

# Bulletin Officiel de la Propriété Industrielle (BOPI)

## Brevets d'inventions

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Organisation  
Africaine de la  
Propriété  
Intellectuelle



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**PREMIERE PARTIE  
GENERALITES**

## Extrait de la norme ST.3 de l'OMPI

Code normalisé à deux lettres recommandé pour la représentation des pays ainsi que d'autres entités et des organisations internationales délivrant ou enregistrant des titres de propriété industrielle.

Afghanistan	<b>AF</b>	Cook, Îles	<b>CK</b>
Afrique du Sud	<b>ZA</b>	Corée (République de Corée)	<b>KR</b>
Albanie	<b>AL</b>	Corée (Rép. Populaire de Corée)	<b>KP</b>
Algérie	<b>DZ</b>	Costa Rica	<b>CR</b>
Allemagne	<b>DE</b>	Côte d'Ivoire*	<b>CI</b>
Andorre	<b>AD</b>	Croatie	<b>HR</b>
Angola	<b>AO</b>	Cuba	<b>CU</b>
Anguilla	<b>AI</b>	Danemark	<b>DK</b>
Antigua-et-Barbuda	<b>AG</b>	Djibouti	<b>DJ</b>
Antilles Néerlandaises	<b>AN</b>	Dominicaine, République	<b>DO</b>
Arabie Saoudite	<b>SA</b>	Dominique	<b>DM</b>
Argentine	<b>AR</b>	Egypte	<b>EG</b>
Arménie	<b>AM</b>	El Salvador	<b>SV</b>
Aruba	<b>AW</b>	Emirats Arabes Unis	<b>AE</b>
Australie	<b>AU</b>	Equateur	<b>EC</b>
Autriche	<b>AT</b>	Erythrée	<b>ER</b>
Azerbaïdjan	<b>AZ</b>	Espagne	<b>ES</b>
Bahamas	<b>BS</b>	Estonie	<b>EE</b>
Bahreïn	<b>BH</b>	Etats-Unis d'Amérique	<b>US</b>
Bangladesh	<b>BD</b>	Ethiopie	<b>ET</b>
Barbade	<b>BB</b>	Ex Rep. Yougoslavie de Macedoine	<b>MK</b>
Bélarus	<b>BY</b>	Falkland, Îles (Malvinas)	<b>FK</b>
Belgique	<b>BE</b>	Fédération de Russie	<b>RU</b>
Belize	<b>BZ</b>	Fidji	<b>FJ</b>
Bénin*	<b>BJ</b>	Féroé, Îles	<b>FO</b>
Bermudes	<b>BM</b>	Finlande	<b>FI</b>
Bhoutan	<b>BT</b>	France	<b>FR</b>
Bolivie	<b>BO</b>	Gabon*	<b>GA</b>
Bonaire, Saint-Eustache et Saba	<b>BQ</b>	Gambie	<b>GM</b>
Bosnie-Herzégovine	<b>BA</b>	Géorgie	<b>GE</b>
Botswana	<b>BW</b>	Géorgie du Sud et les Îles Sandwich du Sud	<b>GS</b>
Bouvet, Île	<b>BV</b>	Ghana	<b>GH</b>
Brésil	<b>BR</b>	Gibraltar	<b>GI</b>
Brunéi Darussalam	<b>BN</b>	Grèce	<b>GR</b>
Bulgarie	<b>BG</b>	Grenade	<b>GD</b>
Burkina Faso*	<b>BF</b>	Groenland	<b>GL</b>
Burundi	<b>BI</b>	Guatemala	<b>GT</b>
Caïmanes, Îles	<b>KY</b>	Guernesey	<b>GG</b>
Cambodge	<b>KH</b>	Guinée*	<b>GN</b>
Cameroun*	<b>CM</b>	Guinée-Bissau*	<b>GW</b>
Canada	<b>CA</b>	Guinée Equatoriale*	<b>GQ</b>
Cap-Vert	<b>CV</b>	Guyana	<b>GY</b>
Centrafricaine, République*	<b>CF</b>	Haïti	<b>HT</b>

Chili	<b>CL</b>	Honduras	<b>HN</b>
Chine	<b>CN</b>	Hong Kong	<b>HK</b>
Chypre	<b>CY</b>	Hongrie	<b>HU</b>
Colombie	<b>CO</b>	Île de Man	<b>IM</b>
Comores*	<b>KM</b>	Îles Vierges (Britanniques)	<b>VG</b>
Congo*	<b>CG</b>	Inde	<b>IN</b>
Congo(Rép.Démocratique)	<b>CD</b>	Indonésie	<b>ID</b>
Iran(République Islamique d')	<b>IR</b>	Norvège	<b>NO</b>
Iraq	<b>IQ</b>	Nouvelle-Zélande	<b>NZ</b>
Irlande	<b>IE</b>	Oman	<b>OM</b>
Islande	<b>IS</b>	Ouganda	<b>UG</b>
Israël	<b>IL</b>	Ouzbékistan	<b>UZ</b>
Italie	<b>IT</b>	Pakistan	<b>PK</b>
Jamaïque	<b>JM</b>	Palaos	<b>PW</b>
Japon	<b>JP</b>	Panama	<b>PA</b>
Jersey	<b>JE</b>	Papouasie-Nouvelle-Guinée	<b>PG</b>
Jordanie	<b>JO</b>	Paraguay	<b>PY</b>
Kazakhstan	<b>KZ</b>	Pays-Bas	<b>NL</b>
Kenya	<b>KE</b>	Pérou	<b>PE</b>
Kirghizistan	<b>KG</b>	Philippines	<b>PH</b>
Kiribati	<b>KI</b>	Pologne	<b>PL</b>
Koweït	<b>KW</b>	Portugal	<b>PT</b>
Laos	<b>LA</b>	Qatar	<b>QA</b>
Lesotho	<b>LS</b>	Région admin. Spéciale de Hong Kong (Rep. Populaire de Chine)	<b>HK</b>
Lettonie	<b>LV</b>	Roumanie	<b>RO</b>
Liban	<b>LB</b>	Royaume Uni (Grande Bretagne)	<b>GB</b>
Libéria	<b>LR</b>	Rwanda	<b>RW</b>
Libye	<b>LY</b>	Sahara Occidental	<b>EH</b>
Liechtenstein	<b>LI</b>	Sainte-Hélène	<b>SH</b>
Lituanie	<b>LT</b>	Saint-Kitts-et-Nevis	<b>KN</b>
Luxembourg	<b>LU</b>	Sainte-Lucie	<b>LC</b>
Macao	<b>MO</b>	Saint-Marin	<b>SM</b>
Macédoine	<b>MK</b>	Saint-Marin (Partie Néerlandaise)	<b>SX</b>
Madagascar	<b>MG</b>	Saint-Siège(Vatican)	<b>VA</b>
Malaisie	<b>MY</b>	Saint-Vincent-et-les Grenadines(a,b)	<b>VC</b>
Malawi	<b>MW</b>	Salomon, Îles	<b>SB</b>
Maldives	<b>MV</b>	Samoa	<b>WS</b>
Mali*	<b>ML</b>	SaoTomé-et-Principe	<b>ST</b>
Malte	<b>MT</b>	Sénégal*	<b>SN</b>
Mariannes du Nord, Îles	<b>MP</b>	Serbie	<b>RS</b>
Maroc	<b>MA</b>	Seychelles	<b>SC</b>
Maurice	<b>MU</b>	Sierra Leone	<b>SL</b>
Mauritanie*	<b>MR</b>	Singapour	<b>SG</b>
Mexique	<b>MX</b>	Slovaquie	<b>SK</b>
Moldova	<b>MD</b>	Slovénie	<b>SI</b>
Monaco	<b>MC</b>	Somalie	<b>SO</b>

Mongolie	<b>MN</b>	Soudan	<b>SD</b>
Monténégro	<b>ME</b>	SriLanka	<b>LK</b>
Montserrat	<b>MS</b>	Suède	<b>SE</b>
Mozambique	<b>MZ</b>	Suisse	<b>CH</b>
Myanmar(Birmanie)	<b>MM</b>	Suriname	<b>SR</b>
Namibie	<b>NA</b>	Swaziland	<b>SZ</b>
Nauru	<b>NR</b>	Syrie	<b>SY</b>
Népal	<b>NP</b>	Tadjikistan	<b>TJ</b>
Nicaragua	<b>NI</b>	Taiwan,Province de Chine	<b>TW</b>
Niger*	<b>NE</b>	Tanzanie (Rép.-Unie)	<b>TZ</b>
Nigéria	<b>NG</b>	Tchad*	<b>TD</b>
Thaïlande	<b>TH</b>	Tchèque,République	<b>CZ</b>
Timor Oriental	<b>TP</b>	Ukraine	<b>UA</b>
Togo*	<b>TG</b>	Uruguay	<b>UY</b>
Tonga	<b>TO</b>	Vanuata	<b>VU</b>
Trinité-et-Tobago	<b>TT</b>	Venezuela	<b>VE</b>
Tunisie	<b>TN</b>	VietNam	<b>VN</b>
Turkménistan	<b>TM</b>	Yémen	<b>YE</b>
Turks et Caïques,Îles	<b>TC</b>	Yougoslavie	<b>YU</b>
Turquie	<b>TR</b>	Zambie	<b>ZM</b>
Tuvalu	<b>TV</b>	Zimbabwe	<b>ZW</b>

**ORGANISATIONS INTERNATIONALES DELIVRANT OU ENREGISTRANT DES TITRES DE PROPRIETE INDUSTRIELLE**

Bureau Benelux des marques et des dessins et modèles industriels	<b>BX</b>
Office Communautaire des variétés végétales (Communauté Européenne (OCVV))	<b>QZ</b>
Office de l'harmonisation dans le marché intérieur (Marque, dessins et modèles)	<b>EM</b>
Office des Brevets du conseil de Coopération des Etats du Golf (CCG)	<b>GC</b>
Office Européen des Brevets (OEB)	<b>EP</b>
Organisation Mondiale de la Propriété Intellectuelle (OMPI)	<b>WO</b>
Bureau International de l'OMPI	<b>IB</b>
Organisation Africaine de la Propriété Intellectuelle (OAPI)	<b>OA</b>
Organisation Eurasienne des Brevets (OEAB)	<b>EA</b>
Organisation Régionale Africaine de la Propriété Industrielle (ARIPO)	<b>AP</b>

\*Etats membres de l'OAPI

**CODES UTILISES EN MATIERE DE DOCUMENTATION DES  
BREVETS D'INVENTION ET DES MODELES D'UTILITE**

- (11) Numéro de publication.
- (12) Désignation du type de document.
- (19) Identification de l'office qui publie le document.
- (21) Numéro d'enregistrement ou de dépôt.
- (22) Date de dépôt.
- (24) Date de délivrance.
- (30) Pays dans lequel (lesquels) la(les) demande(s) de priorité a (ont) été déposée(s).  
Date(s) de dépôt de la (des) demande(s) de priorité.

**(le cas échéant)**

Numéro(s) attribué(s) à la (aux) demande(s) de priorité.

- (51) Classification internationale des brevets(CIB).
- (54) Titre de l'invention.
- (57) Abrégé.
- (60) Références à d'autres documents apparentés (le cas échéant).
- (71) Nom(s) du ou des demandeur(s).
- (72) Nom de l'inventeur (le cas échéant) suivi éventuellement du nom de la société d'appartenance.
- (73) Nom(s) du ou des titulaire(s) le cas échéant.  
(Ce code n'apparaît que sur la première page du brevet délivré)
- (74) Nom du mandataire en territoire OAPI (le cas échéant).

**CODES UTILISES EN MATIERE D'INSCRIPTIONS  
DANS LE REGISTRE SPECIAL DES BREVETS D'INVENTION ET DES  
MODELES D'UTILITE**

- (1) Numéro de délivrance
- (2) Numéro de dépôt
- (3) Numéro et date de la demande d'inscription
- (4) Nature de l'inscription
- (5) Numéro et date de l'inscription
- (10) Cédant
- (11) Cessionnaire
- (12) Apporteur
- (13) Bénéficiaire
- (14) Dénomination avant
- (15) Dénomination après
- (16) Concédant
- (17) Titulaire
- (18) Ancienne adresse
- (19) Nouvelle adresse
- (20) Constituant du nantissement
- (21) Créancier nanti

## CLARIFICATION DU REGLEMENT RELATIF A L'EXTENSION DES DROITS SUITE A UNE NOUVELLE ADHESION A L'ACCORD DE BANGUI

### RESOLUTION N°47/32

#### LE CONSEIL D'ADMINISTRATION DE L'ORGANISATION AFRICAINE DE LA PROPRIETE INTELLECTUELLE

- Vu L'accord portant révision de l'accord de Bangui du 02 Mars 1977 instituant une Organisation Africaine de la Propriété Intellectuelle et ses annexes ;
- Vu Les dispositions des articles 18 et 19 dudit Accord relatives Aux attributions et pouvoirs du Conseil d'Administration ;

**ADOPTE** la clarification du règlement du 04 décembre 1988 relatif à l'extension des droits suite à une nouvelle adhésion à l'Accord de Bangui ci-après :

**Article 1er** :

Le Règlement du 04 décembre 1988 relatif à l'extension des droits suite à une nouvelle adhésion à l'Accord de Bangui est réaménagé ainsi qu'il suit :

**« Article 5 (nouveau) » :**

Les titulaires des titres en vigueur à l'Organisation avant la production des effets de l'adhésion d'un Etat à l'accord de Bangui ou ceux dont la demande a été déposée avant cette date et qui

voudront étendre la protection dans ces Etats doivent formuler une demande d'extension à cet effet auprès de l'Organisation suivant les modalités fixées aux articles 6 à 18 ci-dessous.

Le renouvellement de la protection des titres qui n'ont pas fait l'objet d'extension avant l'échéance dudit renouvellement entraîne une extension automatique des effets de la protection à l'ensemble du territoire OAPI».

Le reste sans changement.

**Article 2** :

La présente clarification, qui entre en vigueur à compter du 1<sup>er</sup> janvier 2008, s'applique aussi aux demandes d'extension en instance et sera publiée au Bulletin Officiel de l'Organisation.

Fait à Bangui le 17 décembre 2007



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01 B.P. 258 Ouagadougou

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Fax: (237) 22 20 37 38  
B.P. 1652 Yaoundé

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Fax : (236) 21 61 76 53  
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B.P. 1988 Bangui

## COMORES-Moroni

### Office comorien de la propriété intellectuelle

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Fax : 269 775 00 03  
B.P. 41 Moroni

## CONGO-Brazzaville

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Fax : (242) 581 54 80  
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Fax: (225) 20 33 53 45  
01 B.P. 2337 Abidjan

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Fax : (241) 01 76 30 55  
B.P. : 1025 Libreville

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Fax: (224) 41 25 42/41 39 90  
B.P. 468 Conakry

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Fax : (245) 322 37 65  
B.P. : 269 Bissau

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Fax : (240) 333 09 33 13  
B.P. : 528 Malabo

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### Centre Malien de la Propriété Industrielle (CEMAPI)

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## MAURITANIE-Nouakchott

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Tel. : (222) 525 72 66  
Fax: (222) 525 69 37  
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### Direction de l'Innovation et de la Propriété Intellectuelle

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### Agence Sénégalaise pour la Propriété Industrielle et l'Innovation Technologique (ASPIT)

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B.P. : 4037 Dakar

## TCHAD-N'djamena

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Fax: (235) 22 52 21 79  
B.P. : 424 N'Djamena

## TOGO-Lomé

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Tel. : (228) 222 10 08  
Fax : (228) 222 44 70  
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**OAPI**

B.P. 887 Yaoundé-Cameroun Tél : (237) 22 20 57 00

E-mail : [oapi@oapi.int](mailto:oapi@oapi.int)

Fax : (237) 22 20 57 27

**[www.oapi.int](http://www.oapi.int)**

**DEUXIEME PARTIE**  
**BREVETS D'INVENTION**

A

REPertoire NUMERIQUE

(11) **16966**

(51) C22B 1/04; C22B 47/00; B07B 1/00

(21) 1201100029 - PCT/BR09/000222

(22) 27.07.2009

(30) BR n° PI 0804694-8 du 25/07/2008

(54) Process to produce manganese pellets from non-calcinated manganese ore and agglomerate obtained by this process.

(72) MAFRA, Washington Luiz.

SOUZA, João Batista Conti de.

(73) VALE S.A. (BR)

(74) SCP AKKUM, AKKUM &amp; Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) It is described a manganese pellet production from non-calcinated manganese ore, comprising the following phases: (a) ore size preparation through ore classification by function of particle size, smaller or equal to 1 mm particles being maintained from the ore particle fraction process so as to have a smaller or equal to 1 mm size, as well as the comminution of these particles; (b) flux addition; (c) agglomerant addition; (d) pelletizing resulting in crude pellets; and (e) thermal processing through crude pellet drying, pre-heating and heating.

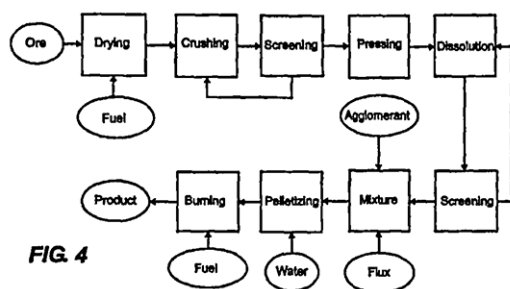


FIG. 4

[Consulter le mémoire](#)(11) **16967**

(51) E03B 11/16 (06.01)

(21) 1201300017

(22) 15.01.2013

(30) US n° 13454608 du 24/04/2012

(54) Power distribution and transmission systems for a water current power generation system.

(72) BOLIN, William D.

(73) Anadarko Petroleum Corporation (US)

(74) Cabinet Spoor &amp; Fisher Inc. Ngwafor &amp; Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Various subsystems for a submerged or waterborne system used to generate power derived from fast-moving water currents using an induction-type generator system equipped with one or more fin-ring propellers are disclosed. Many of the systems and subsystems shown and described herein are individually suitable for use in systems using conventional generator drive systems and other means of power creation. Means for transmission of power generated by such systems, tethering and mooring systems, and methods for improving system transportation, installation and maintenance are also disclosed.

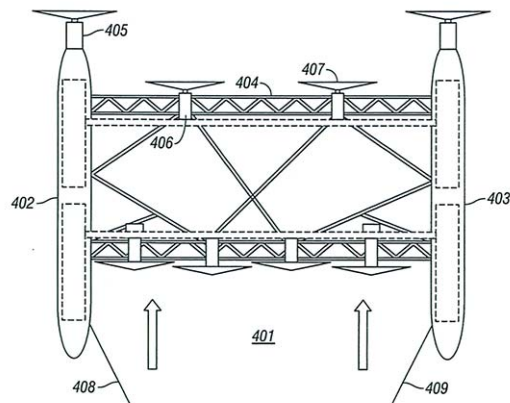


FIG. 4A

[Consulter le mémoire](#)(11) **16968**

(51) E03B 11/16 (06.01)

(21) 1201300018

(22) 15.01.2013

(30) US n° 13454608 du 24/04/2012

(54) Methods and means of installing and maintaining a water current power generation system.

(72) BOLIN, William D.

(73) Anadarko Petroleum Corporation (US)

(74) Cabinet Spoor &amp; Fisher Inc. Ngwafor &amp; Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Various subsystems for a submerged or waterborne system used to generate power derived from fast-moving water currents using an induction-type generator system equipped with one or more fin-ring propellers are disclosed. Many of the systems and subsystems shown and described herein are individually suitable for use in systems using conventional generator drive systems and other means of power creation. Means for transmission of power generated by such systems, tethering and mooring systems, and methods for improving system transportation, installation and maintenance are also disclosed.

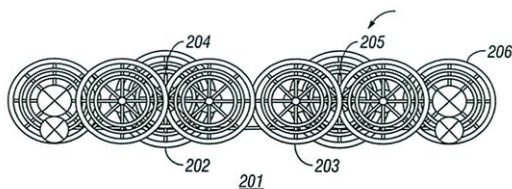


FIG. 2

[Consulter le mémoire](#)

(11) **16969**

(51) G01V 1/135 (06.01)

(21) 1201300204 - PCT/EP11/070987

(22) 24.11.2011

(30) IT n° MI2010A002201 du 26/11/2010

(54) Apparatus for the generation of waves in the marine environment by means of impacting pistons and gas, hydraulic, vapour and electromagnetic launching system for the acquisition of seismic data.

(72) Antonio CARCATERRA.

Davide CALCAGNI.

Stefano Carlo Luigi SANDRONI.

Francesca Gaia BREGA.

(73) ENI S.P.A. (IT)

(74) FANDIO & PARTNERS CONSULTING (SCP), Sis Biyem-Assi II, Rue des Cocotiers, B.P. 12246, YAOUNDE (CM).

(57) Apparatus for the generation of pressure waves for seismic surveys in marine environment comprising a cylinder (3), defining an axis, in which a striker piston (1) and a pump piston (2) are situated, each having two respective opposite sides with respect to said axis, of which a side of the striker piston (1) situated in front of the pump piston (2) is defined first impact side, and a side of the pump piston (2) in front of the striker piston (1) is defined second impact side, the pump piston (2) and the striker piston (1) sliding in the cylinder (3) in a direction parallel to the axis, and the pump piston (2) and striker piston (1) being such as to strike against each other, by means of the first and the second impact sides, the striker piston (1) being driven by activation means pressing on the side opposite to its own impact side, wherein the cylinder (3) comprises, at one of its ends, a chamber (15) having a diameter larger, smaller or equal to that of the portion of cylinder (3) in which the striker piston (1) is housed, wherein in said chamber (15) a part of the pump piston (2) can slide, communication passages which connect the chamber (15) with the water of the marine environment (10), so as to transmit an impulse generated by said impact to the marine environment.

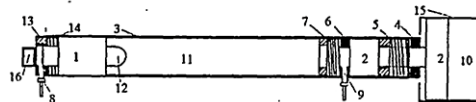


Figure 2

[Consulter le mémoire](#)

(11) **16970**

(51) A61F 6/18; A61F 6/14; A61B 17/42  
A61B 17/34

(21) 1201400013 - PCT/US12/045906

(22) 09.07.2012

(30) US n° 61/506,434 du 11/07/2011

US n° 13/539,843 du 02/07/2012

(54) Intraurinary systems, IUD insertion devices, and related methods and kits therefor.

(72) DECKMAN, Rob.

REPP, Richard, E.

GUYER, Curt.

WESTENDORF, Justin.

PARMER, Timothy.



(73) Medicines360, P.O. Box 208, SAN FRANCISCO, California 94104 (US)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present disclosure is related to an intrauterine system (insertion device) including an intrauterine device (IUD), an insertion device or applicator for inserting the IUD into the cervix of a female patient, methods related to the insertion procedure, and methods of manufacture for the insertion device.

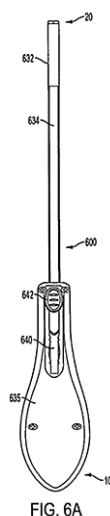


FIG. 6A

[Consulter le mémoire](#)

(11) **16971**

(51) G01N 33/28 (06.01)

(21) 1201400138 - PCT/IN12/000717

(22) 31.10.2012

(30) IN n° 58/MUM/2012 du 06/01/2012

(54) Prediction of refining characteristics of oil.

(72) KUMAR, Rajeev.

AHSAN, Mohammad Muzaffar.

PARIHAR, Prashant Udaysinh.

VOOLAPALLI, Ravi Kumar.

(73) BHARAT PETROLEUM CORPORATION LIMITED (IN)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) Method(s) and a system for predicting the refining characteristics of an oil sample are described. The method of predicting the refining characteristics, such as distillate yield profile, processability, product quality or refinery processing cost, may include development of a prediction model based on regression analysis. The method may further include determining the physical properties of the oil sample and predicting the refining characteristics based on the developed prediction model. The determination of the physical properties of the oil sample includes determining at least one of Conradson Carbon Residue (CCR) content, Ramsbottom Carbon Residue (RCR) and Micro Carbon Residue (MCR).

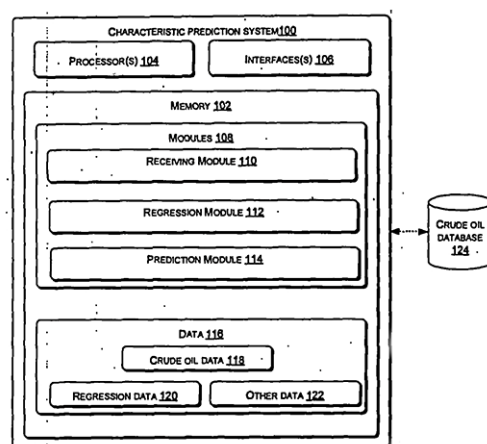


Fig. 1

[Consulter le mémoire](#)

(11) **16972**

(51) E21B 17/00 (06.01)

(21) 1201400154 - PCT/IB12/055382

(22) 05.10.2012

(30) IT n° TO2011A000897 du 07/10/2011

(54) Tubular apparatus for the continuous completion of hydrocarbon wells, and corresponding laying method.

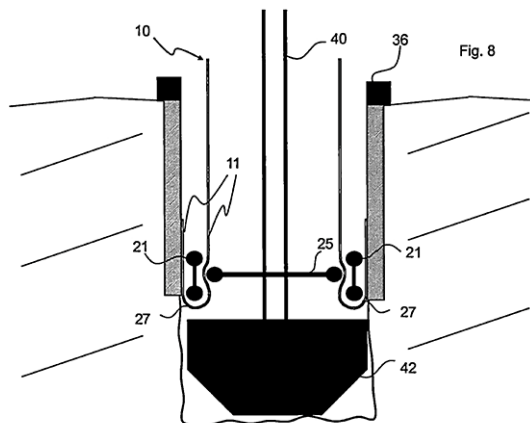
(72) PINARELLO, Giordano.

(73) Eni S.p.A. (IT)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Described herein is a tubular apparatus for the continuous completion of wells for

hydrocarbons, of the type comprising a flexible cylindrical wall (11; 11') defining inside it a hollow passage (19) suitable for being wound, in particular on a spool, and laid for use in the step of completion of a drilling well. According to the invention, said cylindrical wall (11; 11') comprises a fabric (12, 13, 15; 12', 13', 15') including inside it at least one gap (14; 14'), which develops in the axial direction of said cylindrical wall (11), said fabric (12, 13, 15; 12', 13', 15') comprising means suitable for operating under traction (15; 15') when within said at least one gap (14; 14') a pressurized fluid (20) is present injected for stiffening the tubular apparatus (10; 10').



[Consulter le mémoire](#)

- (11) **16973**  
 (51) H04W 04/02 (06.01)  
 (21) 1201400167 - PCT/CN12/080511  
 (22) 23.08.2012  
 (30) CN n° 201110322436.9 du 21/10/2011  
 (54) Contact information synchronization system and method.  
 (72) WEN, Guanghai.  
 XIAO, Haoyu.  
 WANG, Baohua.  
 YU, Shuangquan.  
 (73) Tencent Technology (Shenzhen) Company Limited (CN)  
 (74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).  
 (57) A method for synchronizing between a first address book on a user terminal and a second address book on an SNS network includes

determining a synchronization target and, when the synchronization target is determined as the first address book, downloading contact information from the second address book to the user terminal. The method also includes, when the synchronization target is determined as the second address book, uploading contact information from the first address book to the SNS network, and matching the contact information in the first address book against the contact information in the second address book. Further, the method includes identifying a contact person having same contact information based on the matching and synchronizing information of the contact person in the first address book and information of the contact person in the second address book.

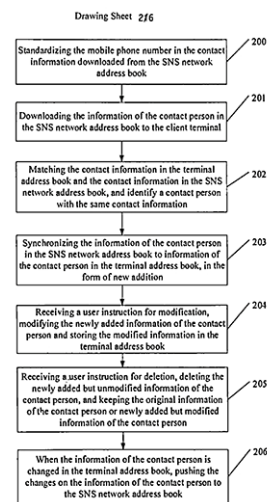


FIG. 2

[Consulter le mémoire](#)

- (11) **16974**  
 (51) G01C 21/32 (06.01)  
 (21) 1201400168 - PCT/EP12/070703  
 (22) 18.10.2012  
 (30) GB n° 1117901.7 du 18/10/2011  
 (54) Methods and apparatus for identifying geographic locations.  
 (72) GEELEN, Pieter.  
 (73) Stichting Mapcode Foundation (NL)  
 (74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).  
 (57) Embodiments of the present invention provide a computer-implemented method for

assigning identifiers to geographic locations within digital map data, comprising selecting a region within the map data, dividing the region into a first plurality of cells each uniquely addressable by an identifier of a first length, selecting a portion of the region and dividing the portion into a second plurality of cells each uniquely addressable by an identifier of a second length, wherein the second length is shorter length than the first length and a geographic location within the portion of the region may be uniquely identified by an identifier of the first length and an identifier of the second length.

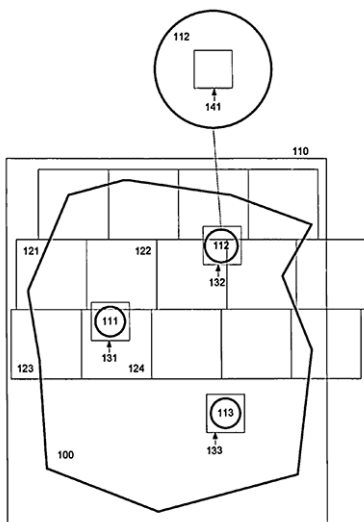


Fig. 1

[Consulter le mémoire](#)

(11) **16975**

(51) H04L 29/08 (06.01)

(21) 1201400195 - PCT/CN13/073735

(22) 03.04.2013

(30) CN n° 201210126863.4 du 26/04/2012

(54) Method, terminal, server, system and storage medium for microblog topic presentation.

(72) LIU, Nian.

Ma, Qunli.

Wu, Wei.

FAN, Huaheng.

PENG, Chuan.

ZHANG, Jun.

WANG, Ziming.

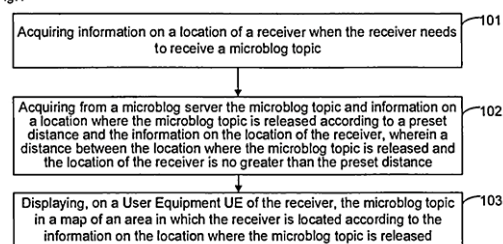
LI, Yang.

(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present disclosure discloses a method and system for displaying a microblog topic, a UE, a server, and a non-transitory computer-readable storage medium in the field of communication. The method includes that: when a receiver needs to receive a microblog topic, information on a location of the receiver is acquired; the microblog topic and information on a location where the microblog topic is released are acquired from a microblog server according to a preset distance and information on the location of the receiver, wherein a distance between the location where the microblog topic is released and the location of the receiver is no greater than the preset distance; and the microblog topic is displayed in a map of an area in which the receiver is located on a User Equipment (UE) according to the information on the location where the microblog topic is released. The system includes the UE and the microblog server. With the present disclosure, it is possible to further promote the activeness of a microblog topic.

Fig.1



[Consulter le mémoire](#)

(11) **16976**

(51) H04L 12/58 (06.01)

(21) 1201400199 - PCT/CN12/081686

(22) 20.09.2012

(30) CN n° 201110352052.1 du 09/11/2011

(54) Method and device for selecting good friend in microblog.

(72) LI, Yang.

ZHANG, Chen.

ZHANG, Jing.

LI, Meina.

CHEN, Danzhi.

MA, Qunli.



LIU, Nian.

LIU, Yufei.

YE, Jun.

(73) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED (CN)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) Method and device for selecting friends in microblogging are disclosed. The method includes steps of: the method comprising steps of: calling a friend-select interface and displaying a friend list, a friend address bar and a friend-confirm button on the friend-select interface in response to a detection of an event of a friend-select trigger button being clicked by a user account; adding friend identifiers corresponding to N friends into the friend address bar in response to a detection of an event of the N friends in the friend list being selected by the user account; and detecting an even of the friend-confirm button being clicked by the user account and thereby realizing a selection of the N friends in microblogging, wherein N is an integer greater than 1. Thus, the present invention provides an improved user experience when users try to perform a multi friend selection in microblogging.

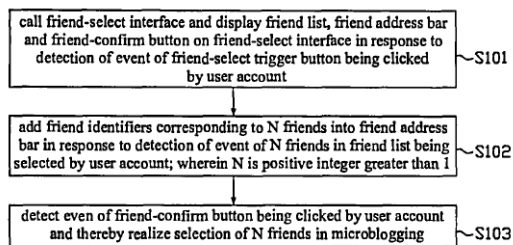


FIG. 1

[Consulter le mémoire](#)

(11) **16977**

(51) H04W 4/14 (06.01)

(21) 1201400200 - PCT/IB11/055046

(22) 11.11.2011

(54) Dynamic data/content browsing.

(72) BERRY, Peter Andrew.

PIETERS, Hendrik.

(73) SIM DYNAMIX IP (PTY) LTD (ZA)

(74) SCP ATANGA IP, 2nd Floor, Immeuble Tayou Fokou, Douche-Akwa, B.P. 4663, DOUALA (CM).

(57) A method of dynamic content/data browsing between a mobile device such as a telephone and a server is provided, as well as software loadable onto the server and onto an identification module (e.g. a SIM card) of the communication device, and to a SIM card loaded with software, for implementing the method. The method includes selecting menu options and transmitting messages via a wireless communications network between the device and the server. While these messages are being transmitted, a virtual session using USSD1 as bearer is maintained on the device and preferably also on the server, for the duration of the communication. Menu update messages are generated on the server during the communication and are sent to the device using USSD1 as bearer and the menus on the SIM card are updated and cached.

[Consulter le mémoire](#)

(11) **16978**

(51) G06F 17/30 (06.01)

(21) 1201400201 - PCT/CN12/079561

(22) 02.08.2012

(30) CN n° 201110363120.4 du 16/11/2011

(54) Method and server for searching for nearby user in social network.

(72) CHEN, Junchao.

LAI, Zhonghua.

CUI, Haochuan.

WU, Yu.

MA, Cuilong.

FENG, Jingqiong.

HUANG, Tianqing.

YE, Wa.

LIN, Xiangyao.

LIN, Xueqin.

ZHANG, Yuxuan.

RONG, Kunfeng.

LING, Guo.

(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre

Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Methods and servers for searching for nearby users are provided in the present disclosure. When location information and a user Identification (ID) is received from a client terminal device of a user X, a grid Y, to which the location information belongs is determined. The user ID and the location information of the user X is stored in a list of the grid Y. The grid Y is one of grids in a grid array obtained by dividing a surface of the earth into the grids. Users in the grid Y and other grids are searched. The grid Y and the other grids form an N-grid and the grid Y is a center of the N-grid. The users are ranked in an ascending order of distances between the users the user X. The ranked user IDs of the users and distances between the users and the user X are sent to the client terminal device of the user X.

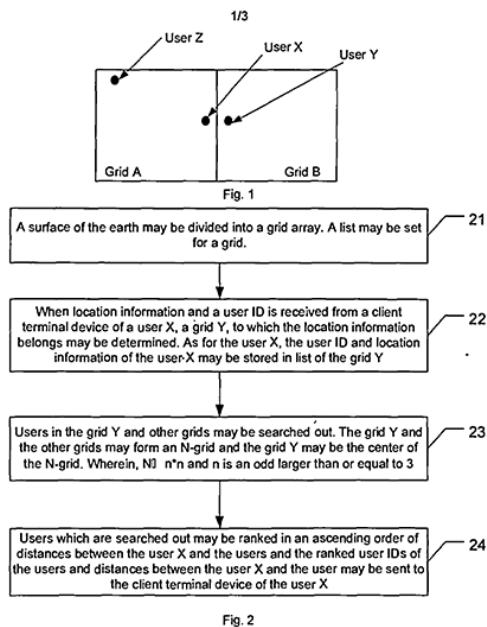


Fig. 2

[Consulter le mémoire](#)

(11) **16979**

(51) E21B 33/13 (06.01)

(21) 1201400202 - PCT/US12/060370

(22) 16.10.2012

(30) US n° 61/560,545 du 16/11/2011

US n° 61/640,429 du 30/04/2012

US n° 13/567,916 du 06/08/2012

(54) Gravel and fracture packing using fibers.

(72) FULLER, Michael J.

VIDMA, Konstantin Viktorovich.

PANGA, Mohan K.R.

GADIYAR, Balkrishna.

BURUKHIN, Alexander Alexandrovich.

GLAZNEV, Ivan Sergeevich.

TIBBLES, Raymond J.

MEDVEDEV, Anatoly Viadimirovich.

(73) PRAD Research and Development Limited (VG)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A technique includes completing a well, including installing a tubing string that includes a screen in the well and installing a fiber-based material outside of the screen. The technique further includes using the well as an injection well, including communicating a fluid into the tubing string to cause an injection flow to be communicated in a fluid flow path from an interior of the tubing string, through the screen and into a formation.

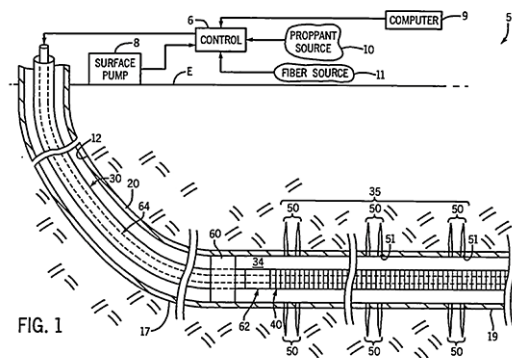


FIG. 1

[Consulter le mémoire](#)

(11) **16980**

(51) H04L 12/58 (06.01)

(21) 1201400203 - PCT/CN12/078033

(22) 02.07.2012

(30) CN n° 2011103649208 du 17/11/2011

(54) Anonymous communication system and transmission method of information transmission unit in anonymous communication system.

(72) ZHU, Meng.

(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Disclosed are an anonymous communication system and a transmission method of an information transmission unit in the anonymous communication system. The method includes: after receiving an information transmission unit sent by a sending party, storing the information transmission unit in a storage pool, inserting the information transmission unit into a preset ordering queue, and generating more than one index information according to the content of the information transmission unit and the information of the sending party; setting more than one index matching information of a receiving party; according to the index matching information of the receiving party, inquiring index information of the storage pool, finding out an information transmission unit set which meets the index matching information, selecting one information transmission unit from the set according to an ordering situation of each information transmission unit in the set in the ordering queue and a preset delivery strategy, delivering the information transmission unit to the receiving party, and adjusting the ordering queue according to a delivery situation. By means of the present disclosure, the degree of association between the receiving party and the content of the information transmission unit as well as the sending party can be improved, and the user response rate and activity are improved.

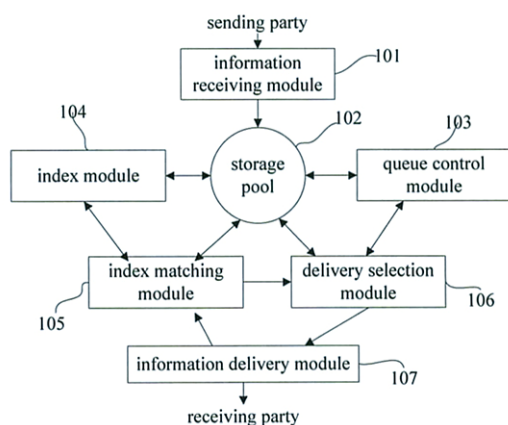


Fig. 1

(11) **16981**

(51) F27B 3/24 (06.01)

(21) 1201400207 - PCT/FI12/051192

(22) 30.11.2012

(30) FI n° 20116202 du 30/11/2011

(54) Cooling element and method for manufacturing a cooling element.

(72) LINDGREN, Mari.

DJÖRKLUND, Peter.

JÅFS, Mikael.

PESONEN, Lauri P.

(73) OUTOTEC OYJ (FI)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) The invention relates to a cooling element for a pyrometallurgical furnace such as for a flash smelting furnace or for a flash converting furnace or for a suspension smelting furnace. The invention relates also to a method for manufacturing a cooling element for a pyrometallurgical furnace such as for a flash smelting furnace or for a flash converting furnace or for a suspension smelting furnace. The cooling element (2) has a fire surface (2) to be in contact with an interior of the metallurgical furnace. The cooling element comprises a base element (4) containing copper and a coating (5) at least partly covering the base element (4). The coating (4) forms the fire surface (2) of the cooling element (1). The coating (5) is at least partly applied by a laser coating process such as laser deposition, and the coating (5) contains a Ni based alloy.

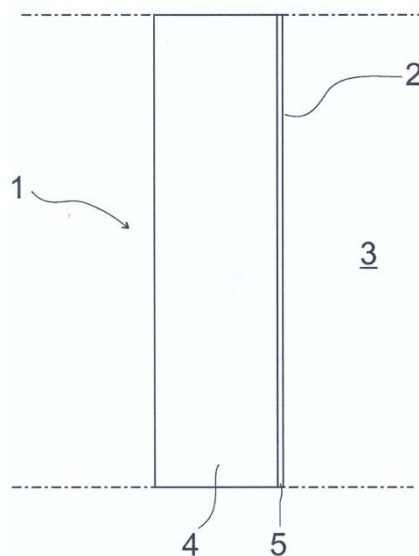


Fig. 1

[Consulter le mémoire](#)

[Consulter le mémoire](#)

(11) **16982**

(51) F16L 15/04 (06.01)

(21) 1201400208 - PCT/JP12/080403

(22) 16.11.2012

(30) JP n° 2011-253187 du 18/11/2011

(54) Tubular threaded joint having improved high torque performance.

(72) GOTO, Kunio.

TANAKA, Yuji.

YAMAMOTO, Yasuhiro.

(73) Nippon Steel & Sumitomo Metal Corporation (JP) et Vallourec Oil and Gas France (FR)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A tubular threaded joint which is free from harmful heavy metals, which has excellent galling resistance, gas tightness, and rust-preventing properties and which does not readily undergo yielding of shoulder portions even when subjected to makeup with a high torque is constituted by a pin 1 and a box 2 each having a contact surface comprising an unthreaded metal contact portion including a seal portion 4a or 4b and a shoulder portion 5a or 5b and a threaded portion 3a or 3b. Of the contact surface of at least one of the pin and the box, the surfaces of the seal portion and the shoulder portion has a first lubricating coating 10 in the form of a solid lubricating coating, and the surface of the threaded portion or the entire surface of the contact surface has a second lubricating coating 11 selected from a viscous liquid lubricating coating and a solid lubricating coating. The first lubricating coating has a coefficient of friction which is higher than that of the second lubricating coating, and the second lubricating coating is positioned on top in a portion where both the first lubricating coating and the second lubricating coating are present.

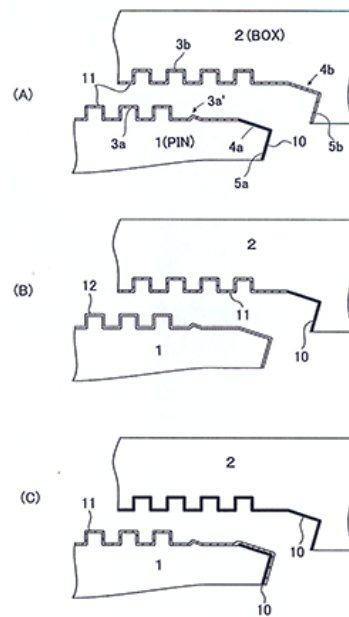


Fig. 6

[Consulter le mémoire](#)

(11) **16983**

(51) G06F 3/048 (06.01)

(21) 1201400210 - PCT/CN13/075007

(22) 28.04.2013

(30) CN n° 201210161422.8 du 23/05/2012

(54) Microblog display control method, microblog client and computer storage medium.

(72) ZHANG, Jing.

LI, Meina.

LI, Yang.

CHEN, Danzhi.

LIU, Nian.

MA, Qunli.

ZHANG, Chen.

LIU, Yufei.

YE, Jun.

HOU, Jie.

(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A method for controlling microblog display, a microblog client and a computer storage medium are described, which pertain to microblog

technology. A display interface of microblog consists of a main display area for displaying microblog messages and a promotion display area for displaying recommended messages. The method includes that: a micro-blog message is acquired and displayed in the main display area; recommended messages are pulled from a microblog server at a preset frequency, or/and recommended messages pushed by the microblog server at a preset frequency are received; the recommended messages are displayed in the promotion display area. By displaying the microblog messages in the main display area and displaying the recommended messages in the promotion display area, the recommended messages are pushed actively to users such that the users may acquire the recommended messages without refreshing the microblog and switching the display interface back and forth, visual experience of users is therefore guaranteed.

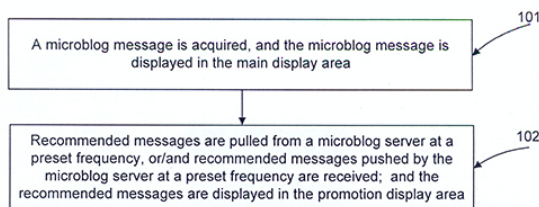


Fig. 1

[Consulter le mémoire](#)

- (11) **16984**  
 (51) H04W 4/12 (06.01)  
 (21) 1201400211 - PCT/CN12/081687  
 (22) 20.09.2012  
 (30) CN n° 201110367413.X du 18/11/2011  
 (54) Method and system for automatically deleting instant messaging information.  
 (72) LIANG, Xing.  
 HUANG, Qing.  
 ZHANG, Bin.  
 (73) Tencent Technology (Shenzhen) Company Limited (CN)  
 (74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).  
 (57) The present invention discloses a method for automatically deleting instant messaging information. The method includes receiving, by an

information transmission terminal, an automatic deletion command from a user of a transmitter, carrying the command in information to be transmitted, transmitting the information; and receiving and playing or displaying, by an information receiving terminal, the information, determining whether the information carries the automatic deletion command, if the information carries the automatic deletion command, deleting the information automatically. In the present invention, the information is deleted automatically according to a command of the user of the information transmission terminal after the information receiving terminal receives and plays the information.

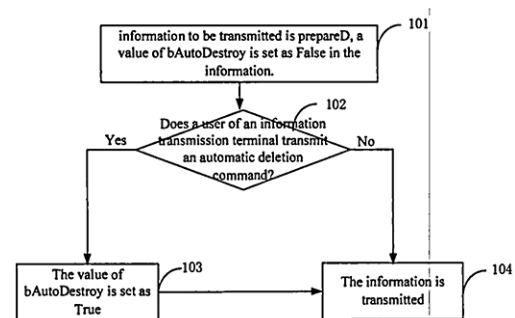


Fig. 1

[Consulter le mémoire](#)

- (11) **16985**  
 (51) G07C 3/14 (06.01)  
 (21) 1201400213 - PCT/CA12/001066  
 (22) 19.11.2012  
 (30) US n° 61/561816 du 18/11/2011  
 (54) A quality control system, method and computer readable medium for use with biological/environmental diagnostic test devices, users and consumables.  
 (72) DUPOTEAU François.  
 (73) Fio Corporation (CA)  
 (74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).  
 (57) A quality control (QC) system collects data associated with biological/environmental diagnostic test devices, users and consumables, and identifies corresponding parameters. The system determines when the data are outside the parameters, and then generates corresponding QC improvement data. A database receives and stores the QC improvement data for use in improved QC procedures. A related method and computer readable medium are also disclosed.



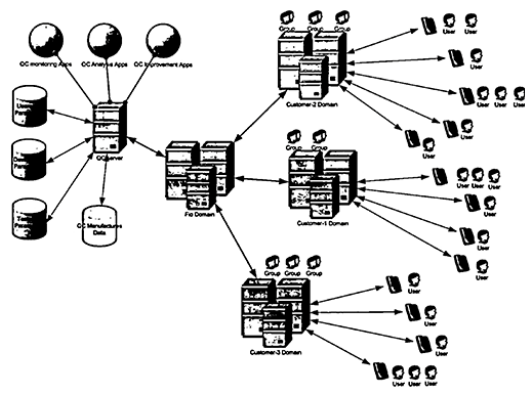


Fig. 1

[Consulter le mémoire](#)

(11) **16986**

(51) E21B 17/01 (06.01)

(21) 1201400214 - PCT/FR12/052717

(22) 23.11.2012

(30) FR n° 11 60934 du 30/11/2011

(54) Installation de liaisons fond-surface flexibles multiples sur au moins deux niveaux.

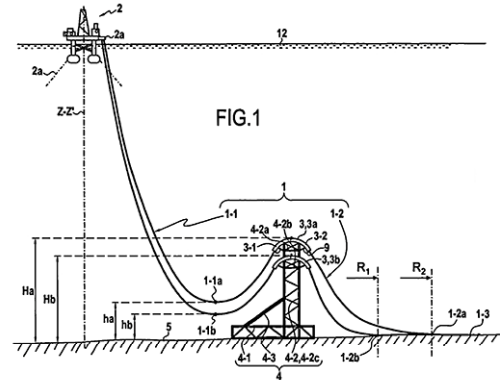
(72) PIONETTI François Régis.

(73) SAIPEM S.A. (FR)

(74) Cabinet CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57) La présente invention concerne une installation de liaisons fond-surface entre un même support flottant (2) et le fond de la mer, comprenant une pluralité de lignes flexibles comprenant des conduites flexibles (1) s'étendant depuis ledit support flottant et le fond de la mer, lesdites lignes flexibles sont supportées par respectivement une pluralité de goulottes (3, 3a-3b) délimitant chacune deux portions de conduite comprenant une première portion de ligne flexible (1-1) en configuration de chaînette double plongeante entre le support flottant (2) et ladite goulotte et une deuxième portion de ligne flexible (1-2) en configuration de chaînette simple entre ladite goulotte et le point de contact (1-2a, 1-2b) de la conduite flexible au fond de la mer. L'installation comprend au moins une structure de support (4) comprenant une partie inférieure formant embase (4-1) reposant et/ou ancrée ou enfoncée au fond de la mer et une partie supérieure (4-2, 4-2a - 4-2b) supportant au moins deux goulottes inférieure (3b) et respectivement supérieure (3a) disposées à des hauteurs différentes (Ha, Hb) de telle sorte que le point bas

(1-1b) de la première portion (1-1) de ligne flexible passant par la goulotte inférieure (1b) est situé au-dessous du point bas (1-1a) de la première portion (1-1) de ligne flexible passant par la goulotte supérieure (3a).



[Consulter le mémoire](#)

(11) **16987**

(51) G07C 3/14 (06.01)

(21) 1201400215 - PCT/CA12/001071

(22) 20.11.2012

(30) US n° 61/561919 du 20/11/2011

US n° 61/648299 du 17/05/2012

(54) A quality control sensor method, system and device for use with biological/environmental rapid diagnostic test devices.

(72) XIANG Qing.

CHMURA Michael.

FINE, Ian.

GREENLAND, Graham.

ZASTAWNY, Roman.

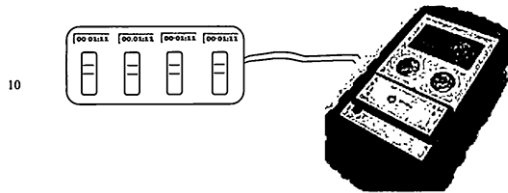
(73) Fio Corporation (CA)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) Quality control (QC) sensor methods, systems and devices are for use with biological/environmental rapid diagnostic test (RDT) devices and provide for automatic timers, reminders and RDT cassette images. Sensors are calibrated and optimized, and provide for quality control of the RDT devices. Image analysis identifies cassette and patient information, and evaluates the processing and conditions of the

RDT devices, cassettes and RDTs. Results may be accessed and analyzed remotely from the RDT devices. RDT chain of custody and workflow, incubation and reading sequences are tracked. A QC score for each unique patient RDT is determined based on QC criteria.

5



15

FIGURE 1

[Consulter le mémoire](#)

(11) **16988**

(51) H02K 25/00 (06.01)

(21) 1201400511 - PCT/IB13/054184

(22) 21.05.2013

(30) US n° 61/688,668 du 18/05/2012

US n° 61/688,669 du 18/05/2012

US n° PCT/US2012/069449 du 13/12/2012

US n° 61/852,304 du 15/03/2013

(54) High efficiency AC DC electric motor, electric power generating system with variable speed, variable power, geometric isolation and high efficiency conducting elements.

(72) HOLCOMB, Robert Ray.

(73) REDEMPTIVE TECHNOLOGIES, LIMITED (VG) and HOLCOMB, Robert Ray (VG)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) A method and apparatus for reducing electromagnetic drag in an electric machine may include a laminated stator having wire slots disposed around the inner periphery spaced into sectors separated by a pole iron support structure. The slots contain induction windings. A series of 5 wound lateral pole irons may be arranged around the inner periphery of the stator, the first ends of which extend into the slots in the sectors. A support structure supports the lateral pole irons by forming a circular opening concentric with the inner periphery of the stator. A rotor may be inserted into the circular opening of the lateral

pole iron support structure and supported at the stator lateral pole iron ends by a support means. A plurality of rotor inserts may contain free-10 wheeling permanent magnet inserts spaced along an outer periphery of the rotor. The rotor may be inserted into the circular opening of the lateral pole iron support structure and the freewheeling permanent magnet inserts may be inserted into cavities along the outer periphery of the rotor.

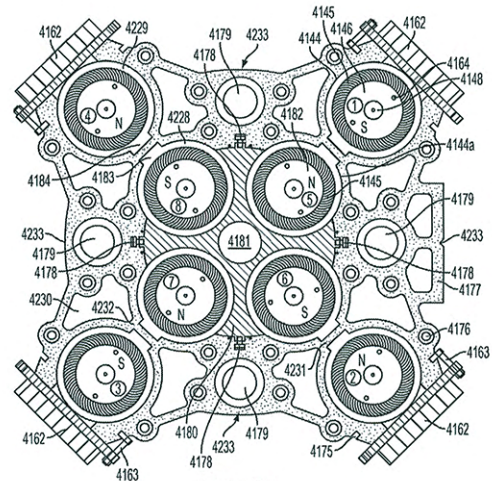


FIG. 25

[Consulter le mémoire](#)

(11) **16989**

(51) F03D 3/00 (06.01)

(21) 1201400222 - PCT/IB12/002492

(22) 26.11.2012

(30) IT n° BG2011A000048 du 25/11/2011

(54) System for energy production from renewable sources.

(72) ANGOLI, Roberto.

PARMA, Paolo.

GHIDESI, Giancarlo.

(73) R.E.M. S.P.A. REVOLUTION ENERGY MAKER (IT)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A system for energy production from renewable sources comprising a support structure comprising a first pole and a second pole which are positioned vertically; a wind generator of vertical axis positioned on said first pole and a wind generator of vertical axis positioned on said

second pole; said first pole and said second pole each comprising a connection element positioned at their summit; said connection element comprising a lower portion to be fixed to said first pole and to said second pole; said connection element comprising an intermediate portion and an upper portion; a first seat for a first cable being positioned between said lower portion and said intermediate portion; a second seat for a second cable being positioned between said intermediate portion and said upper portion; said first cable and said second cable being positioned mutually perpendicular; the ends of said first cable and of said second cable being fixed to the ground by posts fixed into the ground; said first pole and said second pole being each anchored to a post fixed into the ground by means of a hinge; said wind generator having a longitudinal central through hole to enable mounting on said first pole and on said second pole; said wind generator comprising a lower first locking ring for said wind generator, and an upper second locking ring for said wind generator; a respective bearing being associated with said first ring and with said second ring to enable said wind generator to rotate.

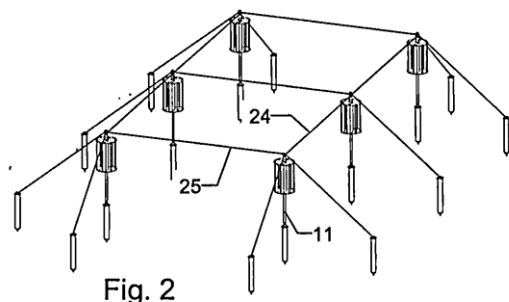


Fig. 2

[Consulter le mémoire](#)

(11) **16990**

(51) B21B 41/10 (06.01)

(21) 1201400223 - PCT/NO12/050229

(22) 21.11.2012

(30) NO n° 20111634 du 25/11/2011

(54) Activation mechanism for the release of a guidepost.

(72) MØGEDAL, Knut.

(73) Aker Subsea AS (NO)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) An activation mechanism to release a guidepost (1) from a seabed structure (not shown) is described. The guidepost (1) includes a tubular main body (1a), an operating means (2) at the upper end of the main body, a locking mechanism (3) at the lower end of the main body to enable attachment to the seabed structure, and an interconnecting device arranged inside the tubular main body (1a), and connecting the operating means (2) to the locking mechanism (3) in order to be able to activate the locking mechanism (3) from the top of the guidepost (1), as required. The operating means (2) includes a rotatable outer sleeve (2a) which is able to transform a rotary motion to either a lifting or lowering motion of the interconnecting device, which in turn either elevates or lowers an activation means (4a) that influences on at least one locking pawl (3a) to be pulled inwards beyond the diametrical dimension (D) of the guidepost (1) in order to release an engagement with a groove or ledge on the seabed structure.

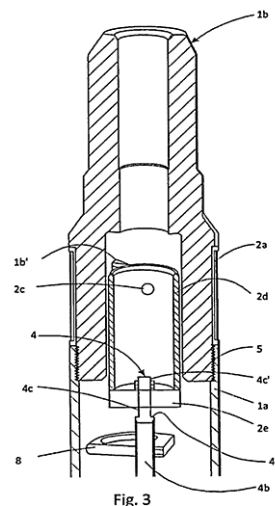


Fig. 3

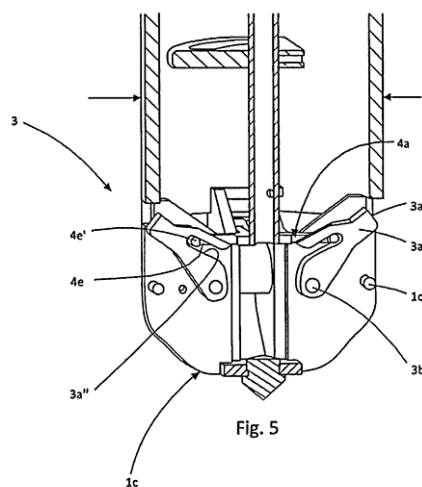


Fig. 5

[Consulter le mémoire](#)



**(11) 16991**

(51) H04L 1/00 (06.01)

(21) 1201400231 - PCT/CN13/074549

(22) 23.04.2013

(30) CN n° 201210126849.4 du 26/04/2012

(54) Microblog information publishing method, server, and storage medium.

(72) ZOU, He.

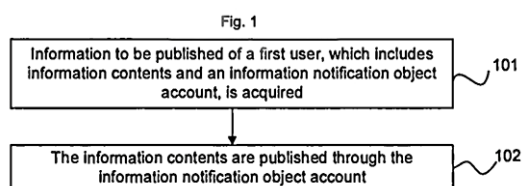
YANG, Guanghui.

CHEN, Dong.

(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor &amp; Fisher Inc. Ngwafor &amp; Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A microblog information publishing method, a server and a storage medium are described, which pertain to the technical field of networks. The method includes: acquiring information to be published of a first user, which includes information contents and an information notification object account; and publishing the information contents through the information notification object account. The server includes an acquiring module and a publishing module. A service for users to publish a message anonymously is provided, namely, the information is published through an anonymous account without displaying the original publisher, so that the privacy of the user is better protected and the microblog service becomes three-dimensional and diversified.

[Consulter le mémoire](#)**(11) 16992**

(51) A61K 39/395; A61P 31/00; C07K 19/00

(21) 1201400243 - PCT/CN12/086296

(22) 10.12.2012

(30) CN n° 201110405775.3 du 08/12/2011

(54) Novel antibiotic preparation method and platform system based on same.

(72) QIU, Xiaoqing.

(73) Protein Design Lab, Ltd. (CN)

(74) Cabinet Spoor &amp; Fisher Inc. Ngwafor &amp; Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Provided are a novel antibiotic preparation method and platform system based on the method, belonging to a novel drug development method. The method is based on a fixed structural formula: F-R, wherein F is an effect area, and R is an identification area. At the prior art level, the present invention can quickly develop a specific novel antibiotic for most pathogenic microorganisms or biological cells. Also provided is a platform for implementing the method, ensuring that the novel antibiotic is developed in an efficient streamlined process.

Figure 1 F — R

[Consulter le mémoire](#)**(11) 16993**

(51) G06F 21/36 (06.01)

(21) 1201400251 - PCT/EP12/075495

(22) 14.12.2012

(30) EP n° 11306681.5 du 15/12/2011

(54) Gesture based generation of a user identifier.

(72) DE BELGEONNE, Rudy.

REIX, Frabrice.

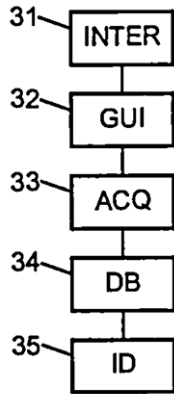
HEGAR, Ashraf Samy.

(73) Orange (FR)

(74) Cabinet Spoor &amp; Fisher Inc. Ngwafor &amp; Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The invention concerns a method for generating an identifier of a user for an application, the method being performed by a device of a user, the method comprising: - intercepting an identification request for an alphanumerical identifier from a first application; - providing a graphical user interface to invite the user to provide a gesture based input; - acquiring a first gesture based input from the user; - using a

database mapping gesture based inputs on alphanumeric identifiers to retrieve a first alphanumeric identifier based on the acquired first gesture based input; - in response to the identification request, providing the retrieved first alphanumeric identifier.



**FIG. 3**

[Consulter le mémoire](#)

(11) **16994**

(51) H05K 3/34 (06.01)

(21) 1201400253 - PCT/US12/069404

(22) 13.12.2012

(30) US n° 61/576,035 du 15/12/2011

US n° 61/589,583 du 23/01/2012

(54) Apparatus and method for stripping solder metals during the recycling of waste electrical and electronic equipment.

(72) CHEN Tianniu.

KORZENSKI, Michael B.

JIANG Ping.

(73) Advanced Technology Materials, Inc. (US)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) Apparatuses and processes for recycling printed wire boards, wherein electronic components, precious metals and base metals may be collected for reuse and recycling. The apparatuses generally include a mechanical solder removal module and/or a thermal module, a chemical solder removal module, and a precious metal leaching module, wherein the modules are attached for continuous passage of the e-waste from module to module.

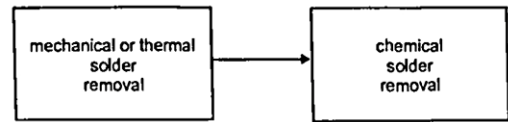


Fig. 1

[Consulter le mémoire](#)

(11) **16995**

(51) G06F 17/30 (06.01)

(21) 1201400258 - PCT/CN12/086616

(22) 14.12.2012

(30) CN n° 201110422780.5 du 16/12/2011

(54) Method and device for processing user generated content.

(72) LIANG, Zhu.

FENG, Xin.

(73) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED (CN)

(74) SCP NICO HALLE & Co. LAW FIRM, B.P. 4876, DOUALA (CM).

(57) Disclosed are a method and a device for processing a user generated content (UGC). The method comprises: receiving a calendar entry establishment request of a user to establish a calendar entry; searching for a UGC matching the calendar entry, and displaying the found UGC; receiving a selection command for the displayed UGC of the user, and associating the UGC selected by the user with the calendar entry; displaying the calendar entry and the information of the UGC associated with the calendar entry. The device correspondingly comprises: a calendar entry creation module, a UGC search module, an association module, and a calendar entry display module.

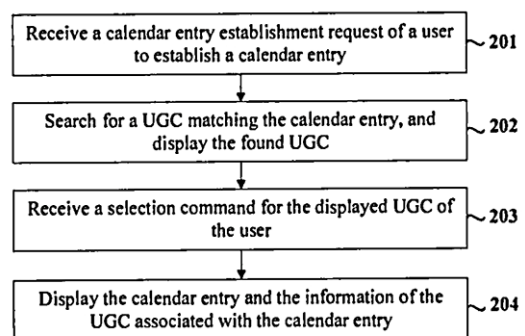


FIG. 2

[Consulter le mémoire](#)

(11) **16996**

(51) H04M 15/00 (06.01)

(21) 1201400271 - PCT/GB12/000921

(22) 24.12.2012

(30) LB n° 9566 du 23/12/2011

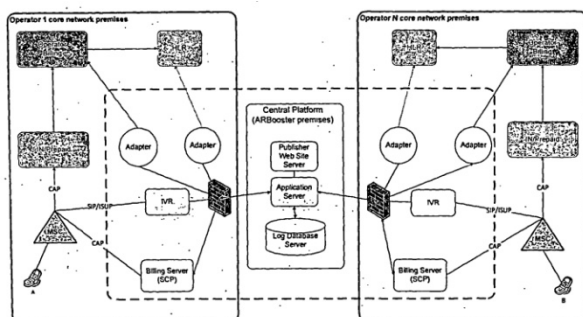
(54) Method and system for selective charging by recipients of in-bound communications in communication networks.

(72) ABOU HAMZEH, Najib.

(73) Arbooster Limited (GB)

(74) Cabinet Spoor &amp; Fisher Inc. Ngwafor &amp; Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The Invention is a new and innovative method, in the field of communications services, for linking several electronic and information components (including a series of communication network elements, servers, databases and software) to enable the implementation of a service for, dynamically and selectively, imposing supplementary call charges on behalf of subscribers to the network; whether for self-employed, competent experts, other categories of content provider, or any individuals or organizations receiving communications. Such supplementary tariffs are levied on those calling telephone numbers dynamically and selectively dedicated for this purpose, providing users with a new way to collect fees for the information they provide to their callers. The method enables the operating party (a VASP) in partnership with the mobile operator to collect these revenues on behalf of, and to share this revenue with the subscriber.



[Consulter le mémoire](#)

(11) **16997**

(51) H02D 13/00 (06.01)

(21) 1201400272 - PCT/CN12/079189

(22) 26.07.2012

(30) CN n° 201110440053.1 du 23/12/2011

(54) Wind turbine generator system and lightning protection device thereof.

(72) HINZ, Uwe.

Huang, Jinpeng.

LI, Qiang.

GE, Junhao.

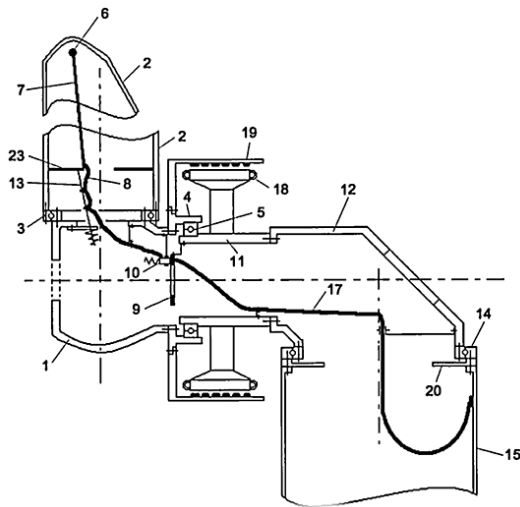
YANG, Wei.

(73) Xinjiang Goldwind Science &amp; Technology Co., Ltd. (CN) and Vensys Energy AG (DE)

(74) Cabinet Spoor &amp; Fisher Inc. Ngwafor &amp; Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A lightning protection device for a wind turbine generator system includes at least a blade arrester (6), a down lead of a blade (7) connected to the blade arrester (6), a lightning-proof element of a pitch bearing, a lightning-proof element of a rotor bearing. The lightning-proof element of the pitch bearing is arranged at the blade root, with one end connected to the down lead of blade (7) and the other end connected to the lightning-proof element of the rotor bearing. The lightning protection device forms a lightning current conducting path passing through a cavity of the pitch bearing, a hollow of a rotor shaft and a cavity of the rotor bearing. A wind turbine generator system having the above mentioned lightning protection device is provided. The inventive lightning protection device and the wind turbine generator system can prevent the lightning current from flowing through the respective bearings in the wind turbine generator system and thereby the wind turbine generator system is protected efficiently. As a result, both the rate of failure and

maintenance cost of the wind turbine generator system are reduced.



[Consulter le mémoire](#)

(11) **16998**

(51) B62M 25/06 (06.01)

(21) 1201400286 - PCT/IN12/000851

(22) 26.12.2012

(30) IN n° 4589/CHE/2011 du 27/12/2011

(54) Gear shift actuator for an internal combustion engine.

(72) RAO, Kandregula Srinivasa.

BABU, Yalamuru Ramachandra.

NAGARAJA, Krishnabhata.

(73) TVS MOTOR COMPANY LIMITED (IN)

(74) FORCHAK IP & LEGAL ADVISORY, 3rd Floor, Viccul Building, Apt. 15-16, Carr Street, Behind Police Barracks, New Town, B.P. 370, LIMBE (CM).

(57) The present subject matter discloses an electrically operated gear shift actuator system for an internal combustion engine for automatic actuation of the gear shifting operation for transmission of power generated by the engine. The actuator system includes a gear shift motor (201), a reduction gear box (202) connected to the said gear shift motor, a power transmission mechanism for transmitting rotational driving force of the said gear shift motor (201) to a shift drum (210), a shift control unit and a shift position detector (407). The present subject matter

removes the need for manual gear shifting and makes the ride easy and less toilsome for the operator of the vehicle.

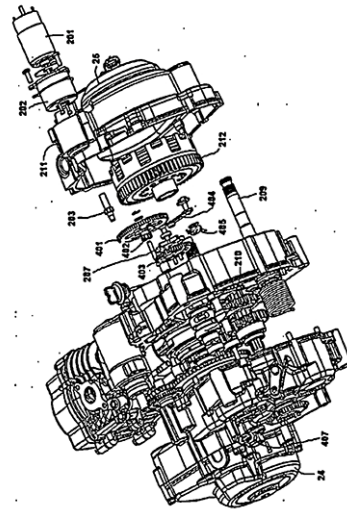


Fig. 10

[Consulter le mémoire](#)

(11) **16999**

(51) G06Q 30/02 (06.01)

(21) 1201400297 - PCT/CN12/086568

(22) 13.12.2012

(30) CN n° 201110447849.X du 28/12/2011

(54) Method and device for publishing promotional contents and computer storage medium.

(72) LING, Guo.

GUO, Yang.

YANG, Ganrong.

ZHAO, Yuan.

FAN, Liangliang.

TANG, Linping.

WENG, Leteng.

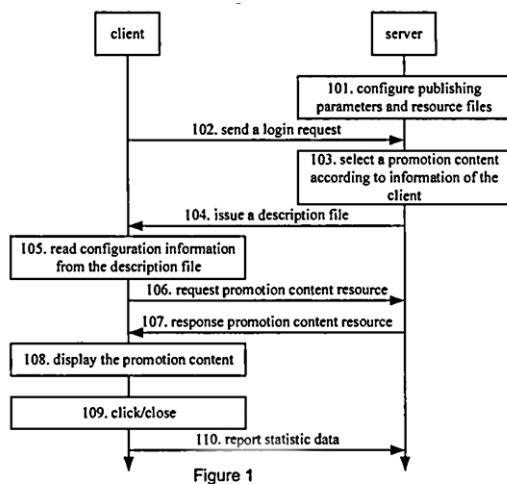
LIANG, Juanjuan.

(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A method and device for publishing promotion contents and computer storage

medium are disclosed. The compatibility of the promotion content publishing method can be enhanced and an accurate delivery of the promotion content can be achieved. In the method, a description file is issued to the client. The client then downloads promotion content suitable for its own operation system platform and device according to the description file. Thus the method can be used in different platforms and devices including iOS, Android, WinCE, S60v3, S60v5 and etc. The server disclosed can identify the platform of the client, the type of the device and the function opened on the client, thus an accurate delivery of promotion content to specific type of client can be achieved.



[Consulter le mémoire](#)

- (11) **17000**  
 (51) H04L 12/00 (06.01)  
 (21) 1201400301 - PCT/CN13/070262  
 (22) 09.01.2013  
 (30) CN n° CN 201210011239.X du 13/01/2012  
 (54) Icon change method and apparatus.  
 (72) WANG, Fei.  
 WEN, Yanjie.  
 WANG, Zhanwei.  
 (73) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED (CN)  
 (74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).  
 (57) Described is an icon change method and apparatus, which belong to the field of computer technologies. The icon change method includes: detecting a user's operation of clicking a preset

button, and acquiring a picture; generating a thumbnail of the picture; and changing an icon of the preset button with the thumbnail. The present method improves the user's service experience.

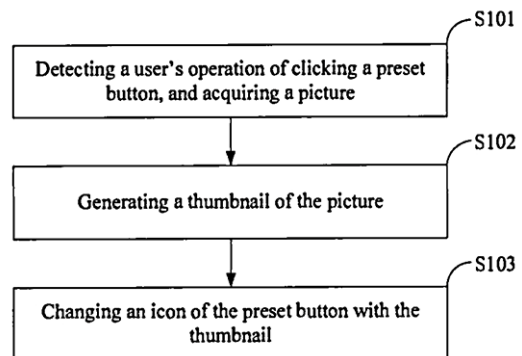


FIG 1

[Consulter le mémoire](#)

- (11) **17001**  
 (51) E01B 9/30 (06.01)  
 (21) 1201400302 - PCT/EP13/050895  
 (22) 18.01.2013  
 (30) DE n° 10 2012 100 440.4 du 19/01/2012  
 (54) Plate element for guiding a rail and method for producing said plate element.  
 (72) HARRASS, Michael.  
 BEDNARCZYK, Adrian.  
 BECKER, Dietmar.  
 LEVERMANN, Ulrich.  
 KRIEG, Nikolaj.  
 (73) Vossloh-Werke GmbH (DE)  
 (74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).  
 (57) The invention relates to a plate element (1-5; 100) for fixing a rail (S) in a rail fixing point. The plate element (1-5;-100) can be manufactured according to the invention in a particularly simple and cost-effective manner under optimal usage conditions such that the plate element (1-5; 100) is made up of at least two parts (1a, 2a, 3a, 4a, 5a; 1b, 2b, 3b, 4b, 5b; 101, 102) which are manufactured spatially separate from one another and connected to one another rigidly. In order to manufacture a plate element (1-5) according to



the invention the parts (1a, 2a, 3a, 4a, 5a; 1b, 2b, 3b, 4b, 5b; 101, 102) are first generated in a first step in spatially separate tools and in a second step are then joined to the plate element (1-5).

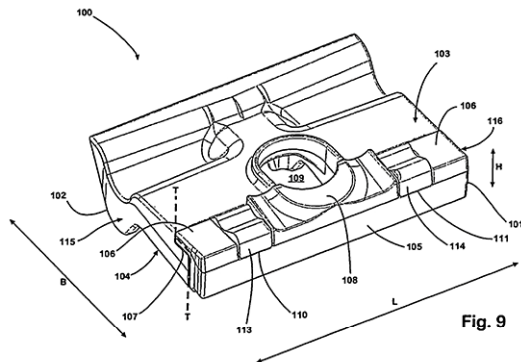


Fig. 9

[Consulter le mémoire](#)

(11) **17002**

(51) F16L 15/04 (06.01)

(21) 1201400303 - PCT/JP13/051363

(22) 17.01.2013

(30) JP n° 2012-008922 du 19/01/2012

(54) Threaded joint for pipes.

(72) SUGINO, Masaaki.

OSHIMA, Masahiro.

UGAI, Shin.

OKADA, Takashi.

SASAKI, Masayoshi.

YAMAGUCHI, Suguru.

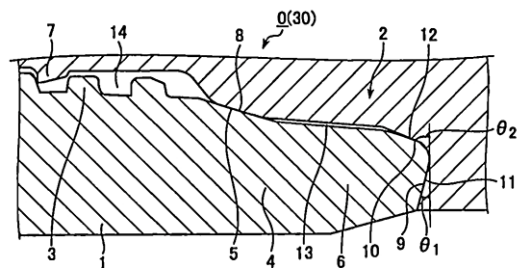
(73) Nippon Steel & Sumitomo Metal Corporation (JP) and Vallourec Oil and Gas France (FR)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A threaded joint for pipes comprises a pin 1 and a box 2 each having a contact surface including a threaded portion 3,7 and an unthreaded metal contact portion. The unthreaded metal contact portion includes a sealing surface 5, 8 and a shoulder surface 9, 10, 11, 12. The shoulder surface of the pin is located on the end

surface of the pin. A non-contacting region 13 in which the pin and the box do not contact each other is present between the sealing surfaces and the shoulder surfaces of the pin and the box. The threaded joint has one or more grooves formed in the shoulder surface of at least one of the pin and the box and extending to the non-contacting region and to the interior of the threaded joint. At least the contact surface of at least one of the pin and the box has a solid lubricating coating exhibiting plastic or viscoplastic rheological behavior formed thereon. The total volume  $V$  (mm<sup>3</sup>) of the grooves and the coating weight  $W$  (g) of the solid lubricating coating satisfy the equation  $V/W = 24$  (mm<sup>3</sup>/g).

FIG. 1C



[Consulter le mémoire](#)

(11) **17003**

(51) A23B 4/06 (06.01)

(21) 1201400307

(22) 23.06.2014

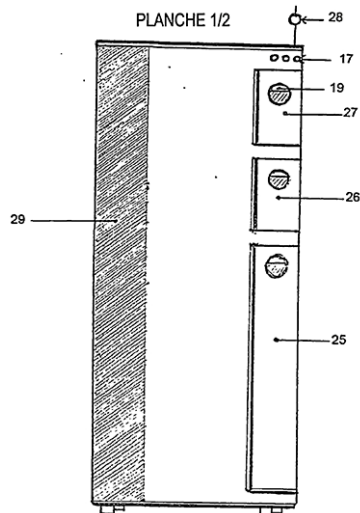
(54) Dispositif de réfrigération, de congélation et de chauffage.

(72) M. BIEU Wokapeu Elie.

(73) M. BIEU Wokapeu Elie, B.P. 82 CIDEX 3, ABIDJAN RIVIERA 3 (CI).

(57) L'invention concerne un dispositif de conservation à trois compartiments dont le premier (25) joue le rôle de réfrigérateur, le deuxième (26) joue le rôle de congélateur et le troisième compartiment (27) joue le rôle de chauffage avec une température supérieure à 60°C. Cette complémentarité des trois méthodes

de conservation réunies, permet d'obtenir un seul appareil prêt à répondre à tous les besoins dans le domaine de la conservation.



[Consulter le mémoire](#)

(11) **17004**

(51) B60C 27/06 (06.01)

(21) 1201400312 - PCT/AU13/000006

(22) 08.01.2013

(30) AU n° 2012900103 du 11/01/2012

(54) Tyre chain and components thereof.

(72) COLES, Rodney Edward.  
COLES, Owen Douglas.

(73) Pro Vide Australia Pty Ltd (AU)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A link member for a tyre chain, comprising a body including a cavity for receiving a portion of a ring element therein, the body also including an opening for inserting the ring element into the cavity, said body further being adapted to receive a retaining member for closing the opening and retaining the ring element in the cavity.

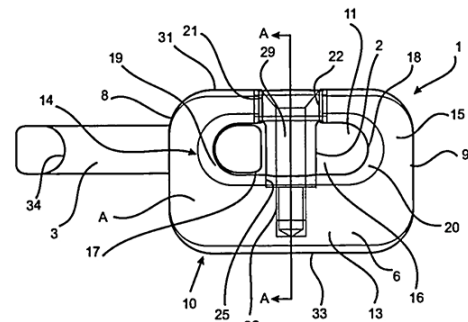


Figure 4

[Consulter le mémoire](#)

(11) **17005**

(51) G06F 3/023 (06.01)

(21) 1201400313 - PCT/CN13/070682

(22) 18.01.2013

(30) CN n° 201210017554.3 du 19/01/2012

(54) Method and system for sharing a hotkey between application instances.

(72) LIU, Huantong.

XIE, Weiwen.

XIE, Xin.

GAO, Shundong.

(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Examples of the present disclosure provide a method and a system for sharing a hotkey between application instances. The method includes receiving a hotkey release message from an application instance that registers a first hotkey, wherein the hotkey release message is to release the first hotkey and includes identification information about the first hotkey; and according to the identification information about the first hotkey, initiating a register request for registering the first hotkey. Employing the examples of the present disclosure, between application instances, when an application instance that currently registers a hotkey exits, the application instance that currently registers the hotkey may notify a next application instance to register the hotkey, so that the transitivity of the hotkey may be ensured, the hotkey may be shared, and the accuracy of hotkey response may be improved.

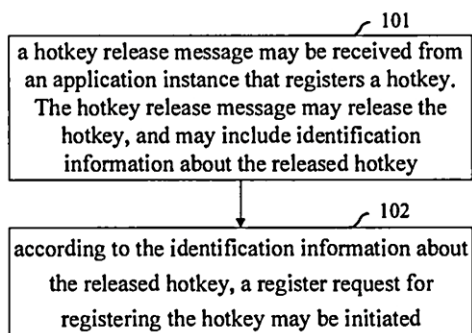


FIG 1

[Consulter le mémoire](#)
(11) **17006**

(51) H02H 1/00 (06.01)

(21) 1201400314

(22) 26.06.2014

(54) Dispositif de sécurité pour lieux à usage d'habitation d'affaires industrielle, commerciale ou financière.

(72) NDAO Ablaye.

(73) NDAO Ablaye, Tabankoye lot n° 24, B.P. 175 Kaolack, DAKAR (SN).

(57) La présente invention concerne un dispositif de sécurité incluant un coffret de commande, dont le rôle est de gérer la chronologie du fonctionnement des différents composants du dispositif, de planifier les tâches, d'analyser et d'interpréter un message. Un autre élément important du dispositif est le détecteur ou robot tech chargé de détecter tous les mouvements qui auront lieu dans la surface protégée. D'autres éléments contribuent à distinguer la présente invention par rapport à d'autres tels qu'une lampe intérieure, une radio, une sirène et un projecteur. Tous les éléments du dispositif de sécurité sont logés dans un coffret en fer de dimensions 25 cm x 30 cm x 20 cm.

[Consulter le mémoire](#)
(11) **17007**

(51) H01R 41/00 (06.01)

(21) 1201400316

(22) 14.07.2014

(30) FR n° 1356957 du 15/07/2013

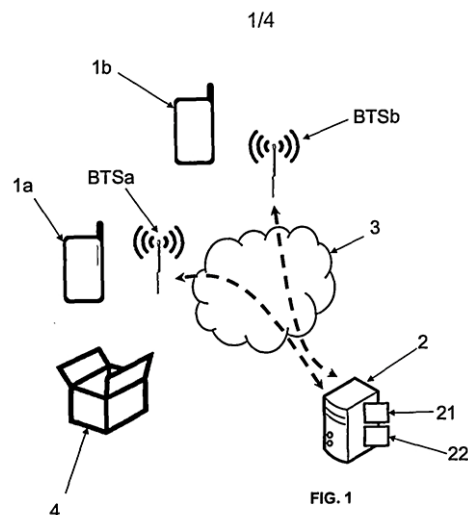
(54) Procédé de collecte de données relatives à la distribution d'un produit.

(72) DE CORDES Nicolas.

(73) ORANGE (FR)

(74) Cabinet CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57) La présente invention concerne un procédé de collecte de données relatives à la distribution d'un produit (4), comprenant la mise en œuvre par un module de traitement de données (21) d'un serveur (2) d'étapes de : (a) réception via un réseau de communication (3) d'au moins un message émis par un terminal mobile (1a, 1b), le message contenant un code comprenant un identifiant dudit produits (4) ; (b) détermination d'un ensemble de données descriptives du message comprenant au moins : des données temporelles relatives au moment d'émission du message par le terminal mobile (1a, 1b) ; des données de localisation relatives au lieu d'émission du message par le terminal mobile (1a, 1b) ; (c) suppression dans ledit ensemble des données descriptives des données permettant l'identification du terminal mobile (1a, 1b) de sorte à les anonymiser ; (d) association dans une base de données structurées stockée dans un module de stockage de données (22) du serveur (2) de l'identifiant du produit (4) avec les données descriptives du message anonymisées.


[Consulter le mémoire](#)
(11) **17008**

(51) B01J 8/18 (06.01)

(21) 1201400325 - PCT/EP12/051333

(22) 27.01.2012

(54) A process for operating a fuel fired reactor.

(72) STEGEMANN, Bertold.

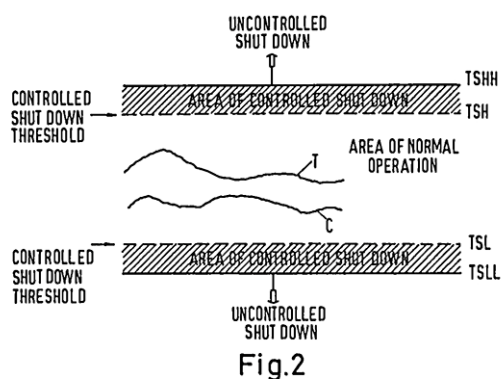


HILTUNEN, Pekka.

(73) Outotec (Finland) Oy (FI)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) In a process for operating a fuel fired reactor fuel is introduced into a reactor and burned therein by means of at least one main burner. The relevant parameters of the process are monitored and the main burner is shut down if one or more of the relevant parameters leave a predetermined critical operating range. Within the predetermined critical operating range for the enforced shut down a secondary, more stringent operating range for the shut down criteria is implemented, and the main burner is shut down if one or more of the relevant parameters leaves the secondary operating range, while at least one pilot burner continues to be operated as long as the relevant parameters are maintained within the critical operating range.



[Consulter le mémoire](#)

(11) **17009**

(51) G01N 21/84 (06.01)

(21) 1201400333 - PCT/RU13/000690

(22) 08.08.2013

(30) RU n° 2012157134 du 27/12/2012

(54) Method of transmitting an optical data signal.

(72) SERGEEV, Sergey Nikolaevich.

(73) SERGEEV, Sergey Nikolaevich (RU)

(74) SCP ATANGA IP, 2nd Floor, Immeuble Tayou Fokou, Douche-Akwa, B.P. 4663, DOUALA (CM).

(57) This invention relates to fiber optic communication engineering and can be used in fiber optic communication systems for creating several independent communication channels.

[Consulter le mémoire](#)

(11) **17010**

(51) E21B 45/00 (06.01)

(21) 1201400334 - PCT/IB13/000763

(22) 17.01.2013

(30) US n° 61/589,445 du 23/01/2012

US n° 13/741,990 du 15/01/2013

(54) High definition drilling rate of penetration for marine drilling.

(72) MARTIN, Trenton.

(73) TRANSOCEAN SEDCO FOREX VENTURES LIMITED (KY)

(74) SCP NICO HALLE & Co. LAW FIRM, B.P. 4876, DOUALA (CM).

(57) Two sensors may be installed on a marine drill to improve measurements used for monitoring and operating the marine drill. The sensors may be installed in a differential configuration with one sensor located on a top block of the marine drill and a second sensor located on a drilling floor of the marine drill. Various calculations may be performed using measurements obtained from the two sensors such as, for example, rate of penetration of the marine drill, drilling level bubble for the marine drill, out-of-straightness values for the marine drill, and vibration motion for the marine drill.

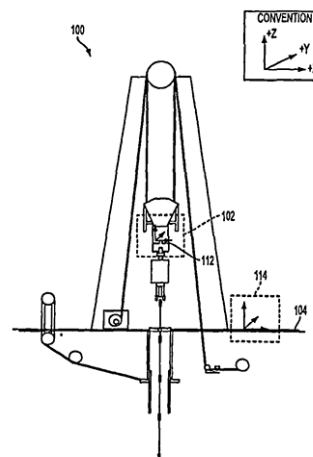


FIG. 1

[Consulter le mémoire](#)

**(11) 17011**

(51) B22D 19/08 (06.01)

(21) 1201400338 - PCT/US13/023541

(22) 29.01.2013

(30) US n° 61/593,091 du 31/01/2012

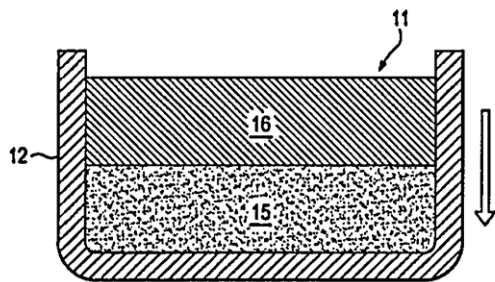
(54) Wear resistant material and system and method of creating a wear resistant material.

(72) BODDAPATI, Srinivasarao.

(73) ESCO CORPORATION (US)

(74) SCP AKKUM, AKKUM &amp; Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) A system and method of forming a wear resistant composite material includes placing a porous wear resistant filler material in a mold cavity and infiltrating the filler material with a matrix material by heating to a temperature sufficient to melt the matrix material, then cooling the assembly to form a wear resistant composite material. The system and method can be used to form the wear resistant composite material on the surface of a substrate, such as a part for excavating equipment or other mechanical part. One suitable matrix material may be any of a variety of ductile iron alloys.

**FIG. 1**[Consulter le mémoire](#)**(11) 17012**

(51) G01N 21/84 (06.01)

(21) 1201400342 - PCT/US13/023839

(22) 30.01.2013

(30) US n° 61/593036 du 31/01/2012

(54) Thermal contrast assay and reader.

(72) BISCHOF John C.

QIN Zhenpeng.

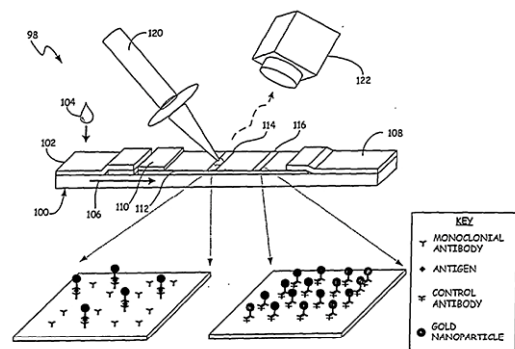
CHAN Warren.

AKKIN Taner.

(73) Regents of The University of Minnesota.

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) Assays used in conjunction with a thermal contrast reader are disclosed. In the assays, the test strip includes materials that can develop a thermal response if a target analyte is present in a sample. The thermal contrast reader includes housing having an opening to receive the test strip at a test location, an energy source directed at the test location and a heat sensor directed at the test location. The heat sensor is configured to sense beating of the test strip upon activation of the heat source at the test location, if the target analyte is present in the sample. The heat sensor can provide sensor output using diagnostic circuitry coupled to the sensor output and configured to provide a diagnostic output. The diagnostic output can indicate the diagnostic condition of the patient as a function of the sensor output. The present disclosure also includes methods of detecting target analytes and kits comprising lateral flow assays and thermal contrast reader.

**FIG. 1**[Consulter le mémoire](#)**(11) 17013**

(51) A01N 43/78

(21) 1201400345 - PCT/US13/022659

(22) 23.01.2013

(30) US n° 61/594,054 du 02/02/2012

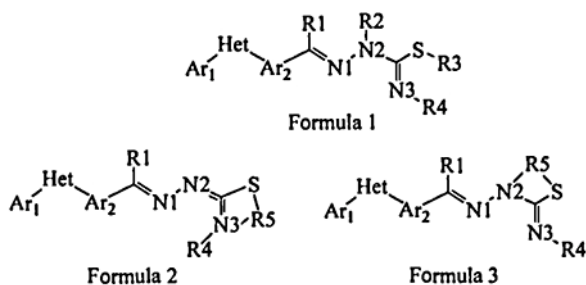
(54) Pesticidal compositions and processes related thereto.

- (72) BAUM, Erich W.  
CROUSE, Gary D.  
DENT, William Hunter.  
SPARKS, Thomas C.  
CREEMER, Lawrence C.

(73) Dow AgroSciences LLC (US)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) This document discloses molecules having the following formulas (formula one & formula two and formula three). The Ar<sub>1</sub>, Het, Ar<sub>2</sub>, R1, R2, R3, R4, and R5 are further described herein.



[Consulter le mémoire](#)

(11) **17014**

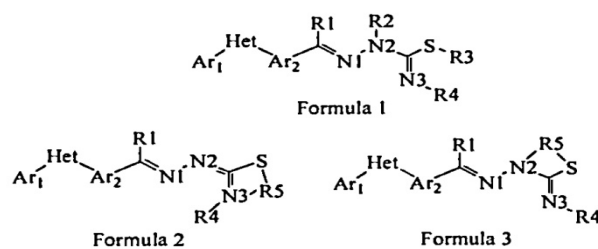
- (51) A01N 43/78  
(21) 1201400346 - PCT/US13/022660  
(22) 23.01.2013  
(30) US n° 61/594,107 du 02/02/2012  
(54) Pesticidal compositions and processes related thereto.  
(72) FISCHER, Lindsey G.  
CROUSE, Gary D.  
SPARKS, Thomas C.  
BAUM, Erich W.

(73) Dow AgroSciences LLC (US)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) This document discloses molecules having the following formulas (formula one & formula two

and formula three). The Ar<sub>1</sub>, Het, Ar<sub>2</sub>, R1, R2, R3, R4, and R5 are further described herein.



[Consulter le mémoire](#)

(11) **17015**

- (51) H04N 7/15 (06.01)  
(21) 1201400347 - PCT/CN13/071190  
(22) 31.01.2013  
(30) CN n° 201210023031.X du 02/02/2012  
(54) Multimedia data transmission method, device and system.  
(72) ZHANG, Ke.  
CHEN, Jiajun.  
(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present disclosure discloses a method, apparatus and system for transmitting multimedia data. After accessing to a multimedia conference room, a client encodes multimedia data to be transmitted, and transmits the encoded multimedia data to a multi-point control unit. The client receives a multimedia data packet sent by the multi-point control unit. The multimedia data packet is obtained by the multi-point control unit via encapsulating multimedia data sent by at least one client in the multimedia conference room. The client decodes the multimedia data packet, and displays the composed multimedia data.

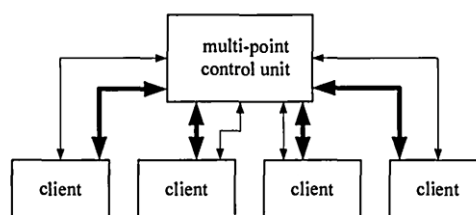


Fig. 3

[Consulter le mémoire](#)

**B**  
**REPERTOIRE SUIVANT LA C.I.B.**

<b>(11)</b>	<b>(51)</b>
17013	A01N 43/78
17014	A01N 43/78
17003	A23B 4/06 (06.01)
16970	A61F 6/18
16992	A61K 39/395
17008	B01J 8/18 (06.01)
16990	B21B 41/10 (06.01)
17011	B22D 19/08 (06.01)
17004	B60C 27/06 (06.01)
16998	B62M 25/06 (06.01)
16966	C22B 1/04
17001	E01B 9/30 (06.01)
16967	E03B 11/16 (06.01)
16968	E03B 11/16 (06.01)
16972	E21B 17/00 (06.01)
16986	E21B 17/01 (06.01)
16979	E21B 33/13 (06.01)
17010	E21B 45/00 (06.01)
16989	F03D 3/00 (06.01)
16982	F16L 15/04 (06.01)
17002	F16L 15/04 (06.01)

<b>(11)</b>	<b>(51)</b>
16981	F27B 3/24 (06.01)
16974	G01C 21/32 (06.01)
17009	G01N 21/84 (06.01)
17012	G01N 21/84 (06.01)
16971	G01N 33/28 (06.01)
16969	G01V 1/135 (06.01)
16978	G06F 17/30 (06.01)
16995	G06F 17/30 (06.01)
16993	G06F 21/36 (06.01)
17005	G06F 3/023 (06.01)
16983	G06F 3/048 (06.01)
16999	G06Q 30/02 (06.01)
16985	G07C 3/14 (06.01)
16987	G07C 3/14 (06.01)
17007	H01R 41/00 (06.01)
16997	H02D 13/00 (06.01)
17006	H02H 1/00 (06.01)
16988	H02K 25/00 (06.01)
16991	H04L 1/00 (06.01)
17000	H04L 12/00 (06.01)
16976	H04L 12/58 (06.01)

<b>(11)</b>	<b>(51)</b>
16980	H04L 12/58 (06.01)
16975	H04L 29/08 (06.01)
16996	H04M 15/00 (06.01)
17015	H04N 7/15 (06.01)
16973	H04W 04/02 (06.01)
16984	H04W 4/12 (06.01)
16977	H04W 4/14 (06.01)
16994	H05K 3/34 (06.01)



**C**  
**REPertoire DES NOMS**

<b>Advanced Technology Materials, Inc.</b>
(11) 16994 (51) H05K 3/34 (06.01)
<b>Aker Subsea AS</b>
(11) 16990 (51) B21B 41/10 (06.01)
<b>Anadarko Petroleum Corporation</b>
(11) 16967 (51) E03B 11/16 (06.01)
(11) 16968 (51) E03B 11/16 (06.01)
<b>Arbooster Limited</b>
(11) 16996 (51) H04M 15/00 (06.01)
<b>BHARAT PETROLEUM CORPORATION LIMITED</b>
(11) 16971 (51) G01N 33/28 (06.01)
<b>BIEU Wokapeu Elie ( M.)</b>
(11) 17003 (51) A23B 4/06 (06.01)
<b>Dow AgroSciences LLC</b>
(11) 17013 (51) A01N 43/78
(11) 17014 (51) A01N 43/78
<b>ENI S.P.A.</b>
(11) 16969 (51) G01V 1/135 (06.01)
<b>Eni S.p.A.</b>
(11) 16972 (51) E21B 17/00 (06.01)
<b>ESCO CORPORATION</b>
(11) 17011 (51) B22D 19/08 (06.01)
<b>Fio Corporation</b>
(11) 16985 (51) G07C 3/14 (06.01)
(11) 16987 (51) G07C 3/14 (06.01)
<b>HOLCOMB, Robert Ray and REDEMPTIVE TECHNOLOGIES, LIMITED</b>
(11) 16988 (51) H02K 25/00 (06.01)
<b>Medicines360</b>
(11) 16970 (51) A61F 6/18
<b>NDAO Ablaye</b>
(11) 17006 (51) H02H 1/00 (06.01)
<b>Nippon Steel &amp; Sumitomo Metal Corporation and Vallourec Oil and Gas France</b>
(11) 16982 (51) F16L 15/04 (06.01)
(11) 17002 (51) F16L 15/04 (06.01)
<b>Orange</b>
(11) 16993 (51) G06F 21/36 (06.01)
(11) 17007 (51) H01R 41/00 (06.01)

<b>Outotec (Finland) Oy</b>
(11) 17008 (51) B01J 8/18 (06.01)
<b>Outotec OYJ</b>
(11) 16981 (51) F27B 3/24 (06.01)
<b>PRAD Research and Development Limited</b>
(11) 16979 (51) E21B 33/13 (06.01)
<b>Pro Vide Australia Pty Ltd</b>
(11) 17004 (51) B60C 27/06 (06.01)
<b>Protein Design Lab, Ltd.</b>
(11) 16992 (51) A61K 39/395
<b>Regents of The University of Minnesota</b>
(11) 17012 (51) G01N 21/84 (06.01)
<b>R.E.M. S.P.A. REVOLUTION ENERGY MAKER</b>
(11) 16989 (51) F03D 3/00 (06.01)
<b>SAIPEM S.A.</b>
(11) 16986 (51) E21B 17/01 (06.01)
<b>SERGEEV, Sergey Nikolaevich</b>
(11) 17009 (51) G01N 21/84 (06.01)
<b>SIM DYNAMIX IP (PTY) LTD</b>
(11) 16977 (51) H04W 4/14 (06.01)
<b>Stichting Mapcode Foundation</b>
(11) 16974 (51) G01C 21/32 (06.01)
<b>TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED</b>
(11) 16976 (51) H04L 12/58 (06.01)
(11) 16995 (51) G06F 17/30 (06.01)
(11) 17000 (51) H04L 12/00 (06.01)
<b>Tencent Technology (Shenzhen) Company Limited</b>
(11) 16973 (51) H04W 04/02 (06.01)
(11) 16975 (51) H04L 29/08 (06.01)
(11) 16978 (51) G06F 17/30 (06.01)
(11) 16980 (51) H04L 12/58 (06.01)
(11) 16983 (51) G06F 3/048 (06.01)
(11) 16984 (51) H04W 4/12 (06.01)
(11) 16991 (51) H04L 1/00 (06.01)
(11) 16999 (51) G06Q 30/02 (06.01)
(11) 17005 (51) G06F 3/023 (06.01)
(11) 17015 (51) H04N 7/15 (06.01)

<b>TRANSOCEAN SEDCO FOREX VENTURES LIMITED</b>
(11) 17010 (51) E21B 45/00 (06.01)
<b>TVS MOTOR COMPANY LIMITED</b>
(11) 16998 (51) B62M 25/06 (06.01)
<b>VALE S.A.</b>
(11) 16966 (51) C22B 1/04
<b>Vossloh-Werke GmbH</b>
(11) 17001 (51) E01B 9/30 (06.01)
<b>Xinjiang Goldwind Science &amp; Technology Co., Ltd. and Vensys Energy AG</b>
(11) 16997 (51) H02D 13/00 (06.01)