possessed by a cell/affected organ, (ii) a polymeric carrier covalently linked to a protein and (iii) one or more drug molecules covalently linked to said polymeric carrier. The conjugates of the present invention have better target specificity and better selectivity to a defined population of cells/organs(s). The present invention further relates to the processes for the preparation of said conjugates. The conjugates of the present invention are usefully employed in therapeutic as well as non-therapeutic, e.g., diagnostic applications.

No. of Pages : 47 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2010

(21) Application No.8312/DELNP/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : WASTE STORAGE DEVICE

(51) International classification :A47G
(31) Priority Document No :0809074.8
(32) Priority Date :19/05/2008
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2009/001219
Filing Date :15/05/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SANGENIC INTERNATIONAL LTD
Address of Applicant :Dudley Lane Cramlington Northumberland NE23 7RH United Kingdom
(72)**Name of Inventor :**
1)CUDWORTH Nicholas

(57) Abstract :
A waste storage device includes a waste storage cassette receiving chamber for receiving a cassette rotatable within the chamber and containing tubing for enveloping waste. The chamber includes a rotatable portion (602) mounted on a fixed portion (604) of the device, the rotatable portion (602) being rotatable with the cassette. The device further comprises a deformable portion (601) mounted on the fixed portion (604) and moveable between an undeformed position to prevent rotation of the cassette and a deformed position to allow rotation of the cassette.

No. of Pages : 59 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2010
(21) Application No.2811/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SYSTEM, DEVICE, AND METHOD FOR ACOUSTIC AND VISUAL MONITORING OF A WIND TURBINE

(51) International classification :G01D
(31) Priority Document No :12/634,435
(32) Priority Date :09/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)KERBER LUTZ
2)DOORENSPLEET FLORIAN

(57) Abstract :
A system (400) for monitoring a wind turbine (100) is provided. The system includes a monitoring device (200) coupled to the wind turbine and configured to provide one or more monitoring signals including at least one of an audio signal and an image signal, and a monitoring controller (420) communicatively coupled to the monitoring device and is configured to provide baseline data representative of normal operation of the wind turbine, create operating data based on a monitoring signal received from the monitoring device, compare the operating data to the baseline data to determine a deviation, and transmit a deviation notification when the deviation exceeds a threshold.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2010

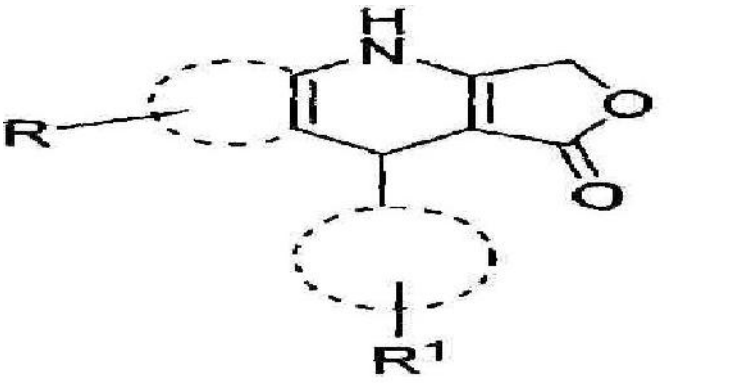
(21) Application No.2887/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : BIOLOGICAL EVALUATION OF 4-AZA-2,3-DIDEHYDROPODOPHYLLOTOXIN ANALOGUES POSSESSING POTENT ANTITUMOUR ACTIVITY

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.
(72)**Name of Inventor :**
1)AHMED KAMAL
2)PAIDAKULA SURESH
3)BANALA ASHWINI KUMAR
4)ADLA MALLAREDDY
5)PAPAGIRI VENKAT REDDY
6)JAKI RASHEED TAMBOLI

(57) Abstract :
The present invention provides compounds of general formula (4a-z and 4aa-4ae) as useful potential antitumour agents against human cancer cell lines. The present invention further provides a process for the synthesis of new 4-aza-2,3-didehydropodophyllotoxin compounds (4a-z and 4aa-4ae). R = 2,4 dimethoxy 5-pyrimidyl, 5-indyl,2-methyl-5-indyl,5-indazolyl, 6-benzthiazolyl,2-methyl-6-benzthiazolyl, 2-mercapto-5-imidazolyl, 5-triazolyl,3-(4-methoxyphenyl)5-isoxazolyl,3-(4-chlorophenyl)5-isoxazolyl,2,3,4-trimethoxyphenyl, R1 =3,4,5-trimethoxyphenyl,4-hydroxy-3-methoxyphenyl,3-hydroxy-4-methoxyphenyl,4-fluoro-3-methoxyphenyl,3-nitro-4-rnethoxyphenyl, 2-fluoro-4-methoxyphenyl



(4a-z and 4aa-4ae)

No. of Pages : 29 No. of Claims : 8

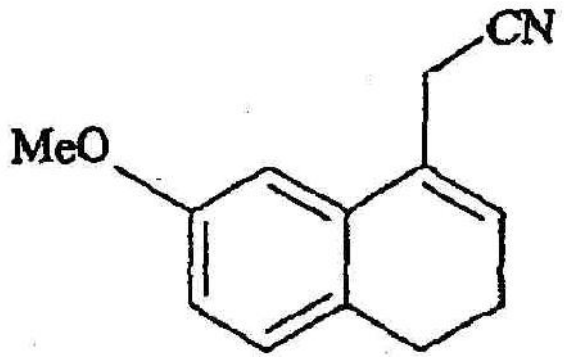
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2010
(21) Application No.2959/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF AGOMELATINE

(51) International classification :C07C
(31) Priority Document No :04.01439
(32) Priority Date :13/02/2004
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :242/DEL/2005
Filed on :07/02/2005

(71)**Name of Applicant :**
1)LES LABORATOIRES SERVIER
Address of Applicant :12, PLACE DE LA DEFENSE, 92415 COURBEVOIE CEDEX, FRANCE
(72)**Name of Inventor :**
1)JEAN CLAUDE SOUVIE
2)ISAAC GONZALEZ BLANCO
3)GILLES THOMINOT
4)GENEVIEVE CHAPUIS
5)STEPHANE HORVATH
6)GERARD DAMIEN

(57) Abstract :
Process for the synthesis of agomelatine starting from the compound of formula (VI), wherein the compound of formula (VI) is obtained by reacting 7-methoxy-l-tetralone of formula (III) with cyanoacetic acid of formula (IV) in conditions wherein the water formed is removed, in the presence of a catalytic amount of a compound of formula (V), wherein R and R, which may be the same or different, each represents a linear or branched (C3-C10)alkyl group, an unsubstituted or substituted aryl group, or an imsubstituted or substituted linear or branched aryl (C1-C6)alkyl group, to yield, after filtration and washing with a basic solution, (7-methoxy-3,4-dihydro-l- naphthalenyl)acetonitrile of formula (VI) which is then subjected to aromatisation followed by reduction and then to coupling with acetic anhydride.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2010

(21) Application No.2960/DEL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : CRYSTALLINE II FORM OF AGOMELATINE OF FORMULA (I)

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :242/DEL/2005
Filed on :07/02/2005

(71)**Name of Applicant :**
1)LES LABORATOIRES SERVIER
Address of Applicant :12, PLACE DE LA DEFENSE, 92415 COURBEVOIE CEDEX, FRANCE
(72)**Name of Inventor :**
1)JEAN-CLAUDE SOUVIE
2)ISAAC GONZALEZ BLANCO
3)GILLES THOMINOT
4)GENEVIEVE CHAPUIS
5)STEPHANE HORVATH
6)GERARD DAMIEN

(57) Abstract :
Crystalline II form of agomelatine of formula (I): characterised by the following parameters, obtained from the powder diagram obtained using a Bruker AXS D8 high-resolution diffractometer having a 29 angular range of 3°-90°, a step of0.01° and 30s per step: - monoclinic crystal lattice - lattice parameters: a = 20.0903 A, b = 9.3194 A, c = 15.4796 A, = 108.667° - space group: P21/n - number of molecules in the vmit cell: 8 - unit cell volume: Vunitcell = 2746.742 A - density: d= 1.13g/cm3

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2012
(21) Application No.755/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A PRESSING FIXTURE FOR PRESSING STATOR LAMINATIONS OF A CEILING FAN

(51) International classification	:H02K 5/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: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)CROMPTON GREAVES LIMITED
Address of Applicant :CG HOUSE, DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)ABHIJIT ZAWARE
2)SONALI SANGAMKAR

(57) Abstract :
A pressing fixture 100 for pressing stator laminations 102 includes a punch holder 110 rigidly mounted on a bottom plate 108, the punch holder 110 includes a pair of locating pins 118 inserted centrally within the punch holder 110 and attached thereto. A plurality of studs 120 is also insertable within the punch holder 110. A spacer plate 124 and a die plate 126 are insertable within the plurality of studs 120 for being mounted over the punch holder 110. The pressing fixture 100 also includes a resting plate 130 having a central slot that is insertable within the pair of locating pins 118 so as to contact the top surface of the punch holder 110, the resting plate has a plurality of seating spaces formed thereon, each of the seating spaces holding a vertically oriented biasing member. An ejector 134 is supported over each of the biasing members and includes a pair of openings 138 and a top surface, the top surface supports the stator laminations 102 that has a pair of openings corresponding to the pair of openings of the ejector, the pair of openings of both the ejector 134 and the stator laminations 102 receivable within the pair of locating pins 118 when assembled within the central bore. A pressing member 144 having a pair of passageways 146 is attached to a top plate 142 that is axially aligned with the bottom plate 108 and capable of describing a guided reciprocal movement against the bottom plate 108 when the pressing fixture 100 is in operation

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2012
(21) Application No.806/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : ENTERPRISE ARCHITECTURE PROGRAM MATURITY ASSESSMENT MODEL

(51) International classification	:G06Q 10/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)INDRA, PARTHAPRATIM
2)CHAUDHURY, RUPAM
3)MUKHERJEE, KAUSIK
4)MUSUNURI, MURALI

(57) Abstract :
A system and a method for facilitating assessment of maturity of enterprise architecture program of one or more organization is disclosed. Assessment parameters pertaining to the enterprise Architecture program are gathered and stored from one or more stakeholders as well as enterprise level artifacts pertaining to EA program. These assessment parameters are further analyzed and correlated with the system assessment parameters for determining the current maturity state of the Enterprise Architecture Program and also to provide recommendations for achieving the target maturity level.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2012

(21) Application No.807/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A METHOD AND A SYSTEM FOR AUTOMATING AN ENTERPRISE NETWORK OPTIMIZATION

(51) International classification	:G06Q 10/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Tata Consultancy Services Limited
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point Mumbai 400021, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)Shameemraj M Nadaf
2)Hemant Kumar Rath
3)Anantha Simha

(57) Abstract :
A method for optimizing a distributed enterprise information technology (IT) network infrastructure wherein the IT infrastructure comprises at least one server at least one storage element and at least one network element. The method comprises processor implemented steps of collecting data and arranging the collected data pertaining to an existing state of the information technology network infrastructure in a first set of templates. The method further comprises of mapping the existing state and a new state of at least one of the servers and the storage elements with the existing set of network elements using the first set of templates to form a second set of templates wherein the method further comprises of planning the new state of the IT network infrastructure for transformation using the first set of templates and the second set of templates the new state being the optimized state.

No. of Pages : 27 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2012
(21) Application No.794/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : TRIPPING AND RESETTING MECHANISM ARRANGEMENT IN MODULAR DEVICE.

(51) International classification	:H01H 71/52	(71)**Name of Applicant :** **1)LARSEN & TOUBRO LIMITED** Address of Applicant :LARSEN & TOUBRO LIMITED ELECTRICAL & AUTOMATION NORTH WING, GATE 7, LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI 400 072, MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :** **1)PRADEEP K. G** **2)VINOD DESHMUKH**
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention provides a mechanism for tripping and resetting arrangements in the under-voltage or over-voltage accessory for circuit breaker which provides tripping and resetting of the breaker with less power and accessory. Further, a solenoid in the mechanism for tripping and resetting of the proposer accessory is operated by an electronic circuit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2012

(21) Application No.795/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A MUFFLER

(51) International classification	:F16L 3/16	(71)**Name of Applicant :** **1)TATA MOTORS LIMITED** Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)MANDAL GOUTAM** **2)DAS SAURAV** **3)SAO ARIJIT** **4)DEYSARKAR SUBIR**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The disclosure provides a muffler comprising a muffler body having at least one inlet and at least one outlet of predetermined shape on its either ends. Further at least one baffle plate having plurality of holes is placed inside muffler at a predetermined location to bifurcate muffler body into chambers. In addition at least one pressure control valve is placed inside at least one of the chamber wherein said pressure control valve comprises a control rod placed axially inside at least one of the chambers and a movable plate mounted on the control rod at vicinity of at least one hole of the baffle plate connecting adjacent chambers such that movable plate is displaced when pressure inside the adjacent chamber exceeds a predetermined limit also there is a provision to fully open the pressure control valve when noise attenuation is not that much requirement but ˜kmpl™ is more important

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2012
(21) Application No.906/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : IMPROVED TRIPPING ASSEMBLY FOR CIRCUIT BREAKERS

(51) International classification	:H01H 71/74
(31) Priority Document 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)LARSEN & TOUBRO LIMITED
Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)LAKSHMINARAYANAN, BALAJI

(57) Abstract :
This invention relates generally to circuit breakers. More particularly the present invention relates to an improved tripping assembly for circuit breakers. An improved tripping assembly for circuit breakers comprising atleast a trip latch; atleast a moving core held by magnetic attraction against a spring; atleast a magnet held in a plastic holder on a base plate thereby avoiding direct mechanical impact; atleast a coil wound over said moving core kept stationary thereby facilitating tripping of device; atleast a spring kept inside said moving core continuously pulling off said base plate surface; atleast an outer frame; an air gap to control flux in available parallel paths; wherein said outer frame providing a second parallel path during de-latched condition and acting as an electromagnetic shield during latched condition. The invention provides for a simple construction with ease of manufacturing and assembling.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2012
(21) Application No.907/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : COMPACT CURRENT TRANSFORMERS AS A POWERING DEVICE

(51) International classification	:G01R 15/18
(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)LARSEN & TOUBRO LIMITED
Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)DESHPANDE PRACHI
2)GHOSAL RUDRA PRASAD

(57) Abstract :
The present invention relates to an improved current transformer as powering device. The device comprising a secondary coil; a conductor; an core; a bypass limb having a flux bypass path substantially adhered to the core and the limb placed between conductor and secondary coil; plurality of spacers substantially placed between the bypass limb. The spacers adapted to provide with the air gap in bypass path.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2012
(21) Application No.970/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : CONTROL FACIA FOR MCC SWITCHBOARD MODULE.

(51) International classification	:H02J 9/00
(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)LARSEN & TOUBRO LIMITED
Address of Applicant :LARSEN & TOUBRO LIMITED ELECTRICAL & AUTOMATION NORTH WING, GATE 7, LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI 400 072, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)NILOY KHATUA
2)ROHIDAS LASTE

(57) Abstract :
The present invention provides a control facia assembly that includes a bracket, a control facia body and a control facia top cover. The control facia body is mounted on the bracket. The control facia top cover is hingedly connected to the control facia body through a hinged mechanism that facilitates movement of the control facia top cover. The control facia body includes a first conical shaped portion and a second conical shaped portion that respectively define a plurality of ribs and a plurality of indentations that connect in a snap-fit arrangement. The control facia body and the control facia top cover respectively include a first handle and a second handle that connect to facilitate a padlocking arrangement. The control facia top cover is having a middle portion of a predefined thickness adapted for assisting in a snap-fitted engagement of the indentations with the ribs.

No. of Pages : 22 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2012
(21) Application No.810/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : AN EVENT TRIGGERED LOCATION BASED PARTICIPATORY SURVEILLANCE

(51) International classification	:H04W 64/00
(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)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)CHATTOPADHYAY DHIMAN
2)PAL ARPAN
3)BANERJEE ROHAN
4)DASGUPTA RANJAN
5)SINHA PRIYANKA
6)SINHA ANIRUDDHA
7)BHAUMIK CHIRABRATA

(57) Abstract :
The present invention provides the multimodality filtration surveillance comprising of a plurality of filtration stages executed at the backend server to confirm nature of anomaly in an event, the filtration stages comprising: a first filter of a video anomalies detection in the event for a specified time-place value, a second filter of a city soundscape adapted to provide a localized decibel maps of a city, a third filter of a geocoded social network adapted to semantically read and analyze data from one or more social media corresponding to the specified time-place value, and a fourth filter of an event triggered or proactive local participatory surveillance adapted to provide augmented information on the detected anomalies.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.913/MUM/2012 A
(19) INDIA
(22) Date of filing of Application :28/03/2012
(43) Publication Date : 08/11/2013

(54) Title of the invention : CONTACT ARRANGEMENT FOR SWITCHGEARS

(51) International classification	:H02B 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: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)LARSEN & TOUBRO LIMITED
Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)SHREEYASH PATANKAR

(57) Abstract :
A contact arrangement for switchgear is provided. The contact arrangement comprising atleast one tubular female member at a first terminal and atleast one tubular male member at a first terminal having at least a slit at an open end Of the tubular male member, the slit contracting when the tubular male member ingresses into the tubular female member.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.914/MUM/2012 A
(19) INDIA
(22) Date of filing of Application :28/03/2012
(43) Publication Date : 08/11/2013

(54) Title of the invention : TERMINAL CONNECTOR MODULE FOR A CIRCUIT BREAKER

(51) International classification	:H01H 71/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)LARSEN & TOUBRO LIMITED
Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)ANOOP PHILIP
2)MUKUL GUPTA
3)RAMASAMY VEERASAMY

(57) Abstract :
A circuit breaker comprising a terminal connector module is provided. The terminal connector module electrically couples the contacts and terminals of the circuit breaker, the terminal connector module comprising: a molded housing; a plurality of integrally molded portions on the molded housing, the molded portions extending out of the molded housing; a protrusion on top surface of the molded housing, the protrusion being adapted to receive a cage and tunnel box clamp, and a nut, the nut being capable of accommodating a link, wherein, the terminal connector module provides a venturi path within the circuit breaker for exuding undesirable gases out of arc chambers of the circuit breaker.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2012

(21) Application No.915/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : ROBOTIC WELDING FOR MOTORCYCLE SEAT COVER

(51) International classification	:H02B 11/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: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)VARROC POLYMERS PVT. LTD.
Address of Applicant :RESEARCH AND DEVELOPMENT CENTER, VARROC POLYMERS PVT. LTD., PLANT - V. PLOT NO. : L - 6/2 B, MIDC, WALUJ, AURANGABAD - 431 136, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)RAMCHANDRA PURASHOTTAM SHEJWAL
2)GANESH GANGADHAR GARKHEDKAR
3)BHUSHAN DNYANDEV MAHAJAN
4)LAXMIKANT LILADHAR PURANIK

(57) Abstract :
This invention comprises a method of ultrasonic welding of plastic parts of a motorcycle seat cover wherein the welding is performed by a robot holding at least one horn. The invention is illustrated by robotic ultrasonic welding of a seat cover that has four parts consisting of: a Seat cover Left hand part (LH) (7), a Seat cover Right hand part (RH) (4), a Seat cover tail (29) and a Bottom cover (32); and the welding is performed in three stages. In one aspect of the invention, cooling is provided in the welding fixture, which cools the part avoiding extra material formation and producing defect free part. The method resulted in improvement n productivity due to savings in rejection and cycle time reduction. The method is also design friendly.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2012
(21) Application No.1053/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SELECTIVE CONTINUITY OF AUXILIARY CONTACTS IN COMPACT FEEDER OF MOTOR CONTROL CENTRE (MCC) SWITCHBOARD

(51) International classification :H02B1/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :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)LARSEN & TOUBRO LIMITED
Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)SANYAL. SHUBHO
2)BHOLE PRITESH KAMALAKAR

(57) Abstract :
The present invention generally relates to feeders in a Motor Control Centre. More particularly the present invention relates to an improved contact arrangement in a motor control centre feeder. It relates to Secondary Isolation Contact (SIC) of Fractional Width Feeders to avail control supply and to communicate the signal to external circuitry.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2012

(21) Application No.1054/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : AUTO SEQUENCING OF ELECTRODES ON FO550S SPARK EDM MACHINE FOR MULTIPLE PARTS MACHINING

(51) International classification :B23H7/26
(31) Priority Document 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)LARSEN & TOUBRO LIMITED
Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)CHAURE, V.U.

(57) Abstract :
This invention relates generally to a machining device and a method for performing machining operation. More particularly the present invention relates to improved spark electrical discharge machine for multiple parts machining and a method thereof. It provides for auto sequencing of electrodes on spark EDM machine for multiple parts machining and a method thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2012
(21) Application No.978/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : HAND HELD TEST KIT FOR CIRCUIT BREAKER TRIP UNITS TO SIMULATE THREE PHASE CURRENT AND THREE PHASE VOLTAGE FAULT CONDITIONS

(51) International classification	:H01H 9/26
(31) Priority Document 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)LARSEN & TOUBRO LIMITED
Address of Applicant :LARSEN & TOUBRO LIMITED ELECTRICAL & AUTOMATION NORTH WING, GATE 7, LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI 400 072, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)BHANWAR LAL BISHNOI
2)APEKSHA BALASAHEB LANDE

(57) Abstract :
The present invention provides a simulation kit for testing the trip units for circuit breakers. The simulation kit having an enclosure, a flexible overlay, a display, a power adaptor, a interface cable, a USB slot and a SD card slot. The enclosure for enclosing a circuitry. The flexible overlay with plurality of navigation keys is disposed on the enclosure. The display is disposed on the enclosure parameterization and metering. The power adaptor is provided for connecting with the power source for charging batteries. The interface cable is provided for connecting with the trip unit. The USB slot is configured on the enclosure for connecting USB device. The SD card slot is provided for connecting the SD card and for storing with the test results and test scripts.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2012

(21) Application No.801/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : INSTRUMENT FOR IP4X TESTING

(51) International classification	:G01N 33/53
(31) Priority Document 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)LARSEN & TOUBRO LIMITED
Address of Applicant :L & T House Ballard Estate Mumbai 400 001 State of MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)JAGADALE Ramesh Raosaheb
2)LASTE Rohidas

(57) Abstract :
An instrument for testing IP4X standards of a product comprising: a housing means; a functional unit assembled within said housing means; and said functional unit comprising atleast one needle, atleast one slider, atleast one measuring scale, atleast one spring, and atleast one metallic pin.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2012

(21) Application No.802/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : IMPROVED SWITCH DISCONNECTOR MECHANISM WITH MECHANICAL ACTUATION

(51) International classification	:H01H 3/28
(31) Priority Document 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)LARSEN & TOUBRO LIMITED
Address of Applicant :L & T House Ballard Estate Mumbai 400 001 State of MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)LAKSHMINARAYAN Abhilash Manimandiram
2)SABAPATHY Manikandan

(57) Abstract :
This invention relates generally to a switch disconnector mechanism. More particularly the present invention relates to an improved switch disconnector mechanism with mechanical actuation. Said mechanism comprising atleast one knob (1); atleast one spring means (9) placed in between a top moving plate (7) and a bottom moving plate (8); a plurality of housing means (2, 16); atleast one cam means (4); atleast one cam spring (3) ; atleast one leaf spring means (5) placed in a slot provided in said housing means; atleast one cam spring placed on guide in said housing means; atleast one gear profile; and atleast one driver means.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2012
(21) Application No.860/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A LIFTING ARRANGEMENT FOR WINDSHIELD WIPER

(51) International classification	:B60S 1/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA MOTORS LIMITED
Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)UDAY SHANKARRAO SAMBARE
2)MAHESH PRATAPRAO SHINDE

(57) Abstract :
The invention relates to a windshield wiper assembly comprising: an arm head configured to be driven by a driven shaft; a wiper arm hingedly connected to the arm head and carrying one or more wiper blades, the wiper arm configured to be driven by the arm head to move the one or more wiper blades back and forth upon a windshield; and a removable spacer provided proximate to hingedly connected ends of the arm head and the wiper arm such that the removable spacer lifts the wiper arm from the windshield.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2012

(21) Application No.917/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A BUSH ASSEMBLY

(51) International classification	:F16D 1/096
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA MOTORS LIMITED
Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)SANTOSH KUMAR SINGH

(57) Abstract :
The present disclosure provides bush assembly. The bush assembly comprises outer bush having first bonded metallic sleeve second metallic sleeve disposed concentrically inside the first bonded metallic sleeve. A rubber is bonded in between the first bonded metallic sleeve and second metallic sleeve; said rubber comprises two or more voids of predetermined shape to facilitate variable stiffness in the outer bush. The bush assembly further comprises inner bush mounted concentrically inside outer bush. The inner bush comprises a first bonded metallic sleeve and a second metallic sleeve disposed concentrically inside the first bonded metallic sleeve. And rubber is bonded in between the first bonded metallic sleeve and the second metallic sleeve; said rubber comprises two or more of voids of predetermined shape to facilitate variable stiffness in the inner bush. Alternatively plurality of splines can be provided on outer bush and plurality of grooves can be provided on inner bush.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2012
(21) Application No.764/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : ADMINISTERING PAY PER USE SOFTWARE LICENSING

(51) International classification	:G06Q 30/00
(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)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)SINGH Meena
2)PATWARDHAN Nikhil
3)ROY Ashim

(57) Abstract :
A method and a system (102) for administering pay-per-use (PPU) licensing of software applications are disclosed. The system (102) comprises a processor (202-1) and a memory (206-1). The memory (206-1) comprises an administrative module (212) configured to generate a license file based upon a request sent by a user. The license file is used by the user for accessing a software application. The administrative module (212) is further configured to receive a log file from the user. The log file comprises a track of at least one of a number of usages of the software application and a time period of the software application. The memory further includes an assessment module (214) configured to determine a validity of the license file based upon the log file.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2012
(21) Application No.771/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A TOOL ASSEMBLY FOR REMOVAL OF STATOR WINDING FROM A MOTOR.

(51) International classification :H02K 15/16
(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 :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)CROMPTON GREAVES LIMITED
Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)CHATTERJEE CHAYAN
2)KHAVSE KRISHNA

(57) Abstract :
A tool assembly for removal of stator winding from a motor comprising a motor frame and a shrink-fitted stator winding in said motor frame, said tool assembly comprises: a pair of operatively vertically located elongate rods of equal length adapted to be located over said stator winding; and at least an operative horizontal rod adapted to be located such that it connects the operative proximal ends of said operative operatively vertically located elongate rods, said horizontal rod being adapted to receive vertical pressure from a pressure exerting assembly for removal of said stator windings from said frame.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2012
(21) Application No.772/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A JIG FOR ASSEMBLING MOVING CONTACT ASSEMBLY FOR INTERRUPTERS.

(51) International classification :B66B 23/00
(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)CROMPTON GREAVES LIMITED
Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)KULTHE SUNIL

(57) Abstract :
A jig for assembling moving contact assembly, which moving contact assembly being comprised of at least an adapter component, at least a moving arc contact component, at least a piston rod component, at least a rod end component, at least an auxiliary nozzle component, said jig comprises: first bracket comprising an elongate bar with longitudinally laterally located side arms, said side arms being an operative right hand side arm and an operative left hand side arm, each of said arms adapted to provide support to said piston rod component at its relative end portions such that its ends jut out beyond each of said side arms; and second bracket adapted to be located over the operative left hand side arm of said jig for securing positioned piston rod component.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/03/2012
(21) Application No.926/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PASSIVE KEYLESS ENTRY AND IGNITION SYSTEM USING A SINGLE ANTENNA IN A VEHICLE

(51) International classification	:B60R 25/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA MOTORS LIMITED
Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)SIDHARTH GUPTA
2)SANJEEV V M

(57) Abstract :
Embodiments of the present disclosure provide a system for passive keyless entry and push to start for a vehicle. The system comprises a single antenna to create LF field for a predefined area. In an embodiment, the single LF antenna of the vehicle is used to. charge battery of the key fob in failsafe condition. The LF antenna charges the transponder of the key fob to enable the key fob communicate with the vehicle for authentication. In an embodiment, the LF antenna is used to determine the location of key fob with respect to the vehicle. The vehicle determines the signal strength of the key fob to determine location of the key fob.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2012
(21) Application No.302/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : CONNECTION MANAGEMENT IN A COMPUTER NETWORKING ENVIRONMENT

(51) International classification :G06F13/00
(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)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building 9th Floor Nariman Point Mumbai 400021 MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)KUMAR Himanshu
2)AGRAWAL Nishant Kumar
3)NAMBIAR Manoj Karunakaran

(57) Abstract :
The present subject matter discloses a system (104) and a method for managing a connection between a client (102) and an application (214) within a server (104) in a network (106). In one implementation, the method includes receiving a connection request from the client (102). The method further includes associating with a worker thread (228), a unique identifier (UID) that uniquely identifies the received connection request. Further, the method involves, communicating a message that includes client data (216) associated with the connection request to the application (214) by the worker thread (228). The method also includes obtaining, by a reverse worker thread (230), a reply message (218) associated with the UID from the application (214). The reverse worker thread (230) is configured to communicate the reply message (218) to the client (102).

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2012

(21) Application No.1050/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : IMPROVED SWITCH GEAR ASSEMBLY PROVIDING FOR REDUCTION IN AC LOSSES

(51) International classification :H02B1/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :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)LARSEN & TOUBRO LIMITED
Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)TOMAR BRAJESH SINGH
2)GUPTA AMIT
3)PANDA DEBASIS
4)GODSE RANJANA J

(57) Abstract :
This invention relates generally to a switch gear assembly. More particularly the present invention relates to an improved switch gear assembly providing for reduction in AC losses in conductor path of a switch gear for use in electric transmission and distribution networks. Said assembly comprising a plurality of ferromagnetic material plated conductors; atleast a current path assembly comprising said conductors; atleast a flexible conductor (4) having one end welded to a conductor (3) at joint (9) and other end welded to a conductor (5) at joint (10); atleast a housing for assembling conductors etc.

No. of Pages : 15 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2012
(21) Application No.1052/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : IMPROVED MAGNETIC TRIPPING SYSTEM FOR A CIRCUIT BREAKER

(51) International classification :H01H71/16
(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 :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)LARSEN & TOUBRO LIMITED
Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)OCHANI DEEPAK

(57) Abstract :
This invention relates generally to a circuit breaker. More particularly, the present invention relates to an improved magnetic tripping system for a circuit breaker. Improved magnetic - tripping system for a circuit breaker comprising atleast one fixed magnet (2) connected to a link (1) with a screw (9); atleast one moving magnet (3) hinged with said fixed magnet using a pin (10), other end of said moving magnet connected to said pin (10) through a pair of extension springs (5) and a pair of sockets (6); atleast one screw (7) to adjust position of said moving magnet thereby substantially varying an air gap; and atleast one trip bar for tripping said circuit breaker.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2012
(21) Application No.722/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : INEXPENSIVE SOLUTION BASED FABRICATION METHOD FOR SOLAR CELL

(51) International classification :H01L31/0236
(31) Priority Document 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)CROMPTON GREAVES LIMITED
Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE BESANT ROAD, WORLI, MUMBAI 400 030, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)ROY PRADIP
2)SHUKLA GAURAV

(57) Abstract :
An inexpensive Quantum Dot Sensitized Solar Cell (QDSSC); said cell comprising a) a nanorod array of metal oxide as core shell on a glass substrate; b) sensitized nanorod array of metal oxide layer with CuInS2 nanocrystals; and c) co-sensitized sensitized nanorod metal oxide layer with CuInS2 nanocrystals, with In2S3 to quantum confined nanocrystals onto the nanorod array. The Quantum Dot Sensitized Solar Cell (QDSSC) of the invention made according to the solution based fabrication method of the invention where efficiency of the cell is improved to 2.92% via co-sensitization of CuInS2 nanocrystals and In2S3 layer of Ti02 nanorod arrays.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/03/2012

(21) Application No.723/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A VIDEO MESSAGING SYSTEM

(51) International classification :G06F17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)S & P CONCEPTS LLP
Address of Applicant :212, TULSIANI CHABERS, FREE PRESS JOURNAL MARG, NARIMAN POINT, MUMBAI-400021. Maharashtra India
(72)**Name of Inventor :**
1)MR. RUNIT SHAH

(57) Abstract :
Disclosed herein is a method for composing transmitting and receiving still, motion images, audio and text from sender client device to recipient client device over a application server characterized in that the video is composed with camera hardware integrated with the email composing software and the still/motion images along with text can be transmitted offline.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2012
(21) Application No.1067/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : EASY MOUNTING CIRCUIT BREAKER

(51) International classification :H01H71/16
(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 :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)LARSEN & TOUBRO LIMITED
Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, STATE OF MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)CONTARDI AUGUSTO
2)BIANCHI, ALBERTO
3)AMBEKAR, MANDAR

(57) Abstract :
An easy mounting circuit breaker is disclosed which comprises an external casing that encloses an operating kinematic chain guided by a handle wherein the handle is connected to a drum. The drum is connected to an operating arm that further connects to a latch. The latch is free to rotate around a first axle-bearing which is removably connected to an actuating lever. The actuating lever rotates around a second axle-bearing when not engaged to the latch. A support is joined to the first axle-bearing and to the second axle bearing. A third axle-bearing is defined by a hook-joined between the lever and the support. The operating kinematic chain includes a quick make device having a pin, a lever and a return spring.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2012
(21) Application No.289/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : ENTRY POINT GUIDE WITH BEVELLED TIP

(51) International classification	:B24B 19/16
(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	: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)DR. ATHARV PRASHANT MORALWAR
Address of Applicant :310, NIRMAN VYAPAR KENDRA, 3RD FLOOR, ABOVE HOTEL NAVRATNA, SECTOR 17, VASHI, NAVI MUMBAI 400 705 MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)DR. ATHARV PRASHANT MORALWAR

(57) Abstract :
A surgical device for inserting an implant in a bone is disclosed. The surgical device is particularly suitable for inserting a trocar tip guide wire at greater trochanter or pyriformis fossa of the femur bone for treatment of inter-trochanteric, sub-trochanteric and femur shaft fractures. The device (100) comprises a cylindrical sleeve (106) having a distal end (108) and a proximal end (102) for slidably receiving the trocar tip guide wire centrally in the longitudinal bore, wherein, the cylindrical sleeve (106) is bent at an angle in the range of 8 -12 ° and attached at an angle in the range of 100 - 150 ° to an elongated connecting rod (112), and the distal end (108) has a narrow beveled tip at an angle in the range of 40 - 60 ° with the cylindrical sleeve (106) for providing easy access through the human tissue and causing minimum damage to the tissue.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2011

(21) Application No.2890/MUM/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : VARIABLE OVERLOAD PROTECTION FOR MCCB

(51) International classification	:H02H 7/30	(71)**Name of Applicant :** **1)LARSEN & TOUBRO LIMITED** Address of Applicant :L & T House Ballard Estate Mumbai 400 001 State of MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)AGRAWAL Alok;**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention relates to a system for variable overload protection in moulded case circuit breakers. The system comprises a current carrying part (1) having two arms of unequal length, a bimetallic strip means (2) having predetermined active length for deflection being fixed to the current carrying part at its one end, a slider means (4) wherein engaged with the strip means (2) such that sliding motion of said slider means varies the active length of said strip means, a carrier element (5) holding the slider means such that the slider means is movable in a substantially vertical direction. The current carrying part comprises a slot means having length substantially equal to said strip means so as to accommodate said slider means and said carrier element in a manner that vertical movement of said carrier element being restricted, rotation of the carrier element allows said slider means to be vertically adjustable at various length position thereby providing various active lengths for said bimetallic strip.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2011
(21) Application No.2891/MUM/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : AN IMPROVED ARRANGEMENT FOR COOLING OF ELECTRICAL SWITCHGEAR

(51) International classification	:H01H 33/88	(71)**Name of Applicant :** **1)LARSEN & TOUBRO LIMITED** Address of Applicant :L & T House Ballard Estate Mumbai 400 001 State of MAHARASHTRA, INDIA
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)TOMAR Brajesh Singh;** **2)GODSE Ranjana J ;** **3)GUPTA Amit;**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication 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 relates to an improved arrangement for cooling and watt loss reduction of electrical switchgear. The arrangement comprising a circuit breaker assembly, a cradle means of the circuit breaker assembly operatively connected with the circuit breaker, a thermoelectric module which is mounted top of the first breaker adaptor of a circuit breaker assembly. The thermoelectric module comprises a heat sink mounted on thermoelectric module, plurality screw fixing the heat sink with the thermoelectric module and atleast one wire means connected with the module adapted to supply power to the module. The module further comprises a first side and a second side. The direction of the current flow is such that the first side is directly connected with first breaker adaptor and the second side is connected to the heat sink. The first side differs in temperature from the second side.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2012
(21) Application No.291/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : ENTRY POINT GUIDE WITH SERRATED TIP

(51) International classification :A61B17/00
(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)DR. ATHARV PRASHANT MORALWAR
Address of Applicant :310, NIRMAN VYAPAR KENDRA, 3RD FLOOR, ABOVE HOTEL NAVRATNA, SECTOR 17, VASHI, NAVI MUMBAI 400 705 MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)DR. ATHARV PRASHANT MORALWAR

(57) Abstract :
A surgical device for inserting an implant in a bone is disclosed. The surgical device is particularly suitable for inserting trocar tip guide wire at greater trochanter or pyriformis fossa of the femur bone for treatment of inter-trochanteric, subtrochanteric and femur shaft fractures. The device (100) comprises a cylindrical sleeve (106) having a distal end (108) and a proximal end (102) for slidabiy receiving a guide wire centrally in the longitudinal bore, wherein, the cylindrical sleeve (106) has an outer diameter between 6-9 mm and inner diameter between 3 - 6 mm, the cylindrical sleeve being inclined at an angle in the range of 120 -170 ° with an elongated connecting rod (112), and the distal end (108) comprising a serrated tip having between 5-15 serrations for providing a better positioning at the insertion and preventing slipping of the device on the bone surface.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2012
(21) Application No.972/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SEAT WITH OF AUTOMATIC FOLDING AND UNFOLDING LEG

(51) International classification :A47C 1/121
(31) Priority Document 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)TATA JOHNSON CONTROLS AUTOMOTIVE LTD
Address of Applicant :TATA JOHNSON CONTROLS AUTOMOTIVE LTD. HINJEWADI, PUNE - 411 057 MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)MR. SACHIN RANE
2)MR. ANIL MAHAJAN
3)MR. CHANDRAKANT SHARMA
4)MR. SANDEEP KULKARNI
5)MR. POOJA DESHPANDE
6)MR. SANTOSH MOHITE
7)MR. PRAKASH KULKARNI

(57) Abstract :
Accordingly, the present invention provides an automatic folding and unfolding leg assembly for a jump seat comprising an at least one leg configured to rest on a floor supporting the seat structure in a first position, an at least one pulley mounted on a cushion frame bracket, an at least one cable having a rear end attached to the pulley and a front end fixedly attached with the leg, an at least one stopper bracket located on a front end of the cushion frame restricting an operational angle of the leg to 98 degrees and an at least one torsion spring assisting folding and unfolding of the leg.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2012

(21) Application No.973/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SWIVELING SEAT ASSEMBLY FOR AN ARMOURED VEHICLE

(51) International classification :B60N 2/28
(31) Priority Document 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)TATA JOHNSON CONTROLS AUTOMOTIVE LTD
Address of Applicant :TATA JOHNSON CONTROLS AUTOMOTIVE LTD. HINJEWADI, PUNE - 411 057 MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)MR. SAMEER V. RAYAKAR
2)MS. NIDHI SARGAM
3)MR. SANTOSH MOHITE
4)MR. RAHUL CHAWRE
5)MR. VIJAY MAKHIJA
6)MR. SURYA KANKIPATI
7)MR. VIJAY UNDALE
8)MR. SANDEEP PANDIT
9)MR. PRAKASH KULKARNI

(57) Abstract :
Disclosed is a seat assembly with a swiveling and locking mechanism for special purpose armoured vehicles. The swiveling mechanism for a second row seat of the armoured vehicle is used by an instrument operator to access and operate the controls on the vehicle side wall.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/03/2012
(21) Application No.757/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : MICRO HYDRO TURBINE SYSTEM

(51) International classification	:F03B 13/08	(71)**Name of Applicant :** **1)SAHAJE; AMOGH**
(31) Priority Document No	:NA	Address of Applicant :C-27, 2:1, PALM BEACH CHS,
(32) Priority Date	:NA	SECTOR-4, NERUL (W), NAVI MUMBAI, 400706
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)SAHAJE; AMOGH**
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention relates to a turbine system for the generation of power from a low head micro hydro site. Particularly, the invention provides a micro hydro turbine comprising a turbine unit, a suction unit and a generation unit for the generation of electricity from a low head and a low discharge hydraulic force. The said turbine is cost effective, possesses longer life and significantly helps in increasing the output of power as compared to the conventional turbines.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2012
(21) Application No.866/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A PRESS TOOL ASSEMBLY WITH A FLOATING HOLDER PLATE MECHANISM

(51) International classification	:B23Q 3/00	(71)**Name of Applicant :** **1)LARSEN & TOUBRO LIMITED**
(31) Priority Document No	:NA	Address of Applicant :LARSEN & TOUBRO LIMITED
(32) Priority Date	:NA	ELECTRICAL & AUTOMATION NORTH WING, GATE 7,
(33) Name of priority country	:NA	LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI
(86) International Application No	:NA	400 072, MAHARASHTRA, INDIA
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	:N/A	**1)AMAN P. GOEL**
(61) Patent of Addition to Application Number	:NA	**2)NACHIKET S. KULKARNI**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention provides a press tool assembly with a floating holder plate mechanism adapted to perform a stamping operation with a plurality of delicate or critical punches adapted to make the press tool assembly generic to perform critical stamping operations on any type of press machine. The press tool assembly includes a plurality of spring actuated sub assemblies that deliver a dampened pressure load on the cutting punches in upward and downward stroke conditions of the press tool assembly. The press tool assembly includes an auxiliary pillar adapted to prevent breakage of the critical punches.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2012

(21) Application No.1035/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SPEED RETARDING MECHANISM FOR THE INERTIA DRIVEN CLUTCH SHAFT OF AN OFF-ROAD VEHICLE

(51) International classification :F16H3/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MAHINDRA & MAHINDRA LTD.
Address of Applicant :GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400001, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)MOHAN BRIJ
2)CHAUDHARI NAVNEET
3)SIVASANKARAN BHARATH KUMAR
4)PHILLIPS CECIL

(57) Abstract :
Speed retarding mechanism for the inertia driven clutch shaft of an off-road vehicle. The speed retarding mechanism (102) comprises a disc (138) mounted on a clutch shaft (108), an actuator (170) depending down from a U-shaped member (118) and a fluid pressure operated reciprocating mechanism (158) operatively connected to the disc and the actuator to retard the speed of rotation of the inertia driven clutch shaft during declutching .

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/03/2012
(21) Application No.656/MUM/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A COMMON CONTROLLER FOR MULTIPLE GAS CIRCUIT BREAKER SYSTEM

(51) International classification :H01H33/915
(31) Priority Document 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)CROMPTON GREAVES LIMITED
Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)NAMJOSHI YOGENDRA
2)KAMBLI UPENDRA
3)PATANGE RAJU
4)VAIDYA TUSHAR

(57) Abstract :
A controller for multiple gas circuit breakers, said controller comprises: multi-phase close feedback means from close coils of said circuit breaker, two lines of each phase from a three phases supply are provided as input for said multi-phase close feedback means; multi-phase trip feedback means from trip coils' switching assembly, two lines of each phase from a three phases supply are provided as input for said multiphase trip feedback means; intra-pole discrepancy monitoring adapted to monitor intra-pole discrepancy in said circuit breaker through said controller; external pole discrepancy protection means adapted to receive inputs from at least one of each of said lines across a three phase supply which is given to said multi-phase close feedback means and to said multi-phase trip feedback means; external tripping means adapted to provide external signals in order to provide trip signals through said controller; and switching assembly adapted to provide switching signals for actuation for each of said main trip coils, said auxiliary trip coils, and said close coils based on received signals.

No. of Pages : 38 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2012
(21) Application No.1720/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PORTABLE GRAIN DEHUSKER AND MILLER

(51) International classification	:B02B 3/00	(71)**Name of Applicant :** **1)SATHYABAMA UNIVERSITY** Address of Applicant :JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI - 600 119 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :** **1)MR. PARTHIPAN JAYARAM** **2)MR. HEBEL GEORGE VARGHESE** **3)MR. AKSHAAY GANESH NAGARAJAN** **4)MR. CLINT SEBASTIAN**
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication 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 grain dehusker consisting of a feeding provision for feeding grains, a grain dehusi<er to dehusk the said grains, the said feeding provision comprising of a hopper into which the grains to be deshusked are fed; the said grains being directed to fall between the middle fixed plates and the lower movable plate; an Allen key and bolt arrangement fixed on the top fixed plate for adjusting the width between the middle fixed and lower movable plate depending upon the size of the grain; the dehusker comprising of three plates, the top and middle plates being fixed; the middle and bottom plates being grooved; the bottom plate being movable aided by rollers; all three plates being collinear, parallel and kept at an downward inclined angle to facilitate downward movement of the grains; the bottom grooved plate being L shaped to which two racks are attached; the said racks being attached in such a manner that one of the racks being attached to one end on the rear side of the movable Bottom grooved plate) and the other rack being attached to the perpendicular L-shaped part of the plate in such a manner that both these rack profiles are attached opposite in direction to each other such that, when one of the racks faces the downward direction the other faces upward direction; two segmented gears with identical profiles and thickness are attached to a common shaft which lies between the two racks and which are equidistant from the racks; the gear profiles of the segmented gears being in the same direction; a prewheel located between the two segmented gears to rotate the shaft; the shaft being attached to the supporting structure by means of two journal bearing provided at both the ends of the shaft to keep the shaft connected to the structure and to provide friction less rotation of the shaft; the supporting structure consists of a cycle chain mechanism, a pair of roller guideways to facilitate the movement of the bottom movable grooved plate, seating arrangement and a handle; the said cycle when pedaled rotates the prewheel which in turns rotates the shaft so that one of the segmented gears meshes with the corresponding rack; when the initial meshing is complete the second segmented gear meshes with the corresponding second rack; the said rotary motion of the cycle chain mechanism being converted to a reciprocating motion, via the segmented gears and racks; resulting in shear force which acts on the grains due to the relative motion between the fixed middle grooved fixed plate and the movable bottom grooved plate; the said bottom plate moving in a to and fro direction, dehusking the grains; the said dehusked grains along with the husks travelling along the downward incline of the plates; the said grains and husks are segregated using appropriate mechanisms.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2012
(21) Application No.1722/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SYSTEM FOR REPRESENTING DATE

(51) International classification	:G06F 17/00
(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)OMPRAKASH N SRINGERI
Address of Applicant :#2788, 16 CROSS, 6 MAIN, BANASHANKARI II STAGE, BANGALORE - 560 070 Karnataka India
(72)**Name of Inventor :**
1)OMPRAKASH N SRINGERI

(57) Abstract :
System for representing date is an application which is developed to make the interpretation of date easier. The application is deployed on a Computer System. It uses a general format that symbolizes the date with a metadata thereby making the date distinct. The metadata is added as a prefix to date. Typically letters D or M is used as metadata. D is the abbreviation for day and M is the abbreviation for month. Date prefix with D points out that first two numerals are day of the month. Similarly date prefix with M indicates first two numerals are month of the year. The format is unambiguous and well defined compared to existing conventions. Computer system reads and prints date along with the metadata which characterizes the date.

No. of Pages : 18 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1725/CHE/2012 A
(19) INDIA
(22) Date of filing of Application :04/05/2012
(43) Publication Date : 08/11/2013

(54) Title of the invention : AUTOMATIC FLOOR CLEANING SYSTEM IN AUTOMOBILE

(51) International classification	:G01B 13/00	(71)**Name of Applicant :** **1)VELTECH HIGH TECH DR. RR D DR. SR ENGG. COLLEGE**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	Address of Applicant :NO.60, ALAMATHI RD, AVADI, CH - 600 062 Tamil Nadu India
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)D. VIGNESH**
(87) International Publication No	: NA	**2)M. SOLOMON RAJA**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Project fully deals with automatic floor cleaning of the car .This technique is more suitable for all kinds of cars and also for vans. To build this technique in the car it requires the bottom floor of the car to be cut at the front section of dimensions (5ft15cm) approximation .It depends on car floor size. A movable floor of the particular dimensions is required and it is operated under the principle of: pneumatic plunger. To clean the floor, water supply is needed.It is passed through the spindle pipes. The pipe sweeps the water in the floor.Water speed in the spindle is set through (R.P.M) as per our requirement.lt is placed in the second half portion of the car. The car floor is fully covered with the (p.v.c) carpets which is oil and water proof. Finally after cleaning the wet areajt is dried by using the dryer which is placed in the same a/c point. There are many dryer but here we using 1/3 hp professional dryer and air mover.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2012
(21) Application No.1730/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A METHOD FOR REPRESENTING, SEARCHING AND RANKING DIGITAL EVIDENTIAL INFORMATION

(51) International classification :G06F 17/00
(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)M/S BHARAT ELECTRONICS LIMITED
Address of Applicant :NAGAVARA, OUTER RING ROAD, BANGALORE - 560 045 Karnataka India
(72)**Name of Inventor :**
1)MR. VENKATA KRISHNA KOTA
2)MRS. INDIRA KOTA
3)MR. MANDAYAM DEVASIKAMANI KESARI
4)DR. AJIT TAVANAPPA KALGHATGI

(57) Abstract :
The present invention relates to a unique method or representing, searching, ranking and visualizing digital evidential information from digital linked data collections for forensic analysis. This invention presents a graph representation for digital evidential information. This invention presents a method to retrieve digital evidential information in said graph representation as search results from digital data collections for the given user query. This invention also presents a configurable ranking method to rank said search results. This invention also presents a method to visualize the retrieved digital evidential information to the user.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2007
(21) Application No.2751/CHE/2007 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : OPTIMIZING BATTERY USAGE OF A MOBILE STATION WHEN CAMPED FOR LIMITED SERVICE

(51) International classification :H04W
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :23/11/2007
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED
Address of Applicant :BAGMANE LAKEVIEW BLOCK 'B'NO 66/1, BAGMANE TECH PARK, C V RAMAN NAGAR, BYRASANDRA, BANGALORE-560093 Karnataka India
(72)**Name of Inventor :**
1)PRAKASH RAO
2)SESHAGIRI RAO GORANTLA

(57) Abstract :
In the existing mobile stations, there does not exist a mechanism to identify whether a mobile station is in a stationary condition that is non-mechanical and that does not consume much of battery power. The embodiments as disclosed achieve this by providing a mechanism to determine location condition using RSSI values of serving cell and at least one neighboring cell. A method and a mobile station are disclosed in accordance with various embodiments.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/11/2007
(21) Application No.2752/CHE/2007 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR DETECTING PRESSED KEYS IN A KEYPAD KEYS IN A KEYPAD

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED
Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B', NO. 66/1, BAGMANE TECH PARK, C V RAMAN NAGAR, BYRASANDRA, BANGALORE-560093. Karnataka India
(72)**Name of Inventor :**
1)SWAROOP JAYAPRAKASH RAMACHANDRA

(57) Abstract :
The present invention describes a method and system for detecting keys pressed in a keypad by the application of diodes. According to the present invention, the keypad is interfaced to a microcontroller using very minimal ports. Further, the keys to be detected are divided into left and right set. The present method makes use of diodes for switching the detecting process between the left and right set of keys, thereby maximizing utilization of the input/output ports of the microcontroller and thereby reducing the input/output ports for detecting the pressed keys.

No. of Pages : 8 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2011

(21) Application No.3833/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : NOVEL PHARMACEUTICAL COMPOSITIONS AND TECHNOLOGY FOR MANUFACTURE OF STABLE SOLID ORAL DOSAGE FORMS OF LEVODOPA, CARBIDOPA AND ENTACAPONE FIXED DOSE COMBINATIONS WITH ENHANCED DISSOLUTION RATE OF ENTACAPONE

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PULI RUPESH KUMAR
Address of Applicant :H.NO. 7-106/6, PLOT NO.119, VENKATESHWARA COLONY, OPP. ARCI, BALAPUR; HYDERABAD - 500 005 Andhra Pradesh India
2)RAMIREDDY VIJAYA BHASKARA REDDY
3)VATTI SUMANTH REDDY
(72)**Name of Inventor :**
1)PULI RUPESH KUMAR
2)RAMIREDDY VIJAYA BHASKARA REDDY
3)VATTI SUMANTH REDDY

(57) Abstract :
The present invention relates to pharmaceutical compositions of solid oral dosage forms of levodopa, carbidopa and entacapone fixed dose combinations characterized by the presence of microcrystalline cellulose and not more than 4% w/w of the total weight of the formulation of croscarmellose sodium, which are stable and exhibit enhanced dissolution rate of entacapone. The present invention also relates to a process for preparing such pharmaceutical compositions.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/12/2006

(21) Application No.2467/CHE/2006 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A METHOD OF PRINTING DOCUMENTS ON DIFFERENT COLOR PAGES FROM A SINGLE INPUT PAPER TRAY

(51) International classification :B42F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED
Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B' NO 66/1, BAGMANE TECH PARK, C V RAMAN NAGAR, BYRASANDRA, BANGALORE-560093. Karnataka India
(72)**Name of Inventor :**
1)BRAJENDRA PRATAP SINGH SENGAR

(57) Abstract :
The present invention relates to a method and printing device for printing documents on different color pages from an input paper tray. The present invention involves arranging papers of similar color as one group and putting them in the tray. Thereafter, once a user gives a print command on specific color page, the color sensors sense the color of the paper and the document is printed. Further, counting sensors are also placed to count the number of specific color sheets available for printing. Such a method and printing device is simple to implement and is also cost effective.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2007

(21) Application No.2775/CHE/2007 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A METHOD FOR MANAGING JOBS IN MFP

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED
Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B', NO. 66/1, BAGMANE TECH PARK, C V RAMAN NAGAR, BYRASANDRA, BANGALORE-560093. Karnataka India
(72)**Name of Inventor :**
1)NITIN PRAKASH SHARMA

(57) Abstract :
The present invention proposes a method for managing jobs in a Multi Functional peripheral (MFP). The method increases security of various users in different subnets by storing message confirmation report and printing it at MFPs in different subnets. It provides the MFP with the option of storing and/or printing the details of the reports either locally or remotely on a MFP based on the subnet from where the job has originated. Accordingly when this feature is enabled in the MFP, it allows the MFP to differentiate jobs based on the subnet from where the job has originated. Further, it allows the MFP to differentiate the jobs based on user when enabled with LDAP protocol.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2011
(21) Application No.4505/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : DEVELOPMENT OF A COMBINED BIOHYDROGEN AND METHANE PRODUCTION UNIT USING TWO-STAGE ANAEROBIC CO-DIGESTION PROCESS

(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)RAMAN SARAVANANE
Address of Applicant :ASSOCIATE PROFESSOR ENVIRONMENTAL ENGINEERING DIVISION DEPARTMENT OF CIVIL ENGINEERING PONDICHERRY ENGINEERING COLLEGE PUDUCHERRY - 605 014 India
(72)**Name of Inventor :**
1)RAMAN SARAVANANE

(57) Abstract :
The reactor concept and unit is developed for combined biohydrogen and methane production from pressmud waste of the sugar mills and domestic sewage, combined production of biohydrogen and methane from co-digestion of sugar mill waste and municipal sewage. The two stage process comprises of dark fermentation and anaerobic digestion. The invention also explores to maximize the combined production of biohydrogen and methane. At mesophilic conditions the first stage process provides a high yield of hydrogen by less energy demand. Short hydraulic retention times (HRT) and high metabolic rates are advantages of the process. The incomplete transformation of the organic components into various organic acids is a disadvantage. Thus a second stage process is required. The defined anaerobic digestion process is used to degrade the organic acids predominantly acetic and butyric acid from the hydrogen-production unit into CHU and CO2. The stoichiometry of biochemical reactions for the combined production of biohydrogen and methane with sugar mill waste and municipal sewage as substrates, has been experimentally invented. The optimum conditions were determined. A stabile hydrogen concentration of 55 % and 60 % was found and detected in the evolved gas at ambient temperature (23°C - 28°C). The operating efficiency of the combined production of biohydrogen and methane was checked as a complete system

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/11/2007

(21) Application No.2741/CHE/2007 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : LIGHT PROJECTOR ON FLAT-BED OF MFP FOR ID-CARD COPY

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED
Address of Applicant :Bagmane Lakeview block 'B'NO 66/1, Bagmane Tech Park, C V Raman Nagar, Byrasandra, BAngalore-560093 Karnataka India
(72)**Name of Inventor :**
1)ANTONY ALOYSIUS AYANAMCOTTIL
2)VARUN YAREHALLI CHANDRAPPA
3)NATESH SHRIDHAHAR REVANKAR
4)PRIYA VERMA
5)MOHAMMAD DILSHADALAM
6)NITIN PRAKASH SHARMA
7)PRAVEEN PRAKASH THAZHATHU PULLAIKUDI

(57) Abstract :
The present invention describes a light projector on flat-bed of MFP for ID-card copy. The method includes marking the region where the ID-card has to be placed with the help of light beam projected on the flat-bed scanner of the MFP. This helps the user in knowing the exact place where he has to put his ID card. This makes the process of ID card copy more efficient. The user can either avail this facility or can turn it OFF.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2012
(21) Application No.1699/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SOLAR POWERED WIRELESS CONTROL DEVICE FOR MEDICAL IMAGING SYSTEM

(51) International classification	:H01L 31/00
(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)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)ANAND, PRADEEP KUMAR
2)SIVA PRASAD, BHAGAVATULA VENKATA
3)MOORE, KYLE

(57) Abstract :
A control device for controlling the operation of a medical imaging system is disclosed. The control device comprises multiple solar energy units capable of generating electrical energy from ambient light energy. The control device also comprises multiple switches connected to the multiple solar energy units and capable of receiving the electrical energy for operating the medical imaging system.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2011
(21) Application No.4581/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : LOW-COST SELF-REGULATED AUTOMATIC PV POWERED SYSTEMS WITHOUT CHARGE CONTROLLERS FOR LIGHTINGS

(51) International classification :h05b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)S. DEVANEYAN
Address of Applicant :#3/1222, ANNAI ANJUHAM NAGAR, CHETTYMANDAPAM, KUMBAKONAM - 612 001 Tamil Nadu India
(72)**Name of Inventor :**
1)S. DEVANEYAN

(57) Abstract :
Low-cost self-regulated automatic PV powered systems without charge controllers for lightings. It comprises solar module [1] output is connected to the relay [3]. Inside the relay, normally open [NO] contacts [3-1-1] and [3-2-1] are connecting solar module [1] and battery [4]. Inside the relay, normally closed contacts [3-1-2] and [3-2-2] are connecting battery [4] and load [5]. Power produced by solar Photovoltaic module [1] is energizing the relay in the terminals [6], [7] and normally open contacts [3-1-1] & [3-2-1] are closed. Through the terminals [6], [7], produced energy travels via normally open contacts [3-1-1] & [3-2-1] to battery [4] for charging in the day time. After sun set no voltage produced by solar module, hence relay [3] de-energized, energy travelled from battery [4] to load [5] through normally closed contacts [3-1-2] & [3-2-2], so that load [5] (LED Lights) is switched on automatically without any assistance of high tech microcontrollers or charge controllers. However it is adequate to include further a toggle switch for manual operation mode from automatic mode.

No. of Pages : 6 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2011
(21) Application No.4582/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : DUAL BATTERY BANKING STACKS FOR ANY PV POWERED SYSTEMS WITH MANUAL SWAPPING TECHNIQUES USING TOGGLE SWITCH

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)S. DEVANEYAN
Address of Applicant :#3/1222, ANNAI ANJUHAM NAGAR, CHETTYMANDAPAM, KUMBAKONAM - 612 001 Tamil Nadu India
(72)**Name of Inventor :**
1)S. DEVANEYAN

(57) Abstract :
Dual battery banking stacks for any PV powered systems with manual swapping techniques using toggle switches[3][6]. After commissioning the system, battery [4-1] is put on charging cycle while battery [4-2] is in discharging cycle and this process is continuously going on till the life of the system. In the entire operation the batteries life and efficiency is achieved maximum.

No. of Pages : 6 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2011

(21) Application No.4583/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : LOW-COST PV POWERED GENERALIZED LIGHTING SYSTEMS WITH COMPLETE DISMANTLING TECHNIQUES USING GI PIPES FOR ALL SORT OF OUTDOOR APPLICATIONS

(51) International classification :F21V
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)S. DEVANEYAN
Address of Applicant :#3/1222, ANNAI ANJUHAM NAGAR, CHETTYMANDAPAM, KUMBAKONAM - 612 001 Tamil Nadu India
(72)**Name of Inventor :**
1)S. DEVANEYAN

(57) Abstract :
Low-cost PV powered generalized dismountable lighting systems for Fencing Light, Central Building light, Backyard lights made by Gl nipples [1-1], [1-2], [1-3], 'L' bend[2], T bend[3], Light fittings[4], coupling[5] and fix plates[6] and all these can be integrated by bolts/nuts[7] to form PV powered generalized dismountable lighting systems. The same can be extended using lengthy pipes [9] and form as low cost solar street lights. In this 'L' bend [2] in fig 1 is replaced as T bend [10] and additional solar module [11] can be added and this entire set up is done without welding process.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2012
(21) Application No.1759/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : MOBILE PAYMENT USING DYNAMIC AUTHORIZATION CODE AND MULTI-PAYER SHARED CARD NUMBER

(51) International classification	:G06Q 20/00
(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)INFOSYS LIMITED
Address of Applicant :IP CELL, PLOT NO 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(72)**Name of Inventor :**
1)SONY SEBASTIAN
2)RAJESH KALYANASUNDARAM

(57) Abstract :
Various technologies related to implementing payment via a mobile device are described. An authorization code and a credit card number can be provided by an issuer to a mobile device, which in turn provides the authorization code and the credit card number to a merchant. The merchant can then provide the authorization code and the credit card number to an issuing bank, which can reconcile the authorization code and the credit card number and issue payment authorization.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2012
(21) Application No.1760/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD FOR PROVIDING DEVELOPMENT AND DEPLOYMENT SERVICES USING A CLOUD-BASED PLATFORM AND DEVICES THEREOF

(51) International classification	:G06F 9/00
(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)INFOSYS LIMITED
Address of Applicant :IP CELL, PLOT NO 44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(72)**Name of Inventor :**
1)SUDHANSHU HATE

(57) Abstract :
A method, non-transitory computer readable medium, and platform management device for providing computer program development and deployment in a platform. A plurality of input parameters related to a development and deployment project are received. A plurality of development and deployment resources are determined based on the plurality of input parameters. The plurality of required development and deployment resources are provisioned. An execution environment is provided for utilization of the development and deployment resources. A plurality of supporting processes are provided to support the utilization of the execution environment.

No. of Pages : 24 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2011
(21) Application No.4425/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PROCESS FOR PRODUCTION OF VITAMIN B12 FROM LACTOBACILLUS

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ITC LIMITED
Address of Applicant :CORPORATE R & D, ITC R & D CENTRE, PEENYA INDUSTRIAL AREA, 1ST PHASE, BANGALORE 560 058 Karnataka India
(72)**Name of Inventor :**
1)RANE, SHARMILA
2)RODRIGUES, ABHILASH
3)PARADKAR, MANISH
4)KAUSHAL, DEEPTI
5)KALSI, GURPREET

(57) Abstract :
The present invention relates to the field of production of vitaminology and microbiology, in particular, the production of vitamin B12 from the co-cultures of Lactobacillus strains. The present invention provides a process for production of vitamin B12 using a co-culture of Lactobacillus helveticus and Lactobacillus fermentum. The present invention also provides a composition comprising the vitamin B12 producing Lactobacillus helveticus and. Lactobacillus fermentum cells.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2012

(21) Application No.1754/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CROWD SOURCED TRANSPORTATION

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

(71)**Name of Applicant :**
1)LOGISTIMO INDIA PRIVATE LIMITED
Address of Applicant :143B SOBHA MALACHITE PHASE 3 JAKKUR PLANTATIONS BANGALROE - 5600 064 Karnataka India
(72)**Name of Inventor :**
1)AMIT AKKIHAL
2)ANUP AKKIHAL
3)SHARATH CHANDANGOUDAR
4)ARUN RAMANUJAPURAM

(57) Abstract :
A computer-implemented method for crowd sourced Transportation includes receiving orders by multiple vendors, the orders being placed by multiple customers and establishing two-way handshakes between multiple vendor-customer pairs. The computer-implemented method also includes identifying transport requirements for each of the multiple vendor-customer pair and aggregating the transport requirements related to the plurality of vendors. Further, the computer-implemented method includes broadcasting the aggregated transport requirements of the plurality of vendors to a plurality of transporters. Further more ,the computer-implemented method includes selecting one or more transporters from the plurality of transporters for one or more hops to deliver goods to the plurality of customers located close to each other. Moreover, the computer-implemented method includes establishing a three-way handshake between the vendor-customer pair and selected one or more transporters.

No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2012

(21) Application No.1758/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : DERIVING BUSINESS TRANSACTIONS FROM WEB LOGS

(51) International classification	:G06F 17/00
(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)INFOSYS LIMITED
Address of Applicant :IP CELL, PLOT NO 44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(72)**Name of Inventor :**
1)AMIT GAWANDE

(57) Abstract :
Computer-implemented systems, methods, and computer-readable media for deriving probable business transactions from a log file, the log file including a plurality of entries corresponding to traffic on a web server, each entry including a plurality of fields, including: pre-processing the log file to remove one or more fields and one or more entries unrelated to probable business transactions; processing the entries in the log file to identify one or more transactions; and processing the one or more transactions to identify one or more probable business transactions.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2011

(21) Application No.3829/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : LIQUID EXTRACTOR

(51) International classification :F41A
(31) Priority Document 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)ACHARYA DEVARAJA
Address of Applicant :NEAR GANAPATHI TEMPLE, KALAGINA PETE, PADUBIDRI, DIST: UDIPI - 574 111 Karnataka India
(72)**Name of Inventor :**
1)ACHARYA DHAVALA

(57) Abstract :
A liquid extractor comprises: a stand with a first clamp adapted to receive one end of a cloth; a supporting bar with its first end pivoted to an operative top portion of said stand and its second end being free; a second clamp coupled to a handle as well as to said supporting bar; and handle to angularly displace said second clamp, and said cloth, thereby.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2011
(21) Application No.660/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PROCESS (METHOD) OF FINDING ALLIGNMENT BETWEEN SUN, MOON EARTH WHICH FORMS ORIGIN OF UNIVERSAL TIME CO-ORDINATION

(51) International classification :G04B
(31) Priority Document 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)HARISH SIVARAMAKRISHNAN
Address of Applicant :3, THIRUMALAI NAGAR MAIN ROAD, NEAR MALLESWARI NAGAR, SELAIYUR, CHENNAI - 600 073. Tamil Nadu India
(72)**Name of Inventor :**
1)HARISH SIVARAMAKRISHNAN

(57) Abstract :
Until now, the Universal time co-ordination has been followed only by focusing on Earth and its leap second. The author here has made an extensive research and analysis, making the three objects earth (home), sun (solar) moon (lunar) to coordinate in a logical, concept oriented and disciplined path. The coordination discipline is completely balanced and carried out using the sidereal period system, which is the correct and accurate methodology involving heavenly bodies to standardize and derive the universal time coordination. Fixed objects in the sky like Stars also contribute to the derivation of this invention, based on which the author has devised the methodology. The sidereal period does not have much variation in its precision or accumulation level and hence the author has employed and designed a novel and logical methodology to make sure that it meets the necessary precision laws and accuracy while deriving the planets co-ordination which rather becomes the origin for simulation of time. The Universal Time Co-Ordination becomes necessary in the following areas to maintain uniformity in the application of time namely: Regulation of Clock and Time, World Wide Web, Network Time Protocol, International Broadcast, Weather Forecast, Air Traffic Control, Radio Stations, Space Technology.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2011

(21) Application No.3837/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : BLIND NAVIGATION SYSTEM WITH TERRAIN MAPPER

(51) International classification :G01C
(31) Priority Document 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)V RAVICHANDRAN
Address of Applicant :F/O R. VIGNESH, A-7, 1ST BLOCK, Y S ENCLAVE, 134 A, ARCUT ROAD, VIRUYAMBAKKAM, CHENNAI - 600 092 Tamil Nadu India
2)SUBRAMANIAM BASKARAN
3)S G JAGANNATHAN
(72)**Name of Inventor :**
1)R. VIGNESH
2)MANOJ KUMAR
3)J RAGHAV SIMHAN

(57) Abstract :
The present invention provides a navigation system which finds the position of the user using terrain map, and more particularly to a non-visual interactive navigation display system useful for the visually impaired. The present invention also provides a method of non-visual interactive navigation for the visually impaired.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2012
(21) Application No.1700/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF IRON SUCROSE COMPLEX

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GLOBAL CALCIUM PRIVATE LIMITED
Address of Applicant :NO. 1, HUNDRED FEET ROAD, 5TH BLOCK, KORAMANGALA, BANGALORE - 560 095 Karnataka India
(72)**Name of Inventor :**
1)SAHIL VAZIRALLY
2)RAVIRAJ S PATTANASHETTAR
3)RAJENDRA PRASAD REDDY

(57) Abstract :
Disclosed is a process for preparation of iron sucrose complex useful for injectable conditions in patients needing emergency iron supplements. The process involves simple four stages steps. The crucial factor is in the deep freezing step of Iron oxy hydroxide and subsequent reaction with Pharma grade sugar and treatment by organic solvents without using activated charcoal in the purification stages. The purified iron sucrose has all properties as per the USP standards and bacterial endotoxin limit of less than 50 CFU/mg. The present invention relates to the cost effective preparation of Iron sucrose complex, when compared to the products that are currently available in the market.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2012
(21) Application No.1709/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A NAVIGATION DEVICE AND METHOD OF OPERATING THE NAVIGATION DEVICE

(51) International classification	:G01C 21/00
(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)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
Address of Applicant :123, INDUSTRIAL LAYOUT, HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka India
2)ROBERT BOSCH GMBH
(72)**Name of Inventor :**
1)KESHAV GUMASTE

(57) Abstract :
The present invention discloses a navigation device and the method to operate the navigation device. The navigation device is characterized by a means to identify and avoid intersections (200) whose distance to each other is less than a predefined threshold and calculating an alternative route by an alternate route calculating means excluding the identified intersections (200).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2011

(21) Application No.3897/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SYNERGISTIC COMPOSITION COMPRISING LUTEOLIN AND MYRICETIN AND USES THEREOF

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ITC LIMITED
Address of Applicant :CORPORATE R&D ITC R&D CENTRE, PEENYA INDUSTRIAL AREA, 1ST PHASE, BANGALORE - 560 058 Karnataka India
(72)**Name of Inventor :**
1)FATIMA, HUMAIRA
2)VIVEKBABU, C.S.
3)GURUMURTHY, D.S.
4)SHARMA, NAVIN KUMAR

(57) Abstract :
The present invention relates a synergistic composition comprising Luteolin and Myricetin or analogs of Luteolin and Myricetin and/or pharmaceutically acceptable salts thereof, wherein Luteolin and Myricetin or analogs of Luteolin and Myricetin are present in a weight ratio between 4:1 and 1:4. The synergistic composition is useful for treatment of diabetes, obesity, overweight, cardiovascular diseases and other metabolic disorders. The present invention further relates to a process for preparing the composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2007

(21) Application No.2760/CHE/2007 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A METHOD FOR AUTOMATICALLY STAMPING BASED ON VALIDATION IN AN MFP

(51) International classification	:H04N	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED**
(32) Priority Date	:NA	
(33) Name of priority country	:NA	Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B', NO. 66/1, BAGMANE TECH PARK, C V RAMAN NAGARM BYRASANDRA, BANGALORE-560093, Karnataka India
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	(72)**Name of Inventor :**
(61) Patent of Addition to Application Number	:NA	**1)MADHUSOODHANA SESHA CHARI**
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The present invention proposes a method for automatically stamping based on validation in an MFP. The present invention involves configuring the MFP to automatically scan and stamp documents like passport, bill, travelers cheque and currency exchanges. The MFP uses standard scan and compare mechanisms for producing the validation result before the stamping operation. The MFP can be configured to do a series of steps in a pre-defined manner. This reduces the manual errors that will be caused while performing these operations.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/11/2011

(21) Application No.3883/CHE/2011 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : PREPARATION OF BIOPLASTICS FROM BIOLOGICAL WASTE

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

(71)**Name of Applicant :**
1)SREE RAMCIDES CHEMICALS PVT LTD
Address of Applicant :7, DURAISAMY ROAD, T. NAGAR, CHENNAI - 600 017 Tamil Nadu India
(72)**Name of Inventor :**
1)DR. S. SUNDARESAN
2)MR.A. VASANTHA KUMAR

(57) Abstract :
The present invention relates to bioplastics from biological waste and further relates to a process for preparing value added products from biological waste that includes vegetable and crop waste. Moreover, the present invention relates to a process for preparing compostable bioplastic granules by successfully utilizing easily available and economical biological waste as prime ingredients there by aids in providing eco friendly environment. The biological waste includes Adenanthera Pavonina seed shell, Banana peduncle and Palmyrah spade rind.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2012
(21) Application No.1719/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : RECIPROCATING MACHANISM

(51) International classification	:F16H 55/00
(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)SATHYABAMA UNIVERSITY
Address of Applicant :JEPPIAAR NAGAR, RAJIV GANDHI ROAD, CHENNAI - 600 119 Tamil Nadu India
(72)**Name of Inventor :**
1)MR. HABEL GEORGE VARGHESE
2)MR. AKSHAAY GANESH NAGARAJAN
3)MR CLINT SEBASTIAN
4)MR SOLAISWAMY RAMACHANDRAN

(57) Abstract :
A reciprocating mechanism comprising of a pair of segmented gears and rack arrangement, in such a manner that the reciprocating member comprises of two racks, whose gear profiles are opposite to each other, the two racks are connected by means of a rigid member; the segmented gears of equal teeth are attached to a common shaft; the shaft being connected to the reciprocating member via the segmented gear via the rack; the gear profiles are synchronised in such a manner that at no point of time do they mesh simultaneously; the shaft is supported by a bearing; a pair of roller guides support the reciprocating member on either side; the assembly working in such a manner as to result in a continuous reciprocating movement when the shaft containing the segmented spur gears are rotated during the first half cycle, forward sliding motion of the Reciprocating member) is achieved as the first segmented spur gear meshes with the corresponding first rack and during the second half cycle return sliding motion in the backward direction of the Reciprocating member is achieved as the second segmented spur gear meshes with its corresponding rack in such a manner that at any instant of time there is only one gear and rack contact.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2007

(21) Application No.2763/CHE/2007 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : FAX STATUS DISPLAY ON LCD OF AN MFP

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED
Address of Applicant :BAGMANE LAKEVIEW, BLOCK 'B', NO. 66/1, BAGMANE TECH PARK, C V RAMAN NAGAR, BYRASANDRA, BANGALORE - 560 093 Karnataka India
(72)**Name of Inventor :**
1)BENNUR SANJIVA DHEERENDRA RAO

(57) Abstract :
The present invention relates to fax status display on the LCD of a Multi Functional Peripheral. The method includes sending a fax document from a sender MFP. The sender will be able to monitor the document and its status at real time. The real time updating status shows the status of the fax document at the receiving end. The status is displayed on a mimic display in the LCD of senders MFP. At the receiving end, once the fax document is received, the receiving MFP will send back additional information on the status of the fax document. This includes informing the sending side whether the fax document has been directly printed at the receiving side or it is stored in the memory of the receiving MFP.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2007

(21) Application No.618/CHE/2007 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : A METHOD TO COPY USEFUL DATA FROM CONFIDENTIAL DOCUMENT

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED
Address of Applicant :BAGMANE LAKEVIEW BLOCK B NO 66/1 BAGMANE TECH PARK CV RAMAN NAGAR BYRASANDRA BANGALORE 560093 Karnataka India
(72)**Name of Inventor :**
1)SHYAM BIHARI MANITRIPATHI

(57) Abstract :
The invention explains a method, to Copy Useful Data from a Confidential Document. In the method an LCD screen is used to display the raw data to be printed. The LCD can be externally attached/detached from the MFP. As soon as the LCD is attached to the MFP, a selective print feature is automatically activated and the print data is displayed on the LCD. By using a magnetic head pen, the user points the starting point and end point of the data to be erased. The image processor of the MFP senses the magnetic points marked by the user and deletes the data between the points before the data is transferred to the print handler for printing. The method disclosed can be used to make multiple selections for the data to be erased.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2012
(21) Application No.1704/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : DESIGN OF COLLAPSIBLE WIND FRICTION REDUCTION ATTACHMENTS TO MOTOR BIKE FOR BETTER FUEL ECONOMY

(51) International classification :B62J17/00
(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)DOMMARAJU. KRISHNA MOHAN RAJU
Address of Applicant :6/840, SARASWATHIPURAM, RAJAMPET - 516 115, KADAPA (DT) Andhra Pradesh India
2)GODDILLA. JAYACHANDRA REDDY
(72)**Name of Inventor :**
1)DOMMARAJU. KRISHNA MOHAN RAJU
2)GODDILLA. JAYACHANDRA REDDY

(57) Abstract :
This invention relates to a collapsible wind friction reduction attachments provided to the Bike at the front, rear, top and side portions to protect the Rider and co-passenger from bad weather and to improve the fuel economy without affecting the process of boarding and get down from the Bike and these wind friction reduction attachments opening and closing is controlled by the driver with the help of hydraulic system.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2012
(21) Application No.1705/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : DESIGN OF COLLAPSIBLE WIND FRICTION REDUCTION ATTACHMENTS TO TRUCK FOR BETTER FUEL ECONOMY

(51) International classification :B62J17/00
(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)DOMMARAJU. KRISHNA MOHAN RAJU
Address of Applicant :D. KRISHNA MOHAN RAJU, 6/840, SARASWATHIPURAM, RAJAMPET - 516 115, KADAPA (DT) Andhra Pradesh India
2)GODDILLA. JAYACHANDRA REDDY
(72)**Name of Inventor :**
1)DOMMARAJU. KRISHNA MOHAN RAJU
2)GODDILLA. JAYACHANDRA REDDY

(57) Abstract :
This invention relates to a collapsible wind friction reduction attachments are provided to the Truck with open rear body at the front, rear, top and side portions to aerodynamically streamline the truck body and protect the goods from bad weather and to improve the fuel economy and speed of transport without increasing the engine capacity and these wind friction reduction attachments opening and closing is controlled by the driver with the help of hydraulic system.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2012
(21) Application No.1706/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : DESIGN OF COLLAPSIBLE WIND FRICTION REDUCTION ATTACHMENTS TO THE REAR PORTION OF A CAR FOR BETTER FUEL ECONOMY

(51) International classification :B60K16/00
(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)DOMMARAJU. KRISHNA MOHAN RAJU
Address of Applicant :D. KRISHNA MOHAN RAJU, 6/840, SARASWATHIPURAM, RAJAMPET - 516 115, KADAPA (DT) Andhra Pradesh India
2)GODDILLA. JAYACHANDRA REDDY
(72)**Name of Inventor :**
1)DOMMARAJU. KRISHNA MOHAN RAJU
2)GODDILLA. JAYACHANDRA REDDY

(57) Abstract :
This invention relates to the collapsible wind friction reduction attachments provided to the rear potion of small end car to improve the fuel economy and to increase the maximum speed of car without increasing the length of car and without affecting the aesthetic looks, when the attachments are in closed condition and these wind friction reduction attachments opening and closing is controlled by.the.driver with the help of hydraulic system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/01/2012
(21) Application No.71/CHE/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : NOVEL AMPHIPHILIC NANO PARTICLE BASED THERMO-RESPONSIVE COATINGS ON SURFACES FOR TISSUE ENGINEERING APPLICATIONS

(51) International classification :A61L
(31) Priority Document 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)SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY
Address of Applicant :BIOMEDICAL TECHNOLOGY WING, POOJAPPURA, THIRUVANANTHAPURAM-695012 Kerala India
(72)**Name of Inventor :**
1)K. KALADHAR
2)CHANDRA P. SHARMA

(57) Abstract :
This invention relates to a pendant amphiphilic polymer composition comprising an amphiphilic molecule immobilized on a hydrophilic or block polymer, and the pendant amphiphilic polymer forms nanoparticles in water, and the nanoparticles are thermoresponsive in nature and changes its size at physiologically relevant temperature conditions, and the thermoresponsive nanoparticles forms thermo responsive thin solid films, and the thin films can be coated over polymeric substrates, and the thermoresponsive thin film coated substrates could be explored for blood compatible applications, and the thermoresponsive thin film coated substrates could be explored for cell layer removal for tissue engineering applications.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2010

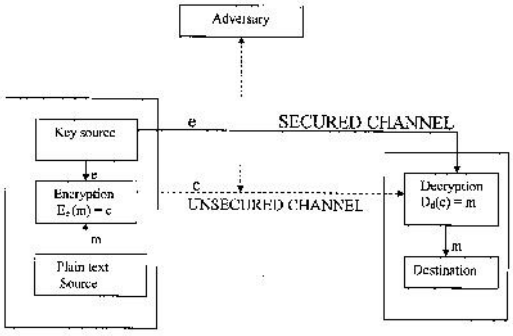
(21) Application No.1097/KOL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD FOR GENERATION IDENTIFICATION AND AUTHENTICATION OF DIGITAL SIGNATURE DEPENDENT UPON ASYMETRIC KEY CRYPTOGRAPHY BASED ON A UNIQUE ONE WAY FUNCTION

(51) International classification :H03M5/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MAAYER INFO SYSTEMS PRIVATE LTD.
Address of Applicant :D 4/2 M.M. PLAZA 130, G.T. ROAD(EAST), ASANSOL-713303 BURDWAN WEST BENGAL India
(72)**Name of Inventor :**
1)PRASANTA BHATTACHARJEE

(57) Abstract :
A method for establishing cryptographic communications based on a unique one way function for signing and verifying a digital document comprising the steps of: generation of public key in the form of subsequent elements by using at least one processor based subsystems; converting plain text into ciphertext Z, wherein the key(s) are operable for encryption and can be transmitted to the receiver; receiving the message and providing private key to decrypt the message, thereby providing a secure system for cryptographic communication.



No. of Pages : 23 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2012

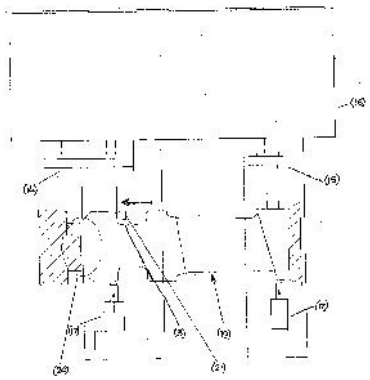
(21) Application No.508/KOL/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : DEVELOPMENT OF LOCATING FIXTURES FOR ROOT AND SHROUD MILLING OPERATION ON HMC MACHINES TO ACCOMMODATE ALL SIZES TANG HEIGHT OF NEW DESIGN STEAM TURBINE BLADES

(51) International classification :f01d
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BHARAT HEAVY ELECTRICALS LIMITED
Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA.
(72)**Name of Inventor :**
1)RAJIV KUMAR RAJAK
2)BISWAJIT DAS
3)AMAR SINGH
4)RAJ KAMAL CHAUHAN
5)VINAY KR SINGH

(57) Abstract :
The locating fixtures (14, 15) for root and shroud milling operation on HMC machines to accommodate all sizes tang height of new design steam turbine blade consist of one root locating fixture (14) and one shroud locating fixture (15). Both fixtures are fixed to the main fixture body (16) when the locating pad (3) is disposed in the locating fixture (14) for providing reference to the blade (B) at the root slot (4) for allowing the extramaterial (9) at root end disposed out of the fixture for being milled easily for maintaining the tang height of the blade.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/09/2010

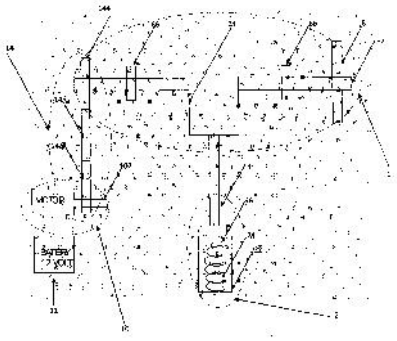
(21) Application No.1067/KOL/2010 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SPRING ENGINE

(51) International classification :F02B77/00
(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)SANJEEV KUMAR
Address of Applicant :C/o Medicine Centre Sarriyagunj District-Muzaffarpur-842001 Bihar India
(72)**Name of Inventor :**
1)SANJEEV KUMAR

(57) Abstract :
The present invention relates to the spring engine. Specifically, the present invention provides the spring engine which is worked without fuel with approximately same efficiency as that of the fuel engine.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2013

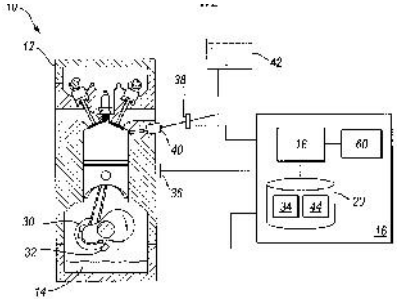
(21) Application No.107/KOL/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : OIL LIFE MONITORING SYSTEM WITH FUEL QUALITY FACTOR

(51) International classification :F01M11/10
(31) Priority Document No :13/462888
(32) Priority Date :03/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
Address of Applicant :300 GM RENAISSANCE CENTER, DETROIT, MICHIGAN 48265-3000, U.S.A.
(72)**Name of Inventor :**
1)YUNPENG GENG
2)ANDREW E. BUCZYNSK

(57) Abstract :
An oil-life monitoring system includes an engine revolution counter configured to provide an output corresponding to the rotation of a component of an engine, and a controller in communication with the engine revolution counter. The controller is configured to determine the composition/properties of a fuel being combusted by the engine, and select a fuel quality penalty factor from a table, with the fuel quality penalty factor corresponding to the determined composition/properties of the fuel. Additionally, the controller is configured to compute an adjusted revolution count by multiplying the rotations of the component of the engine by the fuel quality penalty factor, and aggregate the adjusted revolution count.



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

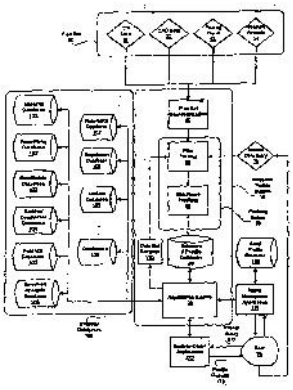
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2003
(21) Application No.125/KOLNP/2003 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : METHOD OF INTERACTIVELY PROFILING A STRUCTURE

(51) International classification :G06F 17/00
(31) Priority Document No :09/632,383
(32) Priority Date :03/08/2000
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEWERHOME TECHNOLOGIES CANADA, INC.
Address of Applicant :#212-198 E ISLAND HIGHWAY, P.O. BOX 1018, PARKSVILLE, BRITISH COLUMBIA V9P 2H1 CANADA
(72)**Name of Inventor :**
1)ANANIAN JOHN A
2)DUGGAN DANIEL J
3)MAHOVLIC STEVEN

(57) Abstract :
A method for generating an interactive profile of a structure, such as a building, employing an interactive profile system that preferably utilizes an Internet web browser to interface with a user. The interactive profile system includes an application engine embodied in a computer program that is preferably based within a server. A plan set, usually in a CAD format, is received into the interactive profile system, typically submitted by the user of client. The building can be any structure, such as a home, office or warehouse, and can also include the property that the structure occupies. The plan set is converted to a profile data set by the profiling engine. In compliance with an enhanced data protocol, which is a specific format for organizing the profile data set in a standardized array. The profiling engine parses, or extracts, the profile data set to develop and link a plurality of potentially interrelated building. The profiling engine performs a systematic enhancement of the plan set, building upon the elemental physical descriptions of the plan set. Each element of the physical description is functionally analyzed for relational attributes and then expanded and tagged. The user directs a profile query to the application engine of the interactive profile system. The profile query is relatable to the enhanced profile and more specifically relatable to at least one of the plurality of interrelated elements of the building. Typical profile requests can include proposed or actual changes to the building, requests for material listings, and project assessments.



No. of Pages : 42 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2012

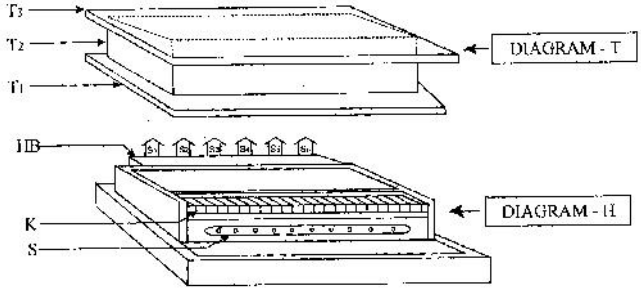
(21) Application No.490/KOL/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : AN ELECTRIC HARMONIUM

(51) International classification :h04r
(31) Priority Document 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)JANA, CHANDAN
Address of Applicant :173, NETAJI SUBHAS ROAD, HOWRAH, WEST BENGAL, PIN - 711 101, West Bengal India
(72)**Name of Inventor :**
1)JANA, CHANDAN

(57) Abstract :
An electric harmonium adapted for balanced amplified distortion free uniform audio output involving the traditional sound generation principle of harmonium. Advantageously, the electric harmonium ensures overall quality of output irrespective of fingering over the keyboard and the amplified output is unilateral in nature from lower to higher octave and vice-versa. The electric harmonium enables post amplification sharpness and appreciable improvement in over all quality of sound. Importantly, the electric harmonium while on one hand providing for the much desired balanced amplified distortion free uniform audio output involving traditional sound generation principles of harmonium, on the other hand does not interfere with any other instruments in and around the site playing the electric harmonium.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2012

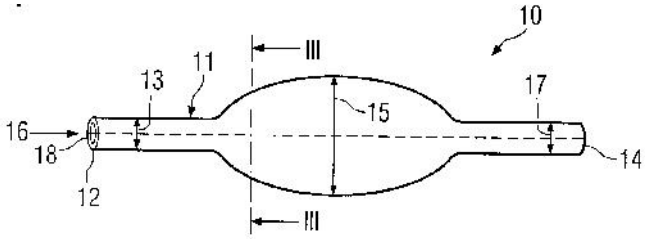
(21) Application No.506/KOL/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : SOLAR RADIATION ABSORPTION DEVICE

(51) International classification :F24J
(31) Priority Document 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)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2 80333 MÜNCHEN GERMANY
(72)**Name of Inventor :**
1)SANTHOSH KUMAR COTHURU
2)GANAPATHI SUBBU SETHUVENKATRAMAN
3)SANJAY VIJAYARAGHAVAN

(57) Abstract :
A solar radiation absorption device is presented. The solar radiation absorption device (10, 20) includes a tube (11, 21) having a lumen (18) for directing a fluid (40) from a first end (12, 24) to a second end (14, 26) of the tube (11, 21), characterized in that the tube's diameter (13) in a direction from the first end (12, 24) to the second end (14, 26) increases to a first diameter (15) and decreases from the first diameter (15) to a second diameter (17) along a length of the tube (11, 21).



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2013

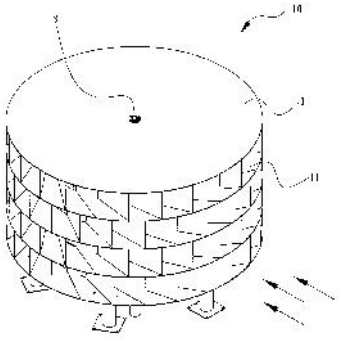
(21) Application No.366/KOL/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : OMNI-DIRECTIONAL WIND POWER HARNESSING DEVICE.

(51) International classification :F03D 3/00
(31) Priority Document No :101116143
(32) Priority Date :07/05/2012
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHIO,CHUY-NAN
Address of Applicant :4F-2, NO.333, FU-SING N. RD., TAIPAI, TAIWAN (R.O.C)
(72)**Name of Inventor :**
1)CHIO,CHUY-NAN

(57) Abstract :
An omni-directional wind power harnessing device is disclosed. The device of the present invention includes a platform, a rotary mechanism and an output shaft. The platform has a plurality of channeling ducts, which are circumferentially provided around the platform. Therefore, wind blowing in any direction may be channeled into the platform. Each of the vanes has an arc shape and the vanes are circumferentially provided around the rotary mechanism with a tilted angle to prompt the rotary mechanism to rotate.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2013

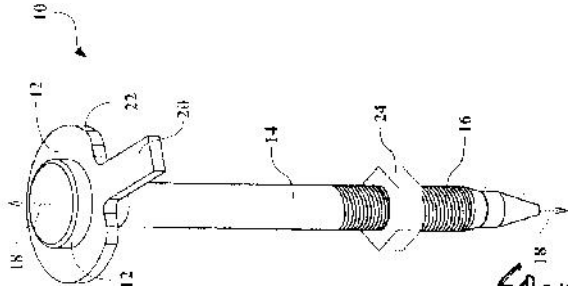
(21) Application No.108/KOL/2013 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : BOLT MOUNT SYSTEM

(51) International classification :B66D5/24
(31) Priority Document No :13/465429
(32) Priority Date :07/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
Address of Applicant :300 GM RENAISSANCE CENTER, DETROIT, MICHIGAN 48265-3000, U.S.A.
(72)**Name of Inventor :**
1)TREVOR J WIFFEN

(57) Abstract :
A mount apparatus for a frame member is provided. The mount apparatus includes a bolt and a retainer. The bolt includes a head, a shank extending from the head, and a tang extending radially from the head. The retainer includes a reactive plate fixing the retainer against rotation relative to the frame member and an engagement slot defined by the retainer having a first wall disposed to prevent positive rotation of the tang.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2012

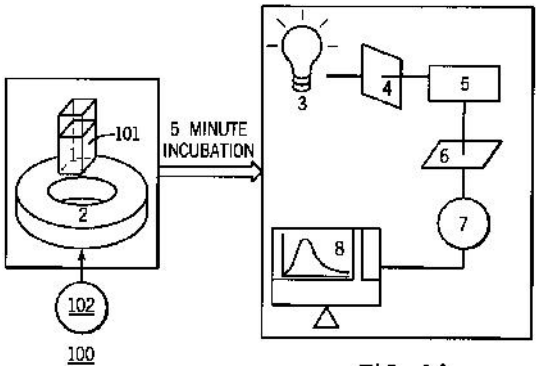
(21) Application No.512/KOL/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : STATIC MAGNETIC FIELD INDUCED DIFFERENTIAL FLUORESCENCE EMISSION

(51) International classification :B07C
(31) Priority Document 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)UNIVERSITY OF CALCUTTA
Address of Applicant :SENATE HOUSE, 87/1 COLLEGE STREET, KOLKATA, WEST BENGAL 700 073, INDIA
(72)**Name of Inventor :**
1)DASGUPTA, ANJAN KR.
2)RAJA, SUFI OASIM

(57) Abstract :
Exposure to a static magnetic field changes the fluorescence intensity of a wide range of fluorophores, including small molecules (e.g., tryptophan), complex organizations of fluorophores (e.g., proteins), quantum dots, nanoparticles, and other materials. Different materials may experience different changes in fluorescence emission upon exposure to a magnetic field-for instance, some or all of a material's fluorescence emission spectrum may increase in amplitude or shift in wavelength. Different materials may also experience different changes in relaxation time, which is the time constant associated with fluorescence decay. These magnetically induced differences fluorescence emission spectra and decay can be used to identify, classify, or sort materials noninvasively.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2012
(21) Application No.518/KOL/2012 A
(43) Publication Date : 08/11/2013

(54) Title of the invention : AN ADAPTIVE METHOD FOR PROCESSING AN EVENT SEQUENCE IN A COMPLEX EVENT PROCESSING SYSTEM AND A SYSTEM THEREOF

(51) International classification :G04F
(31) Priority Document 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)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2 80333 MÜNCHEN GERMANY
(72)**Name of Inventor :**
1)MANDAR MUTALIKDESAI
2)SANKET PATIL

(57) Abstract :
The present invention relates to an adaptive method for processing an event sequence (59) in a CEP system (60) and a system (60) thereof. An event sequence (59) related to an entity (35) is received. The event sequence (59) is a sequence of a plurality of events (21-30) and each of the plurality of events (21-30) comprises an event label (41-50). The plurality of events (21-30) is sequenced responsive to the event labels (41-50) for obtaining the event sequence (59). The event sequence (59) is compared with each of a plurality of reference event sequences (91-100). A closest matching reference event sequence (96) for the event sequence (59) is determined. Therewith an anomaly in the event sequence (59) is determined if the event sequence (59) is non-identical to the closely matching reference event sequence (96). The event sequence (59) is then added to the plurality of reference event sequences (91-100) based on the determined anomaly.

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

AMENDMENT UNDER SEC.57, KOLKATA

In pursuance of leave granted under Section 57 of the Patents Act, the name of the Patentee in respect of Patent No. 213664 has been

Amended to:-

JOHNSON & JOHNSON MEDICAL GMBH.

PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl.No.	Appln. No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriate Office
1.	997/KOLNP/2003	213410	SAINT-GOBAIN SEVA.	DEVICE FOR BLOWING A FLUID ONTO AT LEAST ONE FACE OF A THIN ELEMENT AND ASSOCIATED BLOWING UNIT	17/05/2013	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.

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	192512	2374/DEL/1995	21/12/1995		AN IMPROVED PROCESS FOR THE PREPARATION OF ELECTROLUMINESCENT POWDER	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH		DELHI
2	193581	2339/DEL/1995	18/12/1995	01/02/1995	A FLAT PLATE ROTARY MEMBER	SUNSTAR ENGINEERING INC.,		DELHI
3	257773	10059/DELNP/2007	20/07/2006	22/07/2005	PROCESS FOR PRODUCTION OF A LINEAR OR CYCLIC ALIPHATIC ISOCYANATE,	MITSUI CHEMICALS,INC.	20/06/2008	DELHI
4	257774	1523/DELNP/2007	30/08/2005	03/09/2004	LAMINATING ADHESIVE, LAMINATE INCLUDING THE SAME,AND METHOD OF MAKING A LAMINATE	H.B.FULLER COMPANY.,	17/08/2007	DELHI
5	257775	4204/DELNP/2007	29/11/2005	29/11/2004	AN ELLIPTIC DIPOLE ANTENNA FOR PORTABLE DEVICES	QUALCOMM INCORPORATED,	31/08/2007	DELHI
6	257776	800/DEL/2006	23/03/2006	15/04/2005	GATHERING RANDOMNESS IN A WIRELESS SMART CARD READER	RESEARCH IN MOTION LIMITED	22/06/2007	DELHI
7	257777	3885/DELNP/2007	30/11/2005	30/11/2004	METHOD OF PRODUCING OBLONG SHELL MEMBER	LM GLASFIBER A/S	31/08/2007	DELHI
8	257778	372/DELNP/2007	07/07/2005	09/07/2004	A METHOD FOR PROCESSING DATA PACKETS IN A DATA NETWORK AND AN INTERMEDIATE NODE THEREOF	CISCO TECHNOLOGY, INC	03/08/2007	DELHI
9	257779	3784/DELNP/2006	18/12/2003	18/12/2003	THE FUSION PROTEIN OF SURFACTANT PROTEIN B OR C, A PLASMINOGEN ACTIVATOR AND METHOD THEREOF	JUSTUS-LIEBIG-UNIVERSITAT GIESSEN	22/06/2007	DELHI

10	257780	3481/DELNP/2007	13/10/2005	13/10/2004	PROCESS FOR THE SYNTHESIS OF 4-(3-METHANESULFONYLPHENYL)-1-PROPYL-PIPERIDINE	IVAX INTERNATIONAL Gmbh	31/08/2007	DELHI
11	257781	3181/DELNP/2004	09/04/2003	16/04/2002	AN APPARATUS FOR PROVIDING TRELLIS DECODED DATA AND A METHOD THEREOF.	M/S. THOMSON LICENSING S.A	09/10/2009	DELHI
12	257783	1078/DEL/2006	27/04/2006		A PROCESS FOR THE PREPARATION OF LOW CHOLESTEROL GHEE.	INDIAN COUNCIL OF AGRICULTURAL RESEARCH	02/12/2011	DELHI
13	257784	988/DEL/2004	31/05/2004	26/09/2003	A DECAHYDRO-INDENO[4,3a-b] FURAN COMPOUND AND PROCESS OF PREPARATION THEREOF	INTERNATIONAL FLAVORS & FRAGRANCES INC.	23/06/2006	DELHI
14	257786	1442/DELNP/2006	20/09/2004	19/09/2003	HANDHELD ELCETRONIC DEVICE PROVIDING TIME DATA IN A MESSAGING ENVIRONMENT.	RESEARCH IN MOTION LIMITED,	24/08/2007	DELHI
15	257787	2116/DELNP/2006	14/10/2004	14/10/2003	A COMMUNICATION DEVICE CAPABLE OF TUNING AN OSCILLATOR AND A METHOD THEREOF	QUALCOMM INCORPORATED	13/07/2007	DELHI
16	257788	2405/DELNP/2004	07/03/2003	07/03/2002	METHOD FOR DISPLAYING A VIDEO IMAGE ON A DIGITAL DISPLAY DEVICE DURING A VIDEO FRAME AND A DEVICE THEREOF	THOMSON LICENSING S.A	02/10/2009	DELHI
17	257795	3485/DELNP/2006	16/12/2004	16/12/2003	A METHOD OF PREVENTING TRANSMISSION OF A TRANSGENE OF INTEREST	PIONEER HI-BRED INTERNATIONAL, INC.	31/08/2007	DELHI
18	257796	1329/DELNP/2008	19/07/2006	25/07/2005	INSECTICIDAL AND FUNGICIDAL COMPOSITION	MITSUI CHEMICALS, INC.,	20/06/2008	DELHI
19	257798	7773/DELNP/2007	09/03/2006	09/03/2005	process for the crystalline polymorph A of(S)-1-{[2-(5- methyl-2-phenyl-oxazol-4-yl)-ethylamino]-acetyl}-pyrrolidine-2-carbonitrile Mesylate	F.HOFFMANN-LA ROCHE AG	09/11/2007	DELHI
20	257803	3283/DELNP/2007	31/10/2005	05/11/2004	A SYSTEM AND METHOD FOR MANAGING RESOURCES IN A WIRELESS NETWORK, A BASE STATION AND A RADIO ACCESS GATEWAY THEREFOR	INTERDIGITAL TECHNOLOGY CORPORATION	31/08/2007	DELHI

21	257804	1299/DELNP/2007	02/09/2005	03/09/2004	PYRIDINE METHYLENE AZOLIDINONES AND USE THEREOF PHOSPHOINOSITIDE INHIBITORS	LABORATOIRES SERONO SA	17/08/2007	DELHI
22	257805	976/DELNP/2007	07/07/2005	07/07/2004	A METHOD OF PREPARING OF AZO BONDED IMMUNOREGULATORY COMPOUND	BIOCON LIMITED	03/08/2007	DELHI
23	257809	3762/DELNP/2007	17/11/2005	22/11/2004	A METHOD OF SUPPLYING LUBRICANTING OIL IN COLD ROLLING	NIPPON STEEL CORPORATION ,ARCELORMITTAL FRANCE	24/08/2007	DELHI
24	257814	3427/DELNP/2006	25/11/2003	25/11/2003	A THERMAL INTERFACE MATERIAL FOR BONDING COMPONENTS OF ELECTRONIC DEVICES	FRY'S METALS INC.	20/04/2007	DELHI
25	257815	5647/DELNP/2007	03/02/2006	03/02/2005	METHOD FOR SCREENING A COMPOSITE ANTIBODY VARIABLE REGION	ANTITOPE LIMITED	17/08/2007	DELHI
26	257817	7605/DELNP/2006	22/05/2006	20/05/2005	SIGNAL PROCESSING APPARATUS WITH SIGNAL CONTROL UNITS AND PROCESSOR UNITS OPERATING BASED ON DIFFERENT THREADS	SONY CORPORATION	22/06/2007	DELHI
27	257818	6729/DELNP/2006	02/03/2005	13/05/2004	A DESKTOP TELEPHONE FOR CONNECTING TO A CENTRAL COMMUNICATION DEVICE IN A FIRST NETWORK	SIEMENS ENTERPRISE COMMUNICATIONS GmbH & Co. KG	31/08/2007	DELHI
28	257820	677/DEL/2004	06/04/2004		ELECTRONIC MODULE FOR GAMMA RAY SPECTROSCOPY SYSTEM	INTER-UNIVERSITY ACCELERATOR CENTRE	02/06/2006	DELHI
29	257824	688/DELNP/2005	25/03/2002	26/03/2001	A METHOD AND AN APPARATUS FOR CONTROLLING A REVERSE DATA RATE IN A BASE STATION/MOBILE STATION	SAMSUNG ELECTRONICS CO., LTD.	28/11/2008	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

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	257794	634/MUM/2011	07/03/2011 17:02:53		PHARMACEUTICAL INJECTION FOR TREATMENT OF JOUNDICE & ANAEMIA	BIRADAR SHIVSHANKAR BABURAO	01/07/2011	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

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	257782	1080/CHENP/2008	20/07/2006	05/08/2005	ONE-WAY CLUTCH	EXEDY CORPORATION	12/09/2008	CHENNAI
2	257785	929/CHE/2008	15/04/2008		FIELD EFFECT TRANSISTOR (FET) SENSOR FOR SENSING PRESSURE/FORCE	INDIAN INSTITUTE OF SCIENCE	23/10/2009	CHENNAI
3	257789	3482/CHENP/2006	18/03/2005	24/03/2004	CENTERING PIN WITH A WEAR-RESISTANT SINTERED BODY AND METAL TIP	FRIATEC AKTIENGESELLSCHAFT	15/06/2007	CHENNAI
4	257791	1105/CHE/2005	10/08/2005		METHOD FOR SUBCLUSTERING OF NETWORK FOR A DECENTRALIZED WIRELESS NETWORK	SAMSUNG INDIA SOFTWARE OPERATIONS PVT.LTD	21/09/2007	CHENNAI
5	257792	3316/CHENP/2008	20/02/2006	28/12/2005	A METHOD FOR PROVIDING SECURE ACCESS TO EMBEDDED DEVICE	PANASONIC CORPORATION	06/03/2009	CHENNAI
6	257793	2987/CHENP/2007	05/12/2005	06/12/2004	PROCESS FOR PREPARING DISPERSIONS OF TIO2 NANOPARTICLES AND DISPERSIONS THEREOF	COLOROBBIA ITALIA S.p.A.	07/09/2007	CHENNAI
7	257799	2963/CHENP/2008	14/12/2005	14/12/2005	THE NON-WATER LAVATORY FLUSHING DEVICE WITH FLUSHING PUMP	WU, Hao	03/07/2009	CHENNAI
8	257800	3026/CHENP/2008	26/09/2006	16/11/2005	YARN AND GLAND PACKING	NIPPON PILLAR PACKING CO., LTD.	06/03/2009	CHENNAI
9	257801	494/CHENP/2007	18/07/2005	03/08/2004	SAFETY INSIDE DOOR FOR AN AIRCRAFT	AIRBUS,AIRBUS OPERATIONS GmbH	24/08/2007	CHENNAI
10	257802	3271/CHENP/2006	24/02/2005	10/03/2004	FREEZE DRYER	I.M.A. INDUSTRIA MACCHINE AUTOMATICHE S.p.A.	15/06/2007	CHENNAI
11	257806	2895/CHENP/2007	07/08/2003	20/12/2002	A TABLET CONTAINING BIPHOSPHONATES AS ACTIVE SUBSTANCE AND A PROCESS FOR THE PREPARATION OF A COMPOSITION COMPRISING THE SAME	F. HOFFMANN-LA ROCHE AG	27/06/2008	CHENNAI

12	257810	823/CHENP/2007	08/07/2005	27/07/2004	AN ORAL MULTIPARTICLE PHARMACEUTICAL FORM	EVONIK ROHM GMBH	24/08/2007	CHENNAI
13	257816	3090/CHENP/2008	27/12/2005	20/12/2005	A METHOD FOR PROVIDING A NETWORK BRIDGE IN UDP MULTICAST TRAFFIC	Panasonic Corporation	06/03/2009	CHENNAI
14	257819	576/CHENP/2007	11/07/2005	14/07/2004	A device for converting a first number of input audio channels into a second number of output audio channels and audio system	KONINKLIJKE PHILIPS ELECTRONICS N.V.	24/08/2007	CHENNAI
15	257821	4738/CHENP/2006	22/06/2005	23/06/2004	METHOD OF AND SYSTEM FOR, COMMUNICATING DATA, AND A STATION FOR TRANSMITTING DATA	KONINKLIJKE PHILIPS ELECTRONICS N.V.	29/06/2007	CHENNAI
16	257822	3255/CHENP/2006	08/03/2005	08/03/2004	A CONDUCTING SALT COMPOSITION FOR GALVANIC CELLS AND A PROCESS FOR PREPARING THE SAME	Chemetall GmbH	06/07/2007	CHENNAI
17	257823	4027/CHENP/2006	21/04/2005	23/04/2004	SELECTING INPUT/OUTPUT DEVICES TO CONTROL POWER CONSUMPTION OF A COMPUTER SYSTEM	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	29/06/2007	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	257790	1645/KOLNP/2008	26/10/2006	07/11/2005	PROCESS FOR THE PREPARATION OF PYRIDYLCARBOXYLIC AMIDES AND ESTERS	BASF SE	30/01/2009	KOLKATA
2	257797	1614/KOL/2007	28/11/2007	22/12/2006	RUBBER COMPOSITION FOR COATING STEEL CORD AND TIRE HAVING BELT USING SAME	SUMITOMO RUBBER INDUSTRIES, LTD.	11/07/2008	KOLKATA
3	257807	592/KOL/2005	17/10/2000	01/11/1999	CONICALLY BORED HUB FOR BEARING OF A SCROLL MEMBER	EMERSON CLIMATE TECHNOLOGIES, INC.	10/08/2007	KOLKATA
4	257808	822/KOLNP/2006	05/08/2005	06/08/2004	TONER CARTRIDGE, IMAGE FORMING APPARATUS, METHOD OF RECYCLING TONER CARTRIDGE	RICOH COMPANY, LIMITED	13/04/2007	KOLKATA
5	257811	267/KOLNP/2007	27/06/2005	25/06/2004	NOVEL COMPOSITION IN THE FORM OF A MEDICAMENT FOR NEUROLOGICAL DISORDERS	ID BIOMEDICAL CORPORATION OF QUEBEC,THE BRIGHAM AND WOMEN'S HOSPITAL, INC.	06/07/2007	KOLKATA
6	257812	2141/KOLNP/2006	03/01/2005	31/12/2003	SYSTEMS,METHODS,INTERFACES AND SOFTWARE FOR AUTOMATED COLLECTION AND INTEGRATIONOF ENTITY DATA INTO ONLINE DATABASES AND PROFESSIONAL DIRECTORIES.	THOMSON REUTERS GLOBAL RESOURCES	18/05/2007	KOLKATA
7	257813	609/KOL/2008	26/03/2008	12/04/2007	SEMICONDUCTOR MODULE	SIEMENS AKTIENGESELLSCHAFT	08/05/2009	KOLKATA
8	257825	825/KOLNP/2005	09/12/2003	20/12/2002	A METHOD FOR COMMUNICATING WITH A MULTIMODE RECEIVING DEVICE	MOTOROLA, INC.	07/07/2006	KOLKATA

CONTINUED TO PART- 2