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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

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Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (**www.wipo.int/scit/en/standards/standards.htm**).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (**www.wipo.int/scit/fr/standards/standards.htm**).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (**www.strategis.ic.gc.ca/patentsorder**) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (**www.strategis.ic.gc.ca/brevetscommande**) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act.* Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,638,979

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,638,979

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1792***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee **$800**
(Rule 58)

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire **800 $**
(Règle 58)

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé ᴹᶜ* et *Xpresspostᴹᶜ* de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandéᴹᶜ* et *Xpresspostᴹᶜ* de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandéᴹᶜ* et *Xpresspostᴹᶜ* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of June 6, 2017 contains applications open to public inspection from May 21, 2017 to May 27, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 6 juin 2017 contient les demandes disponibles au public pour consultation pour la période du 21 mai 2017 au 27 mai 2017.

17. Erratum

The information concerning application number 2,966,438 referred to under the section *PCT Applications Entering the National Phase* of the *Canadian Patent Office Record* of May 30, 2017 was incorrect. Please note that no application is open to public inspection under this number.

17. Erratum

Les renseignements concernant la demande 2,966,438 sous la rubrique *Demandes PCT entrant en phase nationale* de la *Gazette du Bureau des brevets* du 30 mai 2017 sont inexactes. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

June 6, 2017

Brevets canadiens délivrés

6 juin 2017

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[51] **Int.Cl. A61K 38/17 (2006.01) A01N 63/00 (2006.01) A61K 38/22 (2006.01) C07H 21/04 (2006.01) C07K 14/64 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **METHODS OF MODULATING APOPTOSIS BY ADMINISTRATION OF RELAXIN AGONISTS OR ANTAGONISTS**
[54] **METHODES DE MODULATION DE L'APOPTOSE PAR L'ADMINISTRATION D'AGONISTES OU D'ANTAGONISTES DE RELAXINE**
[72] AMENTO, EDWARD P., US
[72] SAMUEL, CHRISHAN S., AU
[73] MOLECULAR MEDICINE RESEARCH INSTITUTE, US
[85] 2003-04-08
[86] 2001-10-04 (PCT/US2001/042484)
[87] (WO2002/028418)
[30] US (60/238,232) 2000-10-04
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[25] EN
[54] **SCREW HEAD FORMATION**
[54] **FORMAGE DE TETE DE VIS**
[72] BROOKS, LAWRENCE ANTONY, GB
[73] CONSOLIDATED FASTENERS, LLC, US
[85] 2004-03-10
[86] 2002-09-10 (PCT/GB2002/004088)
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[30] GB (0122244.7) 2001-09-17
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[51] **Int.Cl. G06Q 40/00 (2012.01) G06F 17/21 (2006.01)**
[25] EN
[54] **PAYROLL PROCESSOR SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE TRAITEMENT DE LA PAIE**
[72] COHEN, NEAL M., US
[72] WATSON, LEWIS RANDOLPH IV, US
[72] HUGHES, JOHNATHAN MARK, US
[72] WALTERS, MATHEW LEE, US
[73] AUTOMATIC DATA PROCESSING, INC., US
[86] (2488477)
[87] (2488477)
[22] 2004-11-26
[30] US (10/982,550) 2004-11-05

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[13] C
[51] **Int.Cl. G01D 1/00 (2006.01) G01N 21/25 (2006.01) G01N 33/04 (2006.01) G01N 37/00 (2006.01) A01J 5/013 (2006.01)**
[25] EN
[54] **A SYSTEM AND A METHOD FOR OBSERVING AND PREDICTING PHYSIOLOGICAL STATE OF AN ANIMAL**
[54] **SYSTEME ET METHODE D'OBSERVATION ET DE PREDICTION D'UN ETAT PHYSIOLOGIQUE D'UN ANIMAL**
[72] FRIGGENS, NIC C., DK
[72] INGVARTSEN, KAUS LOENNE, DK
[72] KORSGAARD, INGE RIIS, DK
[72] LARSEN, TORBEN, DK
[72] LOEVENDAHL, PETER, DK
[72] RIDDER, CARSTEN, DK
[72] NIELSEN, NICOLAI INGEMANN, DK
[73] LATTEC I/S, DK
[85] 2005-02-14
[86] 2003-08-08 (PCT/DK2003/000531)
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[30] DK (PA 2002 01217) 2002-08-16
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[13] C
[51] **Int.Cl. G01N 33/574 (2006.01)**
[25] EN
[54] **METHOD FOR PREDICTING THE RESPONSE TO HER2-DIRECTED THERAPY**
[54] **PROCEDE DE PREDICTION DE REACTION A LA THERAPIE DIRIGEE CONTRE LE HER2**
[72] BACUS, SARAH S., US
[72] SMITH, BRADLEY L., US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[73] CELL SIGNALING TECHNOLOGY, INC., US
[85] 2005-06-10
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[51] **Int.Cl. C07C 53/134 (2006.01) A61K 51/04 (2006.01) C07B 59/00 (2006.01)**
[25] EN
[54] **METHOD FOR MONITORING BLOOD FLOW AND METABOLIC UPTAKE IN TISSUE WITH RADIOLABELED ALKANOIC ACID**
[54] **METHODE DE SURVEILLANCE DE LA CIRCULATION SANGUINE ET DE L'ASSIMILATION METABOLIQUE DANS LES TISSUS AVEC ACIDE ALCANOIQUE RADIOMARQUE**
[72] ELMALEH, DAVID R., US
[72] FISCHMAN, ALAN J., US
[72] SHOUP, TIMOTHY M., US
[73] THE GENERAL HOSPITAL CORPORATION, US
[85] 2005-10-17
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[51] **Int.Cl. C12N 15/63 (2006.01) A61K 38/47 (2006.01) A61P 43/00 (2006.01) C12N 1/21 (2006.01) C12N 9/24 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **PRODUCTION OF HIGH MANNOSE PROTEINS IN PLANT CULTURE**
[54] **PRODUCTION DE PROTEINES RICHES EN MANNOSE DANS LA CULTURE VEGETALE**
[72] SHAALTIEL, YOSEPH, IL
[72] BAUM, GIDEON, IL
[72] BARTFELD, DANIEL, IL
[72] HASHMUELI, SHARON, IL
[72] LEWKOWICZ, AYALA, IL
[73] PROTALIX LTD., IL
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[13] C
[51] **Int.Cl. H04B 1/40 (2015.01) H04B 17/13 (2015.01) H04B 1/30 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR CANCELLING THE TRANSMITTED SIGNAL**
[54] **PROCEDE ET APPAREIL D'ANNULATION D'UN MESSAGE TRANSMIS**
[72] SANDERS, STUART B., US
[72] TIMMONS, RICHARD, US
[73] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2006-09-15
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[54] **NEURAL STEM CELLS**
[54] **CELLULES SOUCHES NEURONALES**
[72] CONTI, LUCIANO, IT
[72] POLLARD, STEVEN MICHAEL, GB
[72] SMITH, AUSTIN GERARD, GB
[73] THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH, GB
[85] 2006-12-08
[86] 2005-06-09 (PCT/GB2005/002289)
[87] (WO2005/121318)
[30] GB (0412887.2) 2004-06-09
[30] GB (0503044.0) 2005-02-14
[30] GB (0505510.8) 2005-03-17

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[51] **Int.Cl. H01L 33/58 (2010.01) H01L 33/02 (2010.01) H01L 33/56 (2010.01)**
[25] EN
[54] **TUNABLE PHOTONIC CRYSTAL**
[54] **CRISTAL PHOTONIQUE REGLABLE**
[72] PUSCASU, IRINA, US
[72] PRALLE, MARTIN U., US
[72] DALY, JAMES T., US
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[72] CAMPBELL, JAMES ALEXANDER, AU
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[54] **MASTICS OSTEO-INDUCTEURS ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[54] **NOUVEAUX DERIVES DE 1-BENZYL-3-HYDROXYMETHYLINDAZOLE ET LEUR UTILISATION DANS LE TRAITEMENT DES MALADIES BASEES SUR L'EXPRESSION DE MCP-1, CX3CR1 ET P40**
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[72] FURLOTTI, GUIDO, IT
[72] MANGANO, GIORGINA, IT
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[54] **CASSETTE DE POMPE ET PROCEDES D'UTILISATION DANS UN SYSTEME DE TRAITEMENT MEDICAL UTILISANT PLUSIEURS CONDUITS DE FLUIDE**
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[54] **APPLICATEUR D'OZONE ET PROCEDE D'OXYDATION DE POLYMERES**
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[72] HORVATH, TIBOR, CA
[72] WEAGLE, GLENN, CA
[72] COOKE, JEFF, CA
[73] IPAC CHEMICALS LTD., CA
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[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE MESURE DE COMPOSITION D'UN MELANGE AYANT UN GAZ ENTRAINE**
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[72] CHEN, WEIHSU, US
[72] TONEY, KENYA, US
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[72] GRAHAM, CHARLES T., US
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[54] **SURVEILLANCE SANS MARQUEUR D'UN COUPLAGE EXCITATION-CONTRACTION ET CELLULES POUVANT ETRE EXCITEES UTILISANT DES SYSTEMES FONDES SUR L'IMPEDANCE AVEC UNE RESOLUTION DANS LE TEMPS DE L'ORDRE DE LA MILLISECONDE**
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[72] XI, BIAO, US
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[54] **DISPOSITIF DE ROULAGE A PLAT POUR VEHICULE AUTOMOBILE, ENSEMBLE MONTE L'INCORPORANT ET SON PROCEDE DE FABRICATION ET D'ASSEMBLAGE**
[72] MARSALY, OLIVIER, FR
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[54] **PROCEDES ET APPAREIL POUR AMELIORER UN DEBIT DE DONNEES EN BORD DE CELLULE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
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[54] **SYSTEME DE FOURNITURE DE MATERIAU D'ENREGISTREMENT, CARTE DE CIRCUIT IMPRIME, STRUCTURE, ET CARTOUCHE D'ENCRE POUR DISPOSITIF DE CONSOMMATION DE MATERIAU D'ENREGISTREMENT**
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[54] **COMPOSITIONS DE POLYESTER EN PHASE FONDUE AYANT UNE STABILITE THERMO-OXYDANTE AMELIOREE, ET PROCEDES ASSOCIES DE FABRICATION ET D'UTILISATION**
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[54] **PRODUIT DE FERMENTATION CONTENANT UN MICRO-ORGANISME PRODUCTEUR D'EQUOL AYANT UNE CAPACITE CONSTANTE A PRODUIRE DE L'EQUOL, ET SON PROCEDE DE PRODUCTION**
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[72] UENO, TOMOMI, JP
[72] ENDO, RIEKO, JP
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[54] **PROCEDE DE PREPARATION DE LA ROTIGOTINE**
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[72] VOLLENWEIDER, LAURA, US
[72] SILVARY, SUNIL, US
[72] MURPHY, JOHN L., US
[72] XU, FANGMIN, US
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[72] BARBULOVIC-NAD, IRENA, CA
[72] YANG, HAO, CA
[72] ABDELGAWAD, MOHAMED, CA
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[54] **SYSTEME D'ACCES A ORIFICE UNIQUE**
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[72] FEX, TOMAS, SE
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[72] SEEPERSAUD, MOHINDRA, US
[72] SIMIC, OLIVER, CH
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[73] GLAXO GROUP LIMITED, GB
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[54] **SYSTEME ET PROCEDE DE REDUCTION DES ERREURS DE SYNCHRONISATION DUES A L'ETIREMENT D'UNE FIBRE DANS DES SYSTEMES TERAHERTZ DANS LE DOMAINE TEMPOREL A LIAISON PAR FIBRE OPTIQUE**
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[72] HINDSTROEM, SAMI, FI
[72] VIRTANEN, MARKKU, FI
[72] SALOHEIMO, KARI, FI
[73] OUTOTEC OYJ, FI
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[72] YU, YI, US
[72] WOMACK, JAMES EARL, US
[72] SONG, YI, US
[72] BONTU, CHANDRA S., CA
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[72] FONG, MO-HAN, CA
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[73] BLACKBERRY LIMITED, CA
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[72] WILLIAMSON, JAMES SCOTT, US
[72] WILLIAMSON, JACK RYAN, US
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[73] MELLANOX TECHNOLOGIES SILICON PHOTONICS INC., US
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[73] BLACKBERRY LIMITED, CA
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[73] BASF SE, DE
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[72] TAKAHASHI, HARUKA, JP
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[72] ELDER, AMY, US
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[72] SPURR, STEVEN M. J., US
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[54] **PROCEDE DE MODELISATION TRIDIMENSIONNELLE BASEE SUR LA COMBINAISON D'IMAGES BASEES AU SOL ET D'IMAGES PRISES D'EN HAUT**
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[54] **UTILISATION DE COMPOSES DE VANADIUM POUR ACCELERER LA GUERISON OSSEUSE**
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[72] PAGLIA, DAVID NAISBY, US
[72] O'CONNOR, JOHN PATRICK, US
[72] BREITBART, ERIC, US
[72] BENEVENIA, JOSEPH, US
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[54] **POLYMERES DE METH(ACRYLATE) POUR L'AMELIORATION DE L'INDICE DE VISCOSITE**
[72] KOSCHABEK, RENE, DE
[72] KUENZEL, SANDRA, DE
[72] WEBER, MARKUS, DE
[72] BARTELS, THORSTEN, DE
[72] WINCIERZ, CHRISTOPH, DE
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[54] **PROCEDE POUR L'INDICATION D'UN PORT D'ANTENNE DM-RS DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] KIM, YOUN SUN, KR
[72] HAN, JIN KYU, KR
[72] KIM, SUNG TAE, KR
[72] YEON, MYUNG HOON, KR
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[54] **BARRE DE VERROUILLAGE DE CONNECTEUR DE PRISE ELECTRIQUE**
[72] HERBRECHTSMEIER, HEIKO, DE
[72] SUNDERMEIER, UWE, DE
[72] DEGNER, GERO, DE
[73] HARTING ELECTRIC GMBH & CO. KG, DE
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[54] **COMPOSES PERMETTANT DE REPRIMER UN TROUBLE NERVEUX PERIPHERIQUE INDUIT PAR UN AGENT ANTICANCEREUX**
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[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **TRAINING DEVICE FOR RUGBY PLAYERS**
[54] **DISPOSITIF D'ENTRAINEMENT POUR DES JOUEURS DE RUGBY**
[72] COUVET, SERGE, FR
[72] RETIERES, DIDIER, FR
[72] VIDAL, PIERRE PAUL, FR
[72] PISCIONE, JULIEN, FR
[73] THALES, FR
[73] FEDERATION FRANCAISE DE RUGBY, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **SYSTEME DESTINE A GUIDER UN AERONEF VERS UN POINT DE REFERENCE DANS DES CONDITIONS DE FAIBLE VISIBILITE**
[72] NAUMAN, RON, IL
[72] EFRAT, ILAN, IL
[72] HARTUV, ROEE, IL
[72] HALIFA, EYAL, IL
[72] KLEIN, OFER, IL
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[54] **RECIPIENT POUR COMBUSTIBLE ET METHODES**
[72] OUDERKIRK, BRAD C., US
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[54] **REACTEUR A ECOULEMENT RADIAL**
[72] ACKLEY, MARK WILLIAM, US
[72] CELIK, CEM E., US
[72] NOWOBILSKI, JEFFERT JOHN, US
[72] SCHNEIDER, JAMES STANLEY, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[54] **KEYBOARDS AND METHOD OF MANUFACTURING SAME**
[54] **CLAVIERS ET LEUR METHODE DE FABRICATION**
[72] MASSER, PAUL, CA
[73] BLACKBERRY LIMITED, CA
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[54] **LEURRE DE PECHE DOTE D'UN DISPOSITIF DE PRODUCTION DE SON DE PLUS BASSE FREQUENCE A COMMANDE MECANIQUE**
[72] GOOSEY, LARRY D., US
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[54] **METHOD FOR WASTEWATER TREATMENT FOR WASTEWATER CONTAINING ALUMINIUM, MAGNESIUM, AND MANGANESE**
[54] **PROCEDE DE TRAITEMENT DES EAUX USEES DESTINE A DES EAUX USEES CONTENANT DE L'ALUMINIUM, DU MAGNESIUM ET DU MANGANESE**
[72] KOBAYASHI, HIROSHI, JP
[72] HIGAKI, TATSUYA, JP
[72] SHOJI, HIROFUMI, JP
[72] TOKI, NORIHISA, JP
[72] KUDO, KEIJI, JP
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[54] **SYSTEM FOR PURIFYING CERTAIN CELL POPULATIONS IN BLOOD OR BONE MARROW BY DEPLETING OTHERS**
[54] **SYSTEME PERMETTANT DE PURIFIER CERTAINES POPULATIONS CELLULAIRES DANS LE SANG OU LA MOELLE OSSEUSE PAR DEPLETION D'AUTRES POPULATIONS CELLULAIRES**
[72] COELHO, PHILIP H., US
[73] SYNGEN, INC., US
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[54] **METHOD FOR ENSURING AND MONITORING ELECTROLYZER SAFETY AND PERFORMANCES**
[54] **PROCEDE POUR GARANTIR ET SURVEILLER LA SECURITE ET LES PERFORMANCES D'UN ELECTROLYSEUR**
[72] TREMBLAY, GILLES J., CA
[72] LADEMANN, HELMUT, DE
[72] SIMARD, GEORGES, CA
[72] VEILLETTE, MICHEL, CA
[72] BERRIAH, SAID, CA
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[54] **PROCEDE ET INSTALLATION DE MISE SOUS TENSION D'UN CABLE**
[72] LAURENT, JEAN-CLAUDE, FR
[72] LEFORT, MATHIEU, FR
[72] LUCAS, GREGORY, FR
[73] POMAGALSKI, FR
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[54] **SEPARATING TARGET ANALYTES USING ALTERNATING MAGNETIC FIELDS**
[54] **SEPARATION DE SUBSTANCES A ANALYSER CIBLES A L'AIDE DE CHAMPS MAGNETIQUES ALTERNATIFS**
[72] DRYGA, SERGEY A., US
[72] ESCH, VICTOR C., US
[72] SAUL, RICHARD G., US
[72] MCDOWELL, ANDREW F., US
[73] DNAE GROUP HOLDINGS LIMITED, GB
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[73] HERRON INTELLECTUAL PROPERTY HOLDINGS, L.L.C., US
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[72] HEALY, JASON, US
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[54] **MOTEUR LEGER A THERMOSIPHON ET LUMINAIRE INTEGRANT LEDIT MOTEUR**
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[72] MONTANA, SHAUN P., US
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[72] RAN, YULIANG, CN
[73] SHANGHAI HAIKANG PHARMACEUTICAL TECH. & DEVE. CO., LTD., CN
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[72] GUTIERREZ, MIGUEL OSVALDO, US
[73] SAFETY MAKER, INC., US
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[72] MANDL, JEFFREY ANTON, CA
[72] MERSLACK, CLINTON BRADELY, CA
[73] ADAPT-EZE SAFETY PRODUCTS LTD., CA
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[54] **ENSEMBLE D'AIGUILLE DE SECURITE**
[72] RUAN, TIEMING, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **BRANCHEMENT ELECTRIQUE POUR RELIER UN THERMOCOUPLE A L'ENSEMBLE AIMANT D'UN ROBINET DE SECURITE D'ALIMENTATION EN GAZ**
[72] BETTINZOLI, ANGELO, IT
[73] SABAF S.P.A., IT
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[54] **CAPTEUR DE COURSE ELECTRONIQUE POUR FREIN A DISQUE PNEUMATIQUE**
[72] WALLACE, THOMAS EDWARD, US
[72] RINK, RICHARD J., US
[72] CHANDLER, MARK DAVID, US
[72] SINGLETARY, GLENN, US
[72] OSTER, WAYNE, US
[72] LEPARD, STEVE, US
[72] PRAGER, CHRISTOPHER, US
[73] INDIAN HEAD INDUSTRIES, INC., US
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[54] **PIECES BIOMEDICALES AVEC FIBRES ALIGNEES**
[72] MACEWAN, MATTHEW R., US
[72] XIE, JINGWEI, US
[72] RAY, ZACK, US
[72] XIA, YOUNAN, US
[73] WASHINGTON UNIVERSITY, US
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[54] **PILE ELECTROCHIMIQUE AVEC ANODE A COMBUSTIBLE ECHELONNEE DECALEE**
[72] KRISHNAN, RAMKUMAR, US
[72] FRIESEN, GRANT, US
[72] FRIESEN, CODY A., US
[73] FLUIDIC, INC., US
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[54] **COMMUNICATION D'UNE IDENTITE A UN SERVEUR**
[72] SUFFLING, DAVID R., CA
[73] BLACKBERRY LIMITED, CA
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[54] **SOUPAPE DE COMMANDE**
[72] KOSMEHL, RALF, DE
[72] KLAUE, UWE, DE
[73] PROTEGO (USA), INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR FAULT IDENTIFICATION USING PRE-EQUALIZATION COEFFICIENTS**
[54] **PROCEDE ET SYSTEME DE DETERMINATION DES DEFECTUOSITES AU MOYEN DE COEFFICIENTS DE PRE-EGALISATION**
[72] LIU, JIANMING, CA
[72] MA, JUN, CA
[72] SHI, LIXIN, CA
[72] FENG, JIANGUO, CA
[73] ROGERS COMMUNICATIONS INC., CA
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[54] **MODES D'ENRICHISSEMENT POUR LA DIFFUSION EN FLUX CONTINU SUR LE RESEAU DE DONNEES VIDEO CODEES**
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[72] WATSON, MARK, US
[73] QUALCOMM INCORPORATED, US
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[73] THE BOEING COMPANY, US
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[54] **TUBES COMPOSITES POUR UN SYSTEME DE TRANSPORT DE FLUIDE**
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[72] MINTEER, DAVID WILLIAM, US
[72] AXTELL, JOHN THOMAS, US
[72] JOHNSON, BENJAMIN A., US
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[72] MURDOCK, JAROD, US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[54] **SERVICE DATA FLOW DETECTION IN A CONFORMING 3GPP ACCESS NETWORK HAVING A PACKET MODIFICATION FUNCTION**
[54] **DETECTION DE FLUX DE DONNEES DE SERVICE DANS UN RESEAU D'ACCES 3GPP CONFORME AYANT UNE FONCTION DE MODIFICATION DE PAQUET**
[72] PAPPAS, SCOTT J., US
[72] AGULNIK, ANATOLY, US
[72] FREDERICKS, ROBERT A., US
[72] MAROCCHI, JAMES A., US
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[54] **METHOD AND APPARATUS FOR REDUCING POROSITIES IN COMPOSITE RESIN PARTS**
[54] **PROCEDE ET APPAREIL POUR REDUIRE LES POROSITES DANS DES PIECES DE RESINE COMPOSITE**
[72] MISCIAGNA, DAVID THOMAS, US
[73] THE BOEING COMPANY, US
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[72] FORBERG, STEVE, CA
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[54] **PROCEDE DE COLLECTE D'UN ECHANTILLON DE MICRO-ORGANISMES A LA SURFACE D'UN MATERIAU SOLIDE AU MOYEN D'UN SYSTEME DE SEGMENTATION SANS CONTACT ET APPAREIL DE SEGMENTATION DE LA SURFACE DU MATERIAU SOLIDE**
[72] PARK, JEONG WOONG, KR
[72] WOO, DONG JIN, KR
[72] IM, SEONG BIN, KR
[72] KIM, SANG WOO, KR
[73] SANIGEN CO., LTD., KR
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[54] **PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE DES STRUCTURES COMPOSITES PROFILEES ET STRUCTURES AINSI PRODUITES**
[72] GUZMAN, JUAN CARLOS, US
[72] MCCARVILLE, DOUGLAS ALAN, US
[72] SWEETIN, JOSEPH L., US
[72] MESSINGER, ROSS, US
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[72] SHAIN, ERIC B., US
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[54] **COMPOSITIONS POUR TRAITER UN COMPLEXE DE MALADIES RESPIRATOIRES CANINES**
[72] ABDELMAGID, OMAR YOUSIF, US
[72] BRICKER, JOSEPH MICHAEL, US
[72] SHIELDS, SHELLY LYNN, US
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[54] **ENSEMBLE PARE-SOLEIL CONCU POUR LES FENETRES**
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[73] THE BOEING COMPANY, US
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[73] SHAH, JAVED, CA
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[54] **PLUG CONNECTOR AND ITS USE FOR PROTECTING AN ELECTRICAL SYSTEM AGAINST OVERVOLTAGE DISCHARGE AS WELL AS A METHOD FOR ITS MANUFACTURE**
[54] **CONNECTEUR ET SON UTILISATION POUR PROTEGER UN SYSTEME ELECTRIQUE D'UNE DECHARGE DE SURTENSION ET SON PROCEDE DE FABRICATION**
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[72] NGUYEN, KIM THUY, US
[73] WELLMARK INTERNATIONAL, US
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[54] **CONJUGUES DE POLYMERES AVEC ANTIGENICITE REDUITE, PROCEDES DE PREPARATION ET UTILISATIONS DE CES CONJUGUES**
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[72] SHERMAN, MERRY R., US
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[72] WILLIAMS, L. DAVID, US
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[72] DAUDLIN, CORY V., CA
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[72] LEVASSEUR, DENIS G., CA
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[54] **SYSTEMES ET MANCHES DE POSE POUR LA POSE DE VALVULES CARDIAQUES PROTHETIQUES DISPOSEES SUR DES PORTE-VALVULE**
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[73] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **PIECE POUR ABSORBER ET/OU TRANSMETTRE DES FORCES ET/OU COUPLES MECANIQUES, SON PROCEDE DE FABRICATION ET SON UTILISATION**
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[72] LIPPERT, THOMAS, DE
[72] TOPRAK, TAYLAN, DE
[73] MT AEROSPACE AG, DE
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[72] COSTE, JULIEN JEAN GEORGES, FR
[73] COSTE, JULIEN JEAN GEORGES, FR
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[54] **MISE EN MEMOIRE TAMPON DE DONNEES DE PREDICTION DANS UN CODAGE VIDEO**
[72] CHIEN, WEI-JUNG, US
[72] ZHENG, YUNFEI, US
[72] WANG, XIANGLIN, US
[72] KARCZEWICZ, MARTA, US
[72] GUO, LIWEI, US
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[72] MUKHERJEE, PARTHA SARATHI, US
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[73] PAYPAL, INC., US
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[54] **COMPOSITION DE DETERGENT LIQUIDE POLYPHASIQUE**
[72] BETTIOL, JEAN-LUC PHILIPPE, BE
[72] DECRAENE, KATRIEN, BE
[72] EVERS, MARC FRANCOIS THEOPHILE, BE
[72] BRAECKMAN, KARL GHISLAIN, BE
[72] VAN OVERSTRAETE, BJORN, BE
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] CLARKE, JOANNA MARGARET, CN
[72] ROSMANINHO, ROXANE, BE
[72] PINNA, RAFFAELE, BE
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[54] **BUTEE DE COURROIE TRANSPORTEUSE ET METHODE D'INSTALLATION**
[72] KENNEDY, WILLIAM R., US
[72] KENNEDY, JOHN M., US
[73] JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC., US
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[54] **DEVICE FOR LAYERED STACKING A SUPPORT**
[54] **DISPOSITIF POUR EMPILER DES ARTICLES EN PLUSIEURS COUCHES SUR UN SUPPORT**
[72] CAVELIUS, JORG, DE
[73] DEMATIC GMBH, DE
[85] 2014-01-29
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[54] **AIR SUSPENSION PRESSURE DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE DE PRESSION DE SUSPENSION PNEUMATIQUE**
[72] ROBERTS, BYRON W., CA
[73] QUESTAR VENTURES INC., CA
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[54] **SYSTEMS AND METHODS FOR PROVIDING DRIVER SHIFT AIDS**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR A UN CONDUCTEUR DES AIDES AU CHANGEMENT DE RAPPORT**
[72] OLSEN, STEPHAN, US
[72] OTT, ETHAN A., US
[72] SLATON, ZACHARY, US
[72] NIEVELSTEIN, MARK, NL
[73] PACCAR INC, US
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[54] **A CONTROL SYSTEM FOR REALIZING THE CHANGE OF INPUT POWER WITH LOAD AND ROTATING SPEED SIMULTANEOUSLY, BY DRIVING MULTIPLE ELECTRIC MOTORS VIA ONE INVERTER BRIDGE**
[54] **SYSTEME DE COMMANDE POUR REALISER UN CHANGEMENT D'ENERGIE D'ENTREE EN MEME TEMPS QUE LES CHARGES ET LA VITESSE DE ROTATION AU MOYEN D'UN PONT D'ONDULEUR QUI ENTRAINE DE NOMBREUX JEUX DE MOTEURS**
[72] ZHOU, SHUNXIN, CN
[73] ZHOU, SHUNXIN, CN
[85] 2014-02-07
[86] 2012-06-28 (PCT/CN2012/000885)
[87] (WO2013/020355)
[30] CN (201110231539.4) 2011-08-11

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[25] EN
[54] **BALL HANDLE ASSEMBLY FOR A HANDHELD TOOL**
[54] **ENSEMBLE POIGNEE SPHERIQUE POUR OUTIL A MAIN**
[72] VIERCK, BENJAMIN EDWIN, US
[73] MTD PRODUCTS INC., US
[85] 2014-02-10
[86] 2012-08-24 (PCT/US2012/052261)
[87] (WO2013/032901)
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[51] **Int.Cl. B60W 30/18 (2012.01) B60W 50/00 (2006.01)**
[25] EN
[54] **SPEED LIMITING VEHICLE KEY FOB SYSTEM**
[54] **BRELOQUE PORTE-CLES PERMETTANT DE LIMITER LA VITESSE D'UN VEHICULE**
[72] HATFIELD, MICHAEL LUKE, CA
[73] HATFIELD, MICHAEL LUKE, CA
[86] (2845089)
[87] (2845089)
[22] 2014-03-10
[30] US (14/146,526) 2014-01-02

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[51] **Int.Cl. G06F 17/50 (2006.01)**
[25] EN
[54] **GEOMETRIC MODELING OF A COMPOSITE PART INCLUDING A PLY-STACK UP AND RESIN**
[54] **MODELISATION GEOMETRIQUE D'UNE PIECE COMPOSITE COMPRENANT UN EMPILEMENT DE PLIS ET DE LA RESINE**
[72] GRANDINE, THOMAS A., US
[72] PATTERSON, MATTHEW S., US
[73] THE BOEING COMPANY, US
[85] 2014-02-20
[86] 2012-09-20 (PCT/US2012/056402)
[87] (WO2013/062697)
[30] US (61/550,429) 2011-10-23
[30] US (13/310,665) 2011-12-02

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[51] **Int.Cl. E03D 3/00 (2006.01)**
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[54] **FLUSH ACTUATOR**
[54] **DISPOSITIF DE COMMANDE DE CHASSE**
[72] WILSON, JOHN, US
[72] HERBERT, KAY, US
[72] MO, XIAOXIONG, US
[72] COSTA, ALFRED J., US
[72] ANTHONY, JOSHUA D., US
[72] RENNER, KLAUS H., US
[72] KOWALCZYK, MATTHEW THOMAS, US
[72] KINSLEY, JOSHUA P., US
[73] SLOAN VALVE COMPANY, US
[86] (2846534)
[87] (2846534)
[22] 2014-03-14
[30] US (61/788,733) 2013-03-15

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[25] EN
[54] **LOWER JOINTS BETWEEN OUTBOARD WING BOXES AND CENTER WING SECTIONS OF AIRCRAFT WING ASSEMBLIES**
[54] **JOINTS INFERIEURS ENTRE DES CAISSONS DE VOILURE EXTERNES ET DES SECTIONS D'AILE CENTRALES D'ENSEMBLES D'AILES D'AERONEF**
[72] COMINSKY, KENNETH D., US
[72] CHARLES, JORDAN DANIEL, US
[73] THE BOEING COMPANY, US
[86] (2847675)
[87] (2847675)
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[30] US (13/913,099) 2013-06-07

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[25] EN
[54] **DEVICE FOR TREATING EYE CONDITIONS**
[54] **DISPOSITIF DE TRAITEMENTS DE MALADIES DE L'OEIL**
[72] VAN VALEN, MARCIA, US
[72] BROWN, WILLIAM E., US
[73] BIOLASE, INC., US
[85] 2014-03-07
[86] 2012-09-08 (PCT/US2012/054340)
[87] (WO2013/036894)
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[51] **Int.Cl. A61F 9/011 (2006.01)**
[25] EN
[54] **SYSTEM FOR ABLATING AN EYE LENS**
[54] **APPAREIL D'ABLATION D'UN VERRE D'OEIL**
[72] VAN VALEN, MARCIA, US
[72] BROWN, WILLIAM E., JR., US
[72] DURRIE, DANIEL, US
[73] BIOLASE, INC., US
[85] 2014-03-28
[86] 2012-10-02 (PCT/US2012/058455)
[87] (WO2013/052481)
[30] US (61/542,702) 2011-10-03
[30] US (61/551,826) 2011-10-26
[30] US (13/633,505) 2012-10-02

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[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 10/06 (2012.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SUBSURFACE OIL RECOVERY OPTIMIZATION**
[54] **SYSTEMES ET PROCEDES D'OPTIMISATION DE LA RECUPERATION SOUTERRAINE DE PETROLE**
[72] PRIYESH, RANJAN, US
[72] SHELDON, BURT GORELL, US
[72] KUMAR, AMIT, US
[72] CULLICK, ALVIN STANLEY, US
[72] CARVAJAL, GUSTAVO A., US
[72] URRUTIA, KARELIS ALEJANDRA, US
[72] KHAN, HASNAIN, US
[72] SAPUTELLI, LUIGI, US
[72] NASR, HATEM, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-03-28
[86] 2012-10-05 (PCT/US2012/058858)
[87] (WO2013/052735)
[30] US (61/544,202) 2011-10-06

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[25] EN
[54] **STEAM CLEANING DEVICES AND COMPOSITIONS FOR USE THEREWITH**
[54] **DISPOSITIFS DE NETTOYAGE A LA VAPEUR D'EAU ET COMPOSITIONS POUR UTILISATION AVEC CEUX-CI**
[72] HOUGHTON, STEPHEN, GB
[72] APPLEBY, KEVIN, GB
[72] HUSSEY, CHRISTOPHER, GB
[73] BLACK & DECKER INC., US
[86] (2851061)
[87] (2851061)
[22] 2014-05-05
[30] EP (13167379.0) 2013-05-10

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[13] C
[51] **Int.Cl. H02P 7/14 (2006.01) B25F 5/00 (2006.01)**
[25] EN
[54] **VARIABLE SPEED TRIGGER MECHANISM**
[54] **MECANISME DE DECLENCHEMENT A VITESSE VARIABLE**
[72] PUSATERI, DANIEL, US
[72] HAPP, KENNETH, US
[72] BREHM, JAMES, US
[73] SNAP-ON INCORPORATED, US
[85] 2014-04-03
[86] 2012-11-06 (PCT/US2012/063672)
[87] (WO2013/070580)
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[25] EN
[54] **COMPOSITE COLUMNAR STRUCTURE HAVING CO-BONDED REINFORCEMENT AND FABRICATION METHOD**
[54] **STRUCTURE EN COLONNE COMPOSITE AYANT UN RENFORT CO-LIE ET PROCEDE DE FABRICATION**
[72] STEWART, SAMUEL RAY, US
[73] THE BOEING COMPANY, US
[85] 2014-04-10
[86] 2012-10-25 (PCT/US2012/061997)
[87] (WO2013/066727)
[30] US (13/326,005) 2011-12-14

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[51] **Int.Cl. G03G 15/22 (2006.01) B41F 7/24 (2006.01) B41J 2/095 (2006.01) B41J 2/41 (2006.01) G03G 15/06 (2006.01)**
[25] EN
[54] **PRINTING APPARATUS USING ELECTROHYDRODYNAMICS**
[54] **APPAREIL D'IMPRESSION UTILISANT L'ELECTROHYDRODYNAMIQUE**
[72] LIU, YU, CA
[72] WU, YILIANG, CA
[72] JUNGINGER, JOHANN, CA
[72] LIU, PING, CA
[73] XEROX CORPORATION, US
[86] (2852405)
[87] (2852405)
[22] 2014-05-21
[30] US (13/904184) 2013-05-29

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[13] C
[51] **Int.Cl. C10M 139/06 (2006.01) C10M 105/74 (2006.01) C23F 11/10 (2006.01)**
[25] EN
[54] **REDOX COUPLE-BASED MITIGATION OF FLUID-FLOW-DRIVEN ELECTROCHEMICAL SURFACE DEGRADATION**
[54] **ATTENUATION A COUPLE REDOX DE LA DEGRADATION ELECTROCHIMIQUE DE SURFACE ATTRIBUABLE A L'ECOULEMENT DE FLUIDE**
[72] HAGER, HAROLD E., US
[73] THE BOEING COMPANY, US
[86] (2852511)
[87] (2852511)
[22] 2014-05-16
[30] US (13/948413) 2013-07-23

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[51] **Int.Cl. H04N 19/159 (2014.01) H04N 19/137 (2014.01) H04N 19/146 (2014.01) H04N 19/174 (2014.01) H04N 19/42 (2014.01) H04N 19/513 (2014.01)**
[25] EN
[54] **METHOD FOR INTER PREDICTION AND DEVICE THEREFOR, AND METHOD FOR MOTION COMPENSATION AND DEVICE THEREFOR**
[54] **PROCEDE DE PREDICTION INTER ET DISPOSITIF CORRESPONDANT, ET PROCEDE DE COMPENSATION DE MOUVEMENT ET DISPOSITIF CORRESPONDANT**
[72] PARK, YOUNG-O, KR
[72] KIM, IL-KOO, KR
[72] KIM, CHAN-YUL, KR
[72] CHOI, KWANG-PYO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-04-28
[86] 2012-10-29 (PCT/KR2012/008946)
[87] (WO2013/062391)
[30] US (61/552,698) 2011-10-28

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[51] **Int.Cl. H04L 29/08 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **NETWORK ANALYSIS DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE D'ANALYSE DE RESEAU**
[72] LAWRIE, WILLIAM, US
[72] MILLIS, ROBERT, US
[72] WALSH, RICHARD THOMAS, US
[72] LEWANDA, DAVID BENJAMIN, US
[73] IMAGINE COMMUNICATIONS CORP., US
[85] 2014-05-01
[86] 2012-10-10 (PCT/US2012/059528)
[87] (WO2013/066581)
[30] US (13/287,593) 2011-11-02

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[13] C
[51] **Int.Cl. G01N 3/40 (2006.01)**
[25] EN
[54] **REMAINING LIFE ASSESSMENT METHOD FOR HEAT-RESISTING STEEL MEMBER**
[54] **METHODE D'EVALUATION DE DUREE UTILE RESTANTE POUR ELEMENT EN ACIER THERMORESISTANT**
[72] ARAI, MASAHIKO, JP
[72] DOI, HIROYUKI, JP
[72] KOBAYASHI, SHINICHI, JP
[72] MURATA, KENICHI, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[86] (2854538)
[87] (2854538)
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[30] JP (2013-129150) 2013-06-20

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[51] **Int.Cl. H03M 7/40 (2006.01)**
[25] EN
[54] **CONTEXT OPTIMIZATION FOR LAST SIGNIFICANT COEFFICIENT POSITION CODING**
[54] **OPTIMISATION DE CONTEXTE POUR CODAGE DE POSITION DE DERNIER COEFFICIENT SIGNIFICATIF**
[72] GUO, LIWEI, US
[72] CHIEN, WEI-JUNG, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-05-06
[86] 2012-11-06 (PCT/US2012/063717)
[87] (WO2013/070610)
[30] US (61/557,317) 2011-11-08
[30] US (61/561,909) 2011-11-20
[30] US (61/588,579) 2012-01-19
[30] US (61/596,049) 2012-02-07
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[51] **Int.Cl. G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **TARGETING ADVERTISEMENTS TO USERS OF A SOCIAL NETWORKING SYSTEM BASED ON EVENTS**
[54] **PUBLICITES CIBLANT LES UTILISATEURS D'UN SYSTEME DE RESEAU SOCIAL SUR LA BASE D'EVENEMENTS**
[72] RAJARAM, GIRIDHAR, US
[73] FACEBOOK, INC., US
[85] 2014-05-08
[86] 2012-11-08 (PCT/US2012/064189)
[87] (WO2013/074367)
[30] US (13/299,322) 2011-11-17

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[51] **Int.Cl. F02C 7/36 (2006.01) F01D 1/24 (2006.01) F01D 5/06 (2006.01) F02C 3/04 (2006.01) F02C 3/107 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **GEARED TURBOFAN GAS TURBINE ENGINE ARCHITECTURE**
[54] **ARCHITECTURE DE MOTEUR A TURBINE A GAZ A TURBOSOUFFLANTE A ENGRENAGES**
[72] HOUSTON, DAVID P., US
[72] KUPRATIS, DANIEL BERNARD, US
[72] SCHWARZ, FREDERICK M., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[85] 2014-05-28
[86] 2013-01-30 (PCT/US2013/023730)
[87] (WO2013/116262)
[30] US (13/363,154) 2012-01-31
[30] US (13/629,681) 2012-09-28

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[13] C
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **HOLE OPENER AND METHOD FOR DRILLING**
[54] **DISPOSITIF D'OUVERTURE DE TROU ET METHODE DE FORAGE**
[72] BEAUCHAMP, SONNY, CA
[73] FIRST CORP INTERNATIONAL INC., US
[86] (2857637)
[87] (2857637)
[22] 2014-07-21
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[51] **Int.Cl. B22F 3/11 (2006.01) A61L 27/04 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **LASER-PRODUCED POROUS STRUCTURE**
[54] **STRUCTURE POREUSE PRODUITE PAR LASER**
[72] JONES, ERIC, IE
[72] SUTCLIFFE, CHRISTOPHER J., GB
[72] STAMP, ROBIN, GB
[73] HOWMEDICA OSTEONICS CORP., US
[73] UNIVERSITY OF LIVERPOOL, GB
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[54] **RESIDENCE TIME PLATE**
[54] **PLAQUE DE TEMPS DE SEJOUR**
[72] LINGVALL, MAGNUS, SE
[72] HOGLUND, KASPER, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2014-07-24
[86] 2013-03-14 (PCT/EP2013/055206)
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[51] **Int.Cl. A61K 38/55 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01) C07K 4/12 (2006.01)**
[25] FR
[54] **BIFUNCTIONAL PEPTIDE**
[54] **PEPTIDE BIFONCTIONNEL**
[72] HORNEBECK, WILLIAM, FR
[72] ATTIA, JOAN, FR
[72] LORIMIER, SANDRINE, FR
[72] ANTONICELLI, FRANK, FR
[73] UNIVERSITE DE REIMS CHAMPAGNE ARDENNE, FR
[73] REGENTIS INTERNATIONAL, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2014-07-31
[86] 2013-01-31 (PCT/FR2013/000033)
[87] (WO2013/114013)
[30] FR (1250932) 2012-02-01

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[51] **Int.Cl. H03M 13/11 (2006.01) H04N 19/90 (2014.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 64800 AND CODE RATE OF 7/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 7/15 ET PROCEDE D'ENCODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE UTILISANT CELUI-CI**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2864634)
[87] (2864634)
[22] 2014-09-25
[30] KR (10-2013-0119514) 2013-10-07
[30] KR (10-2013-0120573) 2013-10-10
[30] KR (10-2013-0149478) 2013-12-03
[30] KR (10-2014-0120015) 2014-09-11

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[51] **Int.Cl. H03M 13/11 (2006.01) H04N 19/90 (2014.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 16200 AND CODE RATE OF 2/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE 16 200 BITS ET UN TAUX DE CODE DE 2/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2864640)
[87] (2864640)
[22] 2014-09-25
[30] KR (10-2014-0106173) 2014-08-14
[30] KR (10-2014-0120008) 2014-09-11

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[51] **Int.Cl. G01N 35/08 (2006.01) G01N 21/25 (2006.01) G01N 33/22 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR MEASURING ASPHALTENE CONTENT OF CRUDE OIL**
[54] **APPAREIL ET SYSTEME DE MESURE DE LA TENEUR EN ASPHALTENES D'UNE HUILE BRUTE**
[72] MOSTOWFI, FARSHID, CA
[72] KHARRAT, ABDEL M., CA
[72] HOMEWOOD, PHILIP JAMES, GB
[72] BADDELEY, JOSEPH SAMUEL, GB
[72] SCHNEIDER, MARC, DE
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-08-14
[86] 2013-02-22 (PCT/US2013/027364)
[87] (WO2013/126732)
[30] US (61/602,531) 2012-02-23

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[13] C
[51] **Int.Cl. G08G 1/123 (2006.01) G08G 1/13 (2006.01) G08G 1/137 (2006.01)**
[25] EN
[54] **OVERLAPPING GEOGRAPHIC AREAS**
[54] **ZONES GEOGRAPHIQUES SUPERPOSEES**
[72] DAVIDSON, MARK J., US
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US
[85] 2014-08-19
[86] 2012-10-15 (PCT/US2012/060192)
[87] (WO2013/158147)
[30] US (61/635,423) 2012-04-19
[30] US (13/465,563) 2012-05-07

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[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/10 (2009.01) H04L 9/32 (2006.01)**
[25] EN
[54] **COMMUNICATION PROTOCOL FOR SECURE COMMUNICATIONS SYSTEMS**
[54] **PROTOCOLE DE COMMUNICATION POUR SYSTEMES DE COMMUNICATIONS SECURISES**
[72] SENESE, THOMAS J., US
[72] HOSELTON, HELEN Y., US
[72] SHAHAB, OBAID, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2014-08-21
[86] 2013-02-01 (PCT/US2013/024412)
[87] (WO2013/130218)
[30] US (13/406,610) 2012-02-28

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[13] C
[51] **Int.Cl. H02G 3/06 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **WIRE CONNECTOR**
[54] **CONNECTEUR DE FILS**
[72] LAVERDIERE, ALAIN, CA
[72] BOUCHER, YVES, CA
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2865716)
[87] (2865716)
[22] 2014-09-30
[30] US (61/884,684) 2013-09-30

[11] **2,865,760**
[13] C
[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/80 (2006.01)**
[25] EN
[54] **SURGICAL STAPLE**
[54] **AGRAFE CHIRURGICALE**
[72] TAYLOR, ALAN G., US
[72] WAHL, REBECCA H., US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2014-08-27
[86] 2013-03-01 (PCT/US2013/028627)
[87] (WO2013/130978)
[30] US (61/605,269) 2012-03-01
[30] US (61/642,353) 2012-05-03
[30] US (13/782,274) 2013-03-01

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[13] C
[51] **Int.Cl. B64D 11/00 (2006.01) B64D 11/06 (2006.01)**
[25] EN
[54] **DEPLOYABLE IN-FLIGHT ENTERTAINMENT MONITOR**
[54] **ECRAN DE DISTRACTIONS EN VOL DEPLIABLE**
[72] WALLACE, ANDREW GORDON, GB
[72] RUTTER, PAUL BENEDICT, GB
[72] MITCHELL, ANDREW DAVID, GB
[72] JOHNSON, GLENN ALLEN, US
[73] B/E AEROSPACE, INC., US
[85] 2014-09-08
[86] 2013-03-14 (PCT/US2013/031158)
[87] (WO2013/138551)
[30] US (61/610,514) 2012-03-14

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[13] C
[51] **Int.Cl. G01N 1/20 (2006.01) F01M 13/04 (2006.01) G01N 1/22 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **SAMPLE COLLECTING DEVICE FOR DROPLET AND GAS SAMPLING IN NARROW DUCTS OF A GAS TURBINE OR ANY OTHER DEVICE WITH AN OIL BREATHER**
[54] **DISPOSITIF DE RECUEIL D'ECHANTILLON POUR ECHANTILLONNAGE DE GAZ ET DE GOUTTELETTES DANS DES CONDUITS ETROITS D'UNE TURBINE A GAZ OU TOUT AUTRE DISPOSITIF COMPRENANT UN RENIFLARD D'HUILE**
[72] BROWN, ROGER, GB
[72] PEARCE, ROBERT, GB
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2014-09-12
[86] 2013-02-13 (PCT/EP2013/052811)
[87] (WO2013/143756)
[30] EP (12161508.2) 2012-03-27

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[51] **Int.Cl. C23C 8/16 (2006.01) C21D 1/10 (2006.01) C21D 1/76 (2006.01) C22C 19/05 (2006.01) C22C 38/00 (2006.01) C22C 38/50 (2006.01) C23C 8/18 (2006.01) G21D 1/00 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **CR-CONTAINING AUSTENITIC ALLOY AND METHOD FOR PRODUCING THE SAME**
[54] **ALLIAGE AUSTENITIQUE CONTENANT DU CR ET SON PROCEDE DE FABRICATION**
[72] MASAKI, YASUHIRO, JP
[72] KANZAKI, MANABU, JP
[72] HIDAKA, YASUYOSHI, JP
[72] UEHIRA, AKIHIRO, JP
[72] MIYAHARA, OSAMU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-09-16
[86] 2013-02-27 (PCT/JP2013/055087)
[87] (WO2013/146034)
[30] JP (2012-074539) 2012-03-28

[11] **2,867,673**
[13] C
[51] **Int.Cl. B23K 9/173 (2006.01) B23K 9/23 (2006.01) B23K 35/30 (2006.01) C22C 38/00 (2006.01) C22C 38/18 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING WELDED JOINT, AND WELDED JOINT**
[54] **PROCEDE DE FABRICATION D'UN JOINT SOUDE ET JOINT SOUDE**
[72] YAMADA, KENTA, JP
[72] HAMADA, MASAHIKO, JP
[72] MOTOYA, DAISUKE, JP
[72] NAKATSUKA, SHINJIRO, JP
[72] AMAYA, HISASHI, JP
[72] TAKABE, HIDEKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-09-17
[86] 2013-03-27 (PCT/JP2013/058954)
[87] (WO2013/146860)
[30] JP (2012-082023) 2012-03-30

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[51] **Int.Cl. E21D 20/00 (2006.01) E21D 21/00 (2006.01)**
[25] EN
[54] **ROOF BOLT INSTALLATION TOOL**
[54] **OUTIL D'INSTALLATION DE BOULONS DE TOIT**
[72] CHIAPPONE, SHANE, US
[73] CHIAPPONE, SHANE, US
[86] (2867808)
[87] (2867808)
[22] 2014-10-16
[30] US (14/085,858) 2013-11-21

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[13] C
[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **DRIVER CIRCUIT FOR SOLID STATE LIGHT SOURCES**
[54] **CIRCUIT PILOTE POUR DES SOURCES DE LUMIERE A L'ETAT SOLIDE**
[72] PALMER, FRED, US
[72] DENVIR, KERRY, US
[72] ALLEN, STEVEN C., US
[73] OSRAM SYLVANIA INC., US
[85] 2014-09-17
[86] 2013-05-03 (PCT/US2013/039368)
[87] (WO2013/173081)
[30] US (13/471,650) 2012-05-15

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[51] **Int.Cl. F16B 31/02 (2006.01) G01L 5/24 (2006.01) G01M 17/00 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **OPTICAL MEASUREMENT OF FASTENER PRELOAD**
[54] **MESURE OPTIQUE DE LA PRECHARGE D'UNE ATTACHE**
[72] PELTZ, LEORA, US
[72] GRIP, ROBERT E., US
[72] BROWN, JOHN J., US
[73] THE BOEING COMPANY, US
[86] (2869179)
[87] (2869179)
[22] 2014-10-30
[30] US (14/157313) 2014-01-16

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[51] **Int.Cl. E21B 34/14 (2006.01)**
[25] EN
[54] **SEAT ASSEMBLY WITH COUNTER FOR ISOLATING FRACTURE ZONES IN A WELL**
[54] **ENSEMBLE SIEGE A COMPTEUR POUR ISOLER DES ZONES DE FRACTURE DANS UN PUITS**
[72] NAEDLER, MARK HENRY, US
[72] CARTER, DEREK L., US
[73] UTEX INDUSTRIES, INC., US
[85] 2014-10-06
[86] 2013-05-07 (PCT/US2013/039964)
[87] (WO2013/169790)
[30] US (61/644,887) 2012-05-09

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 7/14 (2006.01) E21B 21/08 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **TRIGGERED HEATING OF WELLBORE FLUIDS BY CARBON NANOMATERIALS**
[54] **CHAUFFAGE DECLENCHE DE FLUIDES DE PUITS DE FORAGE PAR DES NANOMATIERES A BASE DE CARBONE**
[72] PRICE HOELSCHER, BRANDI KATHERINE, US
[72] YOUNG, STEVEN PHILIP, US
[72] FRIEDHEIM, JAMES, US
[73] M-I L.L.C., US
[85] 2014-10-08
[86] 2013-04-09 (PCT/US2013/035758)
[87] (WO2013/155061)
[30] US (61/621,716) 2012-04-09

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[51] **Int.Cl. E04C 1/00 (2006.01) E04B 2/16 (2006.01) E04G 21/14 (2006.01)**
[25] EN
[54] **CONSTRUCTION BLOCKS**
[54] **BLOCS DE CONSTRUCTION**
[72] MAEERS, RICHARD, CA
[73] MAEERS, RICHARD, CA
[85] 2014-10-31
[86] 2012-05-31 (PCT/CA2012/050359)
[87] (WO2012/162834)
[30] US (61/457,768) 2011-05-31

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[51] **Int.Cl. G06K 9/62 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **CREATING SOCIAL NETWORK GROUPS**
[54] **CREATION DE GROUPES DE RESEAU SOCIAL**
[72] GOSSWEILER, RICH, US
[72] MILLER, JAMES BROOKS, US
[73] GOOGLE INC., US
[85] 2014-10-09
[86] 2013-04-25 (PCT/US2013/038171)
[87] (WO2013/163396)
[30] US (13/456,970) 2012-04-26

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[13] C
[51] **Int.Cl. H02J 50/00 (2016.01) H02J 50/27 (2016.01)**
[25] EN
[54] **WIRELESS POWER HARVESTING ALONG MULTIPLE PATHS IN A REVERBERENT CAVITY**
[54] **COLLECTE D'ENERGIE SANS FIL SUR DE MULTIPLES TRAJETS DANS UNE CAVITE A REVERBERATION**
[72] BOMMER, JASON P., US
[72] AYYAGARI, ARUN, US
[73] THE BOEING COMPANY, US
[85] 2014-10-15
[86] 2013-03-27 (PCT/US2013/034103)
[87] (WO2014/003862)
[30] US (13/533,934) 2012-06-26

[11] **2,870,695**
[13] C
[51] **Int.Cl. G02B 15/10 (2006.01) F41G 1/38 (2006.01) G02B 23/00 (2006.01)**
[25] EN
[54] **OPTICAL SIGHTING DEVICE**
[54] **DISPOSITIF DE VISEE OPTIQUE**
[72] SZAPIEL, STANISLAW, CA
[73] RAYTHEON COMPANY, US
[85] 2014-10-15
[86] 2013-06-28 (PCT/US2013/048497)
[87] (WO2014/051810)
[30] US (13/631,040) 2012-09-28

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[13] C
[51] **Int.Cl. B65H 18/02 (2006.01)**
[25] EN
[54] **WEB REWINDING APPARATUS WITH A CUPPING ASSEMBLY**
[54] **APPAREIL D'ENROULEMENT DE FILM**
[72] MEYER, PETER DAVID, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-10-16
[86] 2013-04-18 (PCT/US2013/037040)
[87] (WO2013/158807)
[30] US (13/449,382) 2012-04-18

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[13] C
[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **APPARATUS FOR CREATING INCISIONS IN A HUMAN CORNEA**
[54] **APPAREIL DESTINE A LA CREATION D'INCISIONS DANS UNE CORNEE HUMAINE**
[72] KRAUSE, JOHANNES, DE
[72] DONITZKY, CHRISTOF, DE
[73] WAVELIGHT GMBH, DE
[85] 2014-10-17
[86] 2013-03-08 (PCT/EP2013/054744)
[87] (WO2014/135218)

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[13] C
[51] **Int.Cl. F02D 41/14 (2006.01) F02D 41/00 (2006.01) F02M 25/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMPROVING PERFORMANCE OF COMBUSTION ENGINES EMPLOYING PRIMARY AND SECONDARY FUELS**
[54] **SYSTEME ET PROCEDE PERMETTANT D'AMELIORER LE RENDEMENT DES MOTEURS A COMBUSTION QUI UTILISENT DES CARBURANTS PRIMAIRE ET SECONDAIRE**
[72] MAC DONALD, JOHN JOSEPH, US
[73] BMS-TEK, LLC, US
[85] 2014-10-17
[86] 2014-01-09 (PCT/US2014/010936)
[87] (WO2014/110295)
[30] US (61/750,650) 2013-01-09

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[51] **Int.Cl. H02J 4/00 (2006.01) F24D 19/10 (2006.01) F24F 11/00 (2006.01) G05D 23/19 (2006.01) H02H 9/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR POWER STEALING BY CONTROLLERS**
[54] **APPAREIL ET METHODES DE VOL D'ALIMENTATION PAR DES CONTROLEURS**
[72] PAWAR, HARSHAL MANIK, US
[73] EMERSON ELECTRIC CO., US
[86] (2871207)
[87] (2871207)
[22] 2014-11-17
[30] IN (2321/MUM/2014) 2014-07-17
[30] US (14/536,922) 2014-11-10

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[51] **Int.Cl. B07C 5/34 (2006.01)**
[25] EN
[54] **HIGH CAPACITY CASCADE-TYPE MINERAL SORTING MACHINE AND METHOD**
[54] **MACHINE DE TRI DE MINERAUX HAUTE PERFORMANCE DE TYPE CASCADE ET PROCEDE AFFERENT**
[72] BAMBER, ANDREW, CA
[72] CSINGER, ANDREW, CA
[72] POOLE, DAVID, CA
[73] MINESENSE TECHNOLOGIES LTD., CA
[85] 2014-10-27
[86] 2013-05-01 (PCT/CA2013/050336)
[87] (WO2013/163759)
[30] US (61/640,752) 2012-05-01

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[25] EN
[54] **METABOLITES OF (1R-TRANS)-N-[[2-(2,3-DIHYDRO-4-BENZOFURANYL)CYCLOPROPYL]METHYL]PROPANAMIDE**
[54] **METABOLITES DE (1R-TRANS)-N-[[2-(2,3-DIHYDRO-4-BENZOFURANYL)CYCLOPROPYL]METHYL]- PROPANAMIDE**
[72] DRESSMAN, MARLENE MICHELLE, US
[72] PHADKE, DEEPAK, US
[73] VANDA PHARMACEUTICALS INC., US
[85] 2014-10-30
[86] 2013-05-17 (PCT/US2013/041573)
[87] (WO2013/173707)
[30] US (61/649,220) 2012-05-18

[11] **2,872,431**
[13] C
[51] **Int.Cl. B01D 53/64 (2006.01)**
[25] EN
[54] **DRY PROCESSES, APPARATUS, COMPOSITIONS AND SYSTEMS FOR REDUCING MERCURY, SULFUR OXIDES AND HCI**
[54] **PROCEDES A SEC, APPAREIL, COMPOSITIONS ET SYSTEMES POUR LA REDUCTION DU MERCURE, D'OXYDES DE SOUFRE ET DE HCL**
[72] SMYRNIOTIS, CHRISTOPHER R., US
[72] SCHULZ, KENT W., US
[72] RIVERA, EMELITO P., US
[72] FANG, MINGMING, US
[72] SARATOVSKY, IAN, US
[73] FUEL TECH, INC., US
[85] 2014-10-31
[86] 2013-05-01 (PCT/US2013/039083)
[87] (WO2013/166161)
[30] US (61/641,055) 2012-05-01

[11] **2,872,573**
[13] C
[51] **Int.Cl. H04B 7/06 (2006.01)**
[25] EN
[54] **ANTENNA ARRANGEMENT AND MOBILE COMMUNICATION DEVICE USING SAME**
[54] **SYSTEME D'ANTENNE ET DISPOSITIF DE COMMUNICATION MOBILE L'UTILISANT**
[72] BRITTON, GABRIEL, IL
[72] MOALLEM, DAVID, IL
[72] OREN, ASSAF, IL
[72] SHAMSIAN, RONI, IL
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2014-11-03
[86] 2013-04-15 (PCT/US2013/036633)
[87] (WO2013/165680)
[30] US (13/464,355) 2012-05-04

[11] **2,875,225**
[13] C
[51] **Int.Cl. B60L 11/18 (2006.01)**
[25] EN
[54] **BATTERY MODULE CONFIGURATION STRUCTURE FOR ARTICULATED ELECTRIC BUS**
[54] **STRUCTURE DE CONFIGURATION DE MODULE DE BATTERIE POUR BUS ELECTRIQUE ARTICULE**
[72] LI, HSUNSHENG, CN
[72] YU, NENGHAN, CN
[72] WEN, CHUNGWEI, CN
[72] SHU, CHINGAN, CN
[73] ALEEES ECO ARK (CAYMAN) CO. LTD., KY
[85] 2014-11-28
[86] 2013-05-31 (PCT/CN2013/076557)
[87] (WO2013/178089)
[30] US (61/654,549) 2012-06-01

[11] **2,875,644**
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[51] **Int.Cl. C22C 38/44 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **DUPLEX STAINLESS STEEL**
[54] **ACIER INOXYDABLE DUPLEX**
[72] SAGARA, MASAYUKI, JP
[72] TOMIO, AKIKO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-12-03
[86] 2013-06-19 (PCT/JP2013/066844)
[87] (WO2013/191208)
[30] JP (2012-140365) 2012-06-22

[11] **2,876,133**
[13] C
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **HUMAN BISPECIFIC EGFRVIII ANTIBODY ENGAGING MOLECULES**
[54] **MOLECULES ENTRANT EN CONTACT AVEC UN ANTICORPS BISPECIFIQUE HUMAIN CONTRE EGFRVIII**
[72] BIGNER, DARELL, US
[72] KUAN, CHIEN-TSUN, US
[72] SAMPSON, JOHN, US
[72] CHOI, BRYAN, US
[72] PASTAN, IRA H., US
[72] GEDEON, PATRICK C., US
[73] DUKE UNIVERSITY, US
[73] THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2014-12-08
[86] 2013-06-07 (PCT/US2013/044672)
[87] (WO2013/185010)
[30] US (61/656,717) 2012-06-07

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[13] C
[51] **Int.Cl. H01M 8/0208 (2016.01) C23C 22/05 (2006.01) C23C 28/04 (2006.01) C25D 11/26 (2006.01)**
[25] EN
[54] **TITANIUM OR TITANIUM ALLOY MATERIAL FOR FUEL CELL SEPARATOR HAVING HIGH CONTACT CONDUCTIVITY WITH CARBON AND HIGH DURABILITY, FUEL CELL SEPARATOR INCLUDING THE SAME, AND MANUFACTURING METHOD THEREFOR**
[54] **TITANE OU ALLIAGE DE TITANE DESTINE A UN SEPARATEUR DE PILE A COMBUSTIBLE DOTE D'UNE CONDUCTIVITE DE CONTACT AVEC LE CARBONE ET D'UNE DURABILITE AMELIOREES, SEPARATEUR DE PILE A COMBUSTIBLE UTILISANT CELUI-CI ET SON PROCEDE DE PRODUCTION**
[72] KIHIRA, HIROSHI, JP
[72] YOSIDA, YUUICHI, JP
[72] KAGAWA, TAKU, JP
[72] NISHIMOTO, TAKUMI, JP
[72] TANAKA, KOKI, JP
[72] KIMURA, MASAO, JP
[72] TOKUNO, KIYONORI, JP
[72] TAKAHASHI, KAZUHIRO, JP
[72] DOMOTO, TAKASHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-12-10
[86] 2013-07-30 (PCT/JP2013/070550)
[87] (WO2014/021298)
[30] JP (2012-170363) 2012-07-31

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[13] C
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01) H01Q 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR ENHANCED HYDROCARBON RECOVERY USING IN-SITU RADIO FREQUENCY HEATING OF AN UNDERGROUND FORMATION WITH BROADBAND ANTENNA**
[54] **PROCEDE D'EXTRACTION AMELIOREE D'HYDROCARBURES UTILISANT UNE ANTENNE A LARGE BANDE POUR CHAUFFER UNE FORMATION SOUTERRAINE IN SITU PAR RADIOFREQUENCE**
[72] SAEEDFAR, AMIN, CA
[73] HUSKY OIL OPERATIONS LIMITED, CA
[86] (2876698)
[87] (2876698)
[22] 2014-12-31
[30] US (61/924919) 2014-01-08

[11] **2,877,321**
[13] C
[51] **Int.Cl. A63B 21/02 (2006.01) A63B 21/055 (2006.01) A63B 23/02 (2006.01) A63B 23/035 (2006.01)**
[25] EN
[54] **RANGE OF MOTION FLEXIBILITY DEVICE AND METHOD OF USE**
[54] **DISPOSITIF A LONGUEUR DE DEBATTEMENT ADAPTABLE, ET PROCEDE D'UTILISATION**
[72] ALDRIDGE, ROBERT, US
[72] ALDRIDGE, SHARI, US
[73] BAM MOTION, INC., US
[85] 2014-12-18
[86] 2013-06-20 (PCT/US2013/046915)
[87] (WO2013/192458)
[30] US (13/528,779) 2012-06-20

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[13] C
[51] **Int.Cl. F16D 7/02 (2006.01) F16D 41/20 (2006.01) F16H 55/36 (2006.01)**
[25] EN
[54] **ISOLATOR DECOUPLER**
[54] **DECOUPLEUR D'ISOLATEUR**
[72] SCHNEIDER, DEAN, US
[72] SERKH, ALEXANDER, US
[72] WARD, PETER, US
[73] GATES CORPORATION, US
[85] 2014-12-22
[86] 2013-04-22 (PCT/US2013/037515)
[87] (WO2014/007906)
[30] US (13/541,216) 2012-07-03

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[13] C
[51] **Int.Cl. G08C 17/02 (2006.01) H04W 8/26 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION NETWORK POWER OPTIMIZATION FOR CONTROL OF INDUSTRIAL EQUIPMENT IN HARSH ENVIRONMENTS**
[54] **OPTIMISATION DE LA PUISSANCE D'UN RESEAU DE COMMUNICATION SANS FIL POUR LA COMMANDE D'EQUIPEMENT INDUSTRIEL DANS DES ENVIRONNEMENTS HOSTILES**
[72] DINA, DANIEL, US
[72] DOWNIE, KATHY LEE, US
[73] ILLNOIS TOOL WORKS INC., US
[85] 2014-12-29
[86] 2013-08-14 (PCT/US2013/055007)
[87] (WO2014/028661)
[30] US (61/684,546) 2012-08-17
[30] US (13/795,875) 2013-03-12

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[13] C
[51] **Int.Cl. C22C 38/14 (2006.01) B21B 3/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01)**
[25] EN
[54] **STEEL MATERIAL**
[54] **MATERIAU EN ACIER**
[72] KAWANO, KAORI, JP
[72] TASAKA, MASAHITO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] TANAKA, YASUAKI, JP
[72] TOMIDA, TOSHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-01-08
[86] 2013-07-22 (PCT/JP2013/069805)
[87] (WO2014/014120)
[30] JP (2012-161730) 2012-07-20

[11] **2,878,691**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **MULTI-FRAME PROSTHETIC VALVE APPARATUS AND METHODS**
[54] **APPAREIL DE VALVE PROTHETIQUE A ARMATURES MULTIPLES ET PROCEDES ASSOCIES**
[72] BRUCHMAN, WILLIAM C., US
[72] HARTMAN, CODY L., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-01-07
[86] 2013-07-22 (PCT/US2013/051431)
[87] (WO2014/018432)
[30] US (61/676,812) 2012-07-27
[30] US (13/797,526) 2013-03-12

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[13] C
[51] **Int.Cl. F15B 13/042 (2006.01) E02F 9/22 (2006.01) F15B 11/028 (2006.01)**
[25] EN
[54] **HYDRAULIC SYSTEM FOR CONSTRUCTION MACHINE**
[54] **SYSTEME HYDRAULIQUE POUR ENGIN DE CHANTIER**
[72] BAE, SANG-KI, KR
[72] LEE, JAE-HOON, KR
[73] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2015-01-14
[86] 2012-07-27 (PCT/KR2012/006024)
[87] (WO2014/017685)

[11] **2,879,205**
[13] C
[51] **Int.Cl. G01S 1/68 (2006.01) H04W 4/04 (2009.01) H04L 12/28 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEM FOR NETWORKING CONSUMER DEVICES**
[54] **PROCEDES ET SYSTEME DE MISE EN RESEAU DE DISPOSITIFS CLIENTS**
[72] APTE, RAJ B., US
[72] PAULSON, CHRISTOPHER, US
[72] HASENOEHRL, ERIK JOHN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-13
[86] 2013-07-17 (PCT/US2013/050824)
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[30] US (13/551,539) 2012-07-17

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[54] **METHOD AND COMPOSITIONS FOR REDUCING PORE SIZE, AND MOISTURIZING AND/OR BLURRING APPEARANCE OF DEFECTS ON KERATIN SURFACES**
[54] **PROCEDE ET COMPOSITIONS POUR REDUIRE LA TAILLE DES PORES, ET HYDRATER ET/OU EFFACER L'ASPECT DE DEFAUTS SUR DES SURFACES KERATINIQUES**
[72] MOHAMMADI, FATEMEH, US
[72] QU, LISA, US
[72] CZARNOTA, ANNA, US
[72] MOU, TSUNG-WEI ROBERT, US
[73] ELC MANAGEMENT LLC, US
[85] 2015-01-19
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[54] **METHOD OF USING A HANDHELD CHARACTERISTIC ANALYZER**
[54] **PROCEDE D'UTILISATION D'UN ANALYSEUR PORTATIF DE CARACTERISTIQUES**
[72] TUNHEIM, OLA, NO
[72] WEBSTER, MARSHALL EDWARD, US
[72] WACHTEL, ALEXIS, II, US
[72] FREESE, ROBERT P., US
[72] MACLENNAN, JAMES ROBERT, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-01-19
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[51] **Int.Cl. G06F 12/0806 (2016.01) H04L 12/879 (2013.01)**
[25] EN
[54] **NETWORK SERVICE SYSTEM AND METHOD WITH OFF-HEAP CACHING**
[54] **SYSTEME ET PROCEDE DE SERVICES RESEAU AVEC MISE EN ANTEMEMOIRE HORS TAS**
[72] SHAVER, MATTHEW D., US
[72] GUPTA, SACHIN, US
[73] YUME, INC., US
[85] 2015-01-27
[86] 2013-08-31 (PCT/US2013/057752)
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[54] **MODIFIED SHANK FASTENERS FOR ELECTROMAGNETIC EFFECT (EME) TECHNOLOGY**
[54] **FIXATIONS DE TIGE MODIFIEES POUR TECHNOLOGIE A EFFET ELECTROMAGNETIQUE**
[72] WHITLOCK, RICHARD P., US
[72] CORONADO, PETER A., US
[72] PACHECO AGOSTO, OMAR J., US
[72] WARE, MICHAEL H. E., US
[73] THE BOEING COMPANY, US
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[54] **EXTRACTING HIGH MOISTURE GRAIN FROM STORAGE BAGS**
[54] **EXTRACTION DE GRAINS A TENEUR ELEVEE EN HUMIDITE DE SACS D'ENTREPOSAGE**
[72] DEKONING, HUBERTUS, CA
[73] DEKONING, HUBERTUS, CA
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[54] **PRIORITIZED TOKEN BASED ARBITER AND METHOD**
[54] **ARBITRE BASE SUR UN JETON PRIORISE ET PROCEDE ASSOCIE**
[72] REILLY, CRAIG P., US
[72] BEKIARES, TYRONE D., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-02-05
[86] 2013-08-21 (PCT/US2013/055927)
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[54] **VACUUM MOTOR FOR OPERATION OF A LAVAGE SYSTEM**
[54] **MOTEUR A VIDE POUR UN SYSTEME DE LAVAGE**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
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[87] (2881266)
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[54] **MULTI-APPLICATION WORKFLOW INTEGRATION**
[54] **INTEGRATION DE FLUX DE TRAVAIL MULTI-APPLICATION**
[72] BUTH, STEVEN L., US
[73] BUTH, DIANE KRISTEN, US
[73] BUTH, STEVEN L., US
[85] 2015-02-06
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[25] EN
[54] **METHOD FOR PRODUCING CURVED PART, AND SKELETON STRUCTURE MEMBER OF BODY SHELL OF AUTOMOBILE**
[54] **PROCEDE DE FABRICATION DE COMPOSANT COURBE, ET ELEMENT STRUCTUREL A SQUELETTE POUR CAISSE DE CARROSSERIE D'AUTOMOBILE**
[72] ASO, TOSHIMITSU, JP
[72] TANAKA, YASUHARU, JP
[72] MIYAGI, TAKASHI, JP
[72] OGAWA, MISAO, JP
[72] KAWANO, KAZUYUKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-02-16
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[54] **DYNAMICALLY RE-CONFIGURED INCIDENT SCENE COMMUNICATION**
[54] **COMMUNICATION DE SCENE D'INCIDENT RECONFIGUREE DE MANIERE DYNAMIQUE**
[72] ECONOMY, GEORGE R., US
[72] MCDONALD, DANIEL J., US
[72] PICHA, DEAN M., US
[72] SHAHAF, MARK, US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **COMPOSITE REINFORCED HYBRID WOOD FLOOR WITH WOOD STRIPS ARRANGED IN A PATTERN FOR VEHICULAR TRAILERS**
[54] **PLANCHER DE BOIS HYBRIDE RENFORCE EN COMPOSITE COMPORTANT DES BANDES DE BOIS DISPOSEES DANS UN MOTIF POUR REMORQUES DE VEHICULE**
[72] PADMANABHAN, GOPALKRISHNA, US
[72] VANGILDER, JAMES N., US
[72] BADER, M. BRUCE, US
[73] HAVCO WOOD PRODUCTS, LLC, US
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[87] (2882846)
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[25] EN
[54] **THERMAL BARRIER COATING SYSTEMS AND METHODS OF MAKING AND USING THE SAME**
[54] **SYSTEMES DE REVETEMENT DE BARRIERE THERMIQUE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES DERNIERS**
[72] ROSENZWEIG, LARRY STEVEN, US
[72] RUUD, JAMES ANTHONY, US
[72] SIVARAMAKRISHNAN, SHANKAR, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **PICH-HS TIMING AND OPERATION**
[54] **SYNCHRONISATION ET FONCTIONNEMENT DU PICH-HS**
[72] GHOLMIEH, AZIZ, US
[72] GRILLI, FRANCESCO, US
[72] CHAPONNIERE, ETIENNE F., US
[72] FLORE, ORONZO, US
[73] QUALCOMM INCORPORATED, US
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[25] EN
[54] **METHOD AND APPARATUS FOR ENABLING EFFICIENT BATTERY USE ON A DUAL MODE COMMUNICATION DEVICE**
[54] **PROCEDE ET APPAREIL POUR PERMETTRE UNE UTILISATION DE BATTERIE EFFICACE SUR UN DISPOSITIF DE COMMUNICATION A DOUBLE MODE**
[72] SHAHAF, MARK., US
[72] SENESE, THOMAS J., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-03-05
[86] 2013-09-18 (PCT/US2013/060450)
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[25] EN
[54] **SULFONATED POLYARYLENE ETHER COMPOSITE SEPERATION MEMBRANE**
[54] **MEMBRANE DE SEPARATION DE COMPOSITE D'ETHER POLYARYLENE SULFONATE**
[72] OHKAME, TAKASHI, JP
[72] NAKAO, TAKAHITO, JP
[72] WATANUKI, SEIJI, JP
[73] TOYOBO CO., LTD., JP
[85] 2015-03-11
[86] 2013-08-20 (PCT/JP2013/072154)
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[30] JP (2012-221891) 2012-10-04

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[51] **Int.Cl. A61K 9/16 (2006.01) A61K 9/00 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **TIMED, PULSATILE RELEASE SYSTEMS**
[54] **SYSTEMES DE LIBERATION CHRONOCONTROLEE PAR IMPULSIONS**
[72] VENKATESH, GOPI, US
[73] ADARE PHARMACEUTICALS, INC., US
[86] (2884901)
[87] (2884901)
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[25] EN
[54] **SUPPORT MEANS FOR A LIFT INSTALLATION**
[54] **MOYEN DE SUSPENSION POUR UN SYSTEME D'ASCENSEUR**
[72] DOLD, FLORIAN, CH
[73] INVENTIO AG, CH
[85] 2015-03-13
[86] 2013-10-21 (PCT/EP2013/071910)
[87] (WO2014/064021)
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[51] **Int.Cl. B66B 7/06 (2006.01) B66B 7/12 (2006.01)**
[25] EN
[54] **MONITORING OF SUPPORT MEANS IN LIFT INSTALLATIONS**
[54] **SURVEILLANCE DE MOYENS PORTEURS DANS DES INSTALLATIONS D'ASCENSEUR**
[72] DOLD, FLORIAN, CH
[72] ZAPF, VOLKER, CH
[72] NEUMANN-HENNEBERG, WOLF, DE
[73] INVENTIO AG, CH
[85] 2015-03-13
[86] 2013-10-21 (PCT/EP2013/071911)
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[54] **MULTIPLEXING DEMODULATION REFERENCE SIGNALS IN WIRELESS COMMUNICATIONS**
[54] **MULTIPLEXAGE DE SIGNAUX DE REFERENCE DE DEMODULATION DANS DES COMMUNICATIONS SANS FIL**
[72] LUO, XILIANG, US
[72] CHEN, WANSHI, US
[72] ZHANG, XIAOXIA, US
[72] GAAL, PETER, US
[72] MONTOJO, JUAN, US
[73] QUALCOMM INCORPORATED, US
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[25] EN
[54] **HEAT TRANSFER PLATE AND PLATE HEAT EXCHANGER COMPRISING SUCH A HEAT TRANSFER PLATE**
[54] **PLAQUE DE TRANSFERT DE CHALEUR ET ECHANGEUR DE CHALEUR A PLAQUE COMPRENANT LADITE PLAQUE DE TRANSFERT DE CHALEUR**
[72] HEDBERG, MAGNUS, SE
[72] NILSSON, JOHAN, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2015-03-18
[86] 2013-10-10 (PCT/EP2013/071149)
[87] (WO2014/067757)
[30] EP (12190493.2) 2012-10-30

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[13] C
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 49/08 (2006.01)**
[25] EN
[54] **REMOTE SENSING METHODS AND SYSTEMS USING NONLINEAR LIGHT CONVERSION AND SENSE SIGNAL TRANSFORMATION**
[54] **PROCEDES ET SYSTEMES DE DETECTION A DISTANCE QUI UTILISENT UNE CONVERSION DE LUMIERE NON LINEAIRE ET UNE TRANSFORMATION DE SIGNAL DE DETECTION**
[72] SAMSON, ETIENNE M., US
[72] MANDVIWALA, TASNEEM A., US
[72] FREESE, ROBERT P., US
[72] PERKINS, DAVID L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-20
[86] 2013-09-05 (PCT/US2013/058125)
[87] (WO2014/099053)
[30] US (13/726,041) 2012-12-22

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[25] EN
[54] **END MILLING CUTTER FOR PROCESSING OF FIBER-REINFORCED MATERIALS SUCH AS CARBON-FIBER REINFORCED PLASTICS (CFRP)**
[54] **FRAISE A QUEUE POUR LE TRAITEMENT DE MATERIAUX RENFORCES DE FIBRES COMME DES MATIERES PLASTIQUES RENFORCEES PAR DES FIBRES DE CARBONE**
[72] HUFSCHMIED, RALPH, DE
[73] HUFSCHMIED ZERSPANUNGSSYSTEME GMBH, DE
[85] 2015-03-27
[86] 2013-09-27 (PCT/EP2013/002912)
[87] (WO2014/056582)
[30] DE (10 2012 019 804.3) 2012-10-10

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[51] **Int.Cl. H04W 4/22 (2009.01) G06Q 10/06 (2012.01) G06Q 50/10 (2012.01) H04M 11/04 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SUPPORTING CROSS JURISDICTIONAL MUTUAL AID REQUESTS**
[54] **PROCEDE ET APPAREIL POUR PRENDRE EN CHARGE DES REQUETES D'AIDE MUTUELLE ENTRE PALIERS DE GOUVERNEMENT**
[72] MAROCCHI, JAMES A., US
[72] CHEN, ETHAN Y., US
[72] SCHULER, FRANCESCA, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-03-27
[86] 2013-10-09 (PCT/US2013/064030)
[87] (WO2014/066043)
[30] US (13/660,528) 2012-10-25

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[51] **Int.Cl. E04H 7/18 (2006.01) E04H 7/06 (2006.01)**
[25] EN
[54] **METHOD FOR CONSTRUCTING CYLINDRICAL TANK**
[54] **PROCEDE DE CONSTRUCTION D'UN RESERVOIR CYLINDRIQUE**
[72] SHIOMI, HIROSHI, JP
[72] KATSUYAMA, NORIYUKI, JP
[72] UCHIYAMA, NORIO, JP
[72] NAGUMO, SATORU, JP
[72] TAKAHASHI, MASAKI, JP
[73] IHI CORPORATION, JP
[85] 2015-03-30
[86] 2013-06-28 (PCT/JP2013/067853)
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[25] EN
[54] **KNITTED COMPRESSION GARMENT AND METHOD OF KNITTING SAME**
[54] **VETEMENT DE COMPRESSION TRICOTE ET PROCEDE PERMETTANT DE TRICOTER CE DERNIER**
[72] COLLINS, LARRY WAYNE, US
[72] BAUER, JOACHIM DIETMAR ADOLF, DE
[72] TUCKER, KEVIN MICHAEL, US
[72] CLARK, PHILLIP TODD, US
[73] BSN MEDICAL, INC., US
[85] 2015-04-01
[86] 2013-01-08 (PCT/US2013/020621)
[87] (WO2014/098928)
[30] US (13/724,045) 2012-12-21

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[51] **Int.Cl. H01B 13/02 (2006.01) H01B 7/04 (2006.01) H05B 3/56 (2006.01)**
[25] EN
[54] **CONDUCTIVE YARN AND APPARATUS FOR MAKING THE SAME**
[54] **FIL CONDUCTEUR ET APPAREIL DE FABRICATION DUDIT FIL**
[72] CHI-HSUEH, RICHARD, US
[73] APOLLO SUN GLOBAL CO. LTD., US
[86] (2887712)
[87] (2887712)
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[25] EN
[54] **HIGH-TEMPERATURE PROCESSING FURNACE AND REINFORCEMENT FIBER JOINING METHOD**
[54] **FOUR DE TRAITEMENT A HAUTE TEMPERATURE ET PROCEDE DE FIXATION DE FIBRES DE RENFORCEMENT**
[72] NAKADA, YUKIHIRO, JP
[72] WATANABE, KENICHIRO, JP
[72] MURATA, HIROSHIGE, JP
[73] IHI CORPORATION, JP
[85] 2015-04-09
[86] 2013-09-30 (PCT/JP2013/076498)
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[54] **ELECTRONIC WIRE BRIDGE WITH SAFETY CIRCUIT**
[54] **PONT A FIL ELECTRONIQUE COMPRENANT UN CIRCUIT DE SECURITE**
[72] REES, GERALD M., US
[72] NOWEL, EDWARD, US
[73] INVENTIO AG, CH
[85] 2015-04-08
[86] 2013-10-22 (PCT/EP2013/072090)
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[51] **Int.Cl. F25B 21/02 (2006.01) A47B 31/02 (2006.01) B64D 11/04 (2006.01)**
[25] EN
[54] **THERMOELECTRIC COOLING DEVICE INCLUDING A LIQUID HEAT EXCHANGER DISPOSED BETWEEN AIR HEAT EXCHANGERS**
[54] **DISPOSITIF DE REFROIDISSEMENT THERMOELECTRIQUE COMPRENANT UN ECHANGEUR DE CHALEUR A LIQUIDE DISPOSE ENTRE DES ECHANGEURS DE CHALEUR A AIR**
[72] HOU, KAI S., US
[72] LU, QIAO, US
[72] STOEBNER, EDWARD M., US
[72] GARY, PATRICIA, US
[72] GODECKER, WILLIAM, US
[72] MICKELSON, ERIC, US
[73] B/E AEROSPACE, INC., US
[85] 2015-04-10
[86] 2013-11-04 (PCT/US2013/068302)
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[25] EN
[54] **GLUCOPYRANOSYL DERIVATIVES AND THEIR USES IN MEDICINE**
[54] **DERIVES DE GLUCOPYRANOSYL ET LEURS UTILISATIONS EN MEDECINE**
[72] WEI, YONGGANG, CN
[72] WEN, JIAPING, CN
[72] ZHU, GUOZHI, CN
[72] LU, YONGHUA, CN
[72] WANG, HERAN, CN
[72] WANG, YINCAI, CN
[72] YUAN, MINGYUN, CN
[72] GU, ZHENG, CN
[72] WU, WUYONG, CN
[72] KANG, PANPAN, CN
[72] ZHANG, ZONGYUAN, CN
[72] CHEN, GANG, CN
[72] TANG, PENGCHO, CN
[73] SUNSHINE LAKE PHARMA CO., LTD., CN
[85] 2015-04-27
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[25] EN
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[54] **SYSTEME DE LEVAGE DE TUBULAIRES HYDROSTATIQUE**
[72] MOUTON, DAVID E., US
[72] AMEZAGA, FEDERICO, US
[72] HOLLINGSWORTH, JIM, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-04-29
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[54] **METHODE ET APPAREIL DE SUSPENSION VERTICALE D'UNE JARDINIERE**
[72] NELSON, MIGUEL E., US
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[73] WOOLLY POCKET, LLC, US
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[54] **SYSTEME ET PROCEDE DE MESSAGERIE FIABLE ENTRE DES SESSIONS D'APPLICATION DANS DES CONDITIONS DE MISE EN RESEAU VOLATILES**
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[54] **POMPE A CAVITE PROGRESSIVE ET PROCEDE D'ACTIONNEMENT DE CELLE-CI DANS DES TROUS DE FORAGE**
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[54] **APPAREIL ET METHODE DE DISTRIBUTION D'UNE BACHE SUR UN CHARGEMENT D'UNE PLATE-FORME DE CAMION**
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[54] **PROCEDE ET APPAREIL DE GRANULATION PAR VOIE SECHE DE LAITIER AVEC FORMATION REDUITE DE LAINE DE LAITIER**
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[72] MOSTAGHEL, SINA, CA
[72] SO, LAI CHI, CA
[72] HERNANDEZ, VICTOR, CA
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[72] PAI, MADHUSUDAN, US
[72] SHETTI, SHRINIVAS, IN
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[54] **MEMBRANE DE DETECTION DE MAGNESIUM POUR ELECTRODE SELECTIVE D'ION POTENTIOMETRIQUE POUR MESURER LE MAGNESIUM IONISE ET PROCEDES DE PRODUCTION ET D'UTILISATION ASSOCIES**
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[73] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[73] ROCKPORT NETWORKS INC., CA
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[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
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[72] SAFAEE, ALIREZA, US
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[71] RPF DEVELOPMENTS LTD., GB
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[72] FRIESEN, DEAN, CA
[72] CHIVILO, STEVEN PETER, CA
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[25] EN
[54] **WIRELESS TELEMETRY AND MONITORING OF DREDGES**
[54] **TELEMETRIE SANS FIL ET SURVEILLANCE DES DRAGAGES**
[72] BRAD, HENDERSON, CA
[71] NOTUS ELECTRONICS LTD, CA
[22] 2015-11-24
[41] 2017-05-24

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[54] **BOLT CARRIER**
[54] **PORTE-BOULON**
[72] OGLESBY, PAUL ARTHUR, GB
[71] OGLESBY, PAUL ARTHUR, GB
[22] 2015-11-24
[41] 2017-05-24

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[51] **Int.Cl. E21B 17/07 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **LENGTH-ADJUSTABLE CONNECTOR FOR A DOWNHOLE TOOL**
[54] **CONNECTEUR A LONGUEUR REGLABLE DESTINE A UN OUTIL DE FOND DE TROU**
[72] JOHNSON, ORREN, CA
[71] CANAMERA CORING INC., CA
[22] 2015-11-25
[41] 2017-05-25

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[51] **Int.Cl. F41A 21/28 (2006.01) F41A 21/30 (2006.01) F41A 21/32 (2006.01) F41A 21/34 (2006.01)**
[25] EN
[54] **FIREARM SUPPRESSOR AND METHOD OF OPERATION**
[54] **SUPPRESSEUR D'ARME A FEU ET METHODE D'UTILISATION**
[72] GROVES, GREYSON BLAINE, CA
[71] COLT CANADA CORPORATION, CA
[22] 2015-11-23
[41] 2017-05-23

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[13] A1
[51] **Int.Cl. C08J 3/20 (2006.01) C08K 5/52 (2006.01) C08L 23/08 (2006.01)**
[25] EN
[54] **PHENOL FREE STABILIZATION OF POLYETHYLENE**
[54] **STABILISATION DE POLYETHYLENE EXEMPTE DE PHENOL**
[72] WALDIE, FRASER D. COLE, CA
[72] LIGHTBODY, OWEN C., CA
[72] TIKUISIS, TONY, CA
[72] CHISHOLM, P. SCOTT, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2015-11-25
[41] 2017-05-25

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[13] A1
[51] **Int.Cl. G08G 1/09 (2006.01) G08G 1/07 (2006.01)**
[25] EN
[54] **REMOTE CONTROLLED MOBILE TRAFFIC CONTROL SYSTEM AND METHOD**
[54] **SYSTEME DE CONTROLE DE LA CIRCULATION MOBILE TELECOMMANDE ET METHODE**
[72] BEAULIEU, LEO, CA
[71] BEAULIEU, LEO, CA
[22] 2015-11-27
[41] 2017-05-27

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[13] A1
[51] **Int.Cl. B23K 9/04 (2006.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B23P 17/00 (2006.01) B23Q 33/00 (2006.01)**
[25] EN
[54] **3D METAL PRINTING DEVICE AND PROCESS**
[54] **DISPOSITIF D'IMPRESSION 3D SUR DU METAL ET PROCEDE**
[72] MCQUEEN, JAMES, US
[72] ZIEMER, DANIEL T., US
[72] ZIEMER, MATTHEW W., US
[72] IVES, JACOB THOMAS, US
[72] IKONOMOV, PAVEL, US
[71] THE BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY, US
[22] 2015-11-24
[41] 2017-05-24

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[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **SYSTEM FOR GENERATING EMPLOYEE CONFIRMATION SIGNATURE PAGES**
[54] **SYSTEME DE GENERATION DE PAGES DE SIGNATURE DE CONFIRMATION D'EMPLOYE**
[72] GILBERTSON, DOUGLAS, CA
[71] GILBERTSON, DOUGLAS, CA
[22] 2015-11-27
[41] 2017-05-27

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[51] **Int.Cl. A61B 5/0488 (2006.01) A41D 13/00 (2006.01) A61B 5/00 (2006.01) A61B 5/0492 (2006.01) A61B 5/08 (2006.01) A61B 5/11 (2006.01) A61H 99/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE MONITORING AND ANALYSIS OF JOINT INJURIES AND DISEASE**
[54] **METHODE ET SYSTEME DE SURVEILLANCE ET ANALYSE DE BLESSURES ET MALADIES DES ARTICULATIONS**
[72] UNKNOWN, ZZ
[71] BAKKER, RYAN, CA
[22] 2015-11-26
[41] 2017-05-26

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[13] A1
[51] **Int.Cl. B24B 3/60 (2006.01)**
[25] EN
[54] **A SHARPENER FOR SHARPENING SCREWDRIVERS AND A METHOD OF USING SAME**
[54] **UN AFFUTEUR DESTINE A AFFUTER LES TOURNEVIS ET UNE METHODE D'UTILISATION ASSOCIEE**
[72] MATTHEWS, SHANE, CA
[71] MATTHEWS, SHANE, CA
[22] 2015-11-26
[41] 2017-05-26

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[51] **Int.Cl. C04B 28/02 (2006.01) C04B 7/147 (2006.01) C04B 7/24 (2006.01) C04B 28/08 (2006.01)**
[25] EN
[54] **CHEMICALLY ACTIVATED CEMENT USING INDUSTRIAL WASTE**
[54] **CIMENT ACTIVE CHIMIQUEMENT AU MOYEN DE DECHETS INDUSTRIELS**
[72] NATARAJAN, RAMKUMAR, IN
[72] THIYAGARAJAN, SATHEESH KUMAR KARTHEESAN, IN
[71] EKO TECH4TRANS PVT LTD., IN
[22] 2015-11-26
[41] 2017-05-26

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[13] A1
[51] **Int.Cl. A63B 71/06 (2006.01) A63B 60/06 (2015.01) A63B 60/46 (2015.01) A63B 49/00 (2015.01)**
[25] EN
[54] **TENNIS RACKET HANDLE SCORE KEEPER**
[54] **ENREGISTREUR DE POINTAGE SUR LE MANCHE DE LA RAQUETTE DE TENNIS**
[72] TALEVI, KEVIN J., CA
[71] TALEVI, KEVIN J., CA
[22] 2015-11-25
[41] 2017-05-25

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[51] **Int.Cl. F16M 13/04 (2006.01)**
[25] EN
[54] **MOUNT FOR A CAMERA TO BE CARRIED ON A BODY-SUPPORTED COMPUTER**
[54] **FIXATION DE CAMERA A PORTER SUR UN ORDINATEUR PORTE AU CORPS**
[72] KIELLAND, PETER JOHANN, CA
[71] KIELLAND, PETER JOHANN, CA
[22] 2015-11-26
[41] 2017-05-26

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[13] A1
[51] **Int.Cl. F24F 7/02 (2006.01)**
[25] EN
[54] **OFF PEAK TOP VENTING ROOF VENT**
[54] **EVENT DE TOIT DE VENTILATION DE FAITE DECALE**
[72] MANTYLA, JAMES, CA
[72] BALDWIN, SCOTT, CA
[72] BAYLEY, JEFF, CA
[71] CANPLAS INDUSTRIES LTD., CA
[22] 2015-11-25
[41] 2017-05-25

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[51] **Int.Cl. B08B 15/00 (2006.01) A61G 10/02 (2006.01) A61L 9/00 (2006.01)**
[25] EN
[54] **INFECTION CONTROL VENT HOOD**
[54] **HOTTE DE VENTILATION A CONTROLE D'INFECTION**
[72] WILSON, BRIAN, CA
[71] WILSON, BRIAN, CA
[22] 2015-11-26
[41] 2017-05-26

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[13] A1
[51] **Int.Cl. G11C 7/00 (2006.01) G06F 12/00 (2006.01) G07C 5/00 (2006.01) G11C 5/00 (2006.01)**
[25] EN
[54] **MEMORY READOUT SYSTEM (HARDWARE, FIRMWARE AND SOFTWARE) FOR A UNIVERSAL FLIGHT DATA RECORDER AND COCKPIT VOICE RECORDER**
[54] **SYSTEME DE LECTURE DE MEMOIRE (MATERIEL, PROGICIEL ET LOGICIEL) DESTINE A UN ENREGISTREUR DE DONNEES DE VOL UNIVERSEL ET A UN ENREGISTREUR VOCAL DE CABINE DE PILOTAGE**
[72] POOLE, MICHAEL R., CA
[71] PLANE SCIENCES INC., CA
[22] 2015-11-27
[41] 2017-05-27

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[13] A1
[51] **Int.Cl. E06B 3/70 (2006.01) E06B 3/10 (2006.01)**
[25] FR
[54] **HIGHLY ENERGY EFFICIENT DOOR**
[54] **PORTE A HAUTE EFFICACITE ENERGETIQUE**
[72] BOURASSA, MATHIEU, CA
[72] BOURASSA, ALAIN, CA
[71] LES PORTES ALAIN BOURASSA INC., CA
[22] 2015-11-23
[41] 2017-05-23

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[13] A1
[51] **Int.Cl. E06B 3/70 (2006.01) E06B 3/10 (2006.01)**
[25] FR
[54] **ANTI-WARPING SYSTEM FOR A SOLID WOOD DOOR**
[54] **SYSTEME ANTI-GAUCHISSEMENT POUR PORTE EN BOIS MASSIF**
[72] BOURASSA, MATHIEU, CA
[72] BOURASSA, ALAIN, CA
[71] LES PORTES ALAIN BOURASSA INC., CA
[22] 2015-11-23
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[51] **Int.Cl. A45F 3/00 (2006.01) E04F 10/00 (2006.01) E04H 15/00 (2006.01) E04H 17/00 (2006.01)**
[25] EN
[54] **PORTABLE, COLLAPSIBLE WIND SCREEN**
[54] **PARE-VENT ECRASABLE PORTATIF**
[72] OGILVIE, JAMES ALLEN, US
[71] OGILVIE, JAMES ALLEN, US
[22] 2015-11-26
[41] 2017-05-26

[21] **2,913,442**
[13] A1
[51] **Int.Cl. A47G 25/00 (2006.01)**
[25] EN
[54] **REUSABLE HANGING DEVICE**
[54] **DISPOSITIF DE SUSPENSION REUTILISABLE**
[72] TSENG, CHENG-TA, TW
[72] YEH, TSO-HUA, TW
[71] TSENG, CHENG-TA, TW
[71] YEH, TSO-HUA, TW
[22] 2015-11-26
[41] 2017-05-26

[21] **2,913,473**
[13] A1
[51] **Int.Cl. B60H 1/32 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COOLING AND HEATING IN VEHICLES**
[54] **METHODE ET APPAREIL DE CLIMATISATION ET CHAUFFAGE DANS LES VEHICULES**
[72] GOTMALM, CHRISTER, CA
[71] GOTMALM, CHRISTER, CA
[22] 2015-11-27
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[13] A1
[51] **Int.Cl. H04B 17/40 (2015.01) H04B 7/185 (2006.01)**
[25] EN
[54] **SATELLITE COMMUNICATIONS SUBSYSTEM IN-ORBIT VERIFICATION SYSTEM AND METHODOLOGIES**
[54] **DISPOSITIF DE VERIFICATION EN ORBITE DE SOUS-SYSTEME DE COMMUNICATION PAR SATELLITE ET METHODOLOGIES**
[72] REID, STEPHEN, CA
[72] YIP, ROGER, CA
[71] TELESAT CANADA, CA
[22] 2015-11-27
[41] 2017-05-27

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[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **RECOVERY OF HYDROCARBONS FROM UNDERGROUND RESERVOIRS**
[54] **RECUPERATION DES HYDROCARBURES DES RESERVOIRS SOUTERRAINS**
[72] DUNCAN, GRANT, CA
[71] SUNCOR ENERGY INC., CA
[22] 2015-11-27
[41] 2017-05-27

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[13] A1
[51] **Int.Cl. B60N 2/60 (2006.01)**
[25] EN
[54] **DEPLOYABLE SEAT COVER**
[54] **COUVRE-SIEGE DEPLOYABLE**
[72] CARR, JASON DAVID, AU
[72] PAWSEY, MARK RAYMAN, AU
[71] WHO-RAE PTY LTD., AU
[22] 2015-12-04
[41] 2017-05-25
[30] AU (2015261603) 2015-11-25

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[51] **Int.Cl. B61C 15/00 (2006.01) B61C 17/00 (2006.01) H02P 9/04 (2006.01)**
[25] EN
[54] **IDLE AND COLD-START START ELIMINATION SYSTEM IN LOCOMOTIVES**
[54] **SYSTEME D'ELIMINATION DE DEMARRAGE AU RALENTI ET A FROID POUR LES LOCOMOTIVES**
[72] GOTMALM, CHRISTER, CA
[72] MANCUSO, JAMES, CA
[71] IMPCO TECHNOLOGIES CANADA INC., CA
[22] 2015-11-27
[41] 2017-05-27

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[13] A1
[51] **Int.Cl. B09B 3/00 (2006.01) A62D 3/00 (2007.01)**
[25] EN
[54] **SOLIDIFICATION OF WASTE BRINE FROM IN SITU HYDROCARBON RECOVERY OPERATIONS WITH INSULATION MATERIAL**
[54] **SOLIDIFICATION DE SAUMURE RESIDUELLE DES OPERATIONS DE RECUPERATION D'HYDROCARBURE SUR PLACE AU MOYEN DE MATERIAU ISOLANT**
[72] PERNITSKY, DAVID, CA
[72] SELINGER, ANITA, CA
[72] OMOTOSO, OLADIPO, CA
[72] ARMSTRONG, COLLIN, CA
[71] SUNCOR ENERGY INC., CA
[22] 2015-11-26
[41] 2017-05-26

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[51] **Int.Cl. F17D 3/16 (2006.01)**
[25] EN
[54] **EXAMINATION PROCESS AND SYSTEM FOR THE IN SITU DETERMINATION OF RATE OF FEEDING AN INHIBITOR INTO A GAS PIPELINE FOR PREVENTING HYDRATE FORMATION**
[54] **PROCEDE D'EXAMEN ET SYSTEME DE DETERMINATION SUR PLACE DU TAUX D'ALIMENTATION D'UN INHIBITEUR DANS UNE CANALISATION DE GAZ EN VUE DE PREVENIR LA FORMATION D'HYDRATE**
[72] FARKAS, PAL, HU
[71] FARKAS, PAL, HU
[22] 2015-12-17
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[30] HU (P1500554) 2015-11-24

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[13] A1
[51] **Int.Cl. E01F 9/627 (2016.01) E01F 15/00 (2006.01)**
[25] EN
[54] **IMPROVED PARKING BARRIER SYSTEM AND POST**
[54] **SYSTEME DE BARRIERE DE STATIONNEMENT AMELIOREE ET POTEAU**
[72] PAVEY, PETER, AU
[71] INDUSTRIAL GALVANIZERS CORPORATION PTY LTD, AU
[22] 2016-04-06
[41] 2017-05-27
[30] AU (2015261682) 2015-11-27

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[51] **Int.Cl. A41D 13/005 (2006.01)**
[25] EN
[54] **ELECTRIC GARMENT**
[54] **VETEMENT ELECTRIFIE**
[72] YUE, STEVEN, TW
[71] YUE, STEVEN, TW
[22] 2016-04-19
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[30] TW (104139322) 2015-11-26

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[13] A1
[51] **Int.Cl. G02B 27/22 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **STEREOSCOPIC VIEWING OF AN IMAGE ON A BODY SUPPORTED COMPUTER**
[54] **AFFICHAGE STEREOSCOPIQUE D'UNE IMAGE SUR UN ORDINATEUR PORTE AU CORPS**
[72] KIELLAND, PETER JOHANN, CA
[71] KIELLAND, PETER JOHANN, CA
[22] 2016-07-05
[41] 2017-05-26
[30] CA (2913369) 2015-11-26

[21] **2,936,280**
[13] A1
[51] **Int.Cl. E21B 23/00 (2006.01) E21B 29/00 (2006.01) E21B 31/00 (2006.01)**
[25] EN
[54] **TOOL FOR UNDERGROUND SET-POINT SLEEVE EXTRACTION AND METHOD FOR USING THE SAME**
[54] **OUTIL D'EXTRACTION DE MANCHON SOUTERRAIN AU POINT DE CONSIGNE ET METHODE D'UTILISATION ASSOCIEE**
[72] LIU, JIANYONG, CN
[72] WANG, JIE, CN
[72] WEI, HOUCHAO, CN
[72] LIU, JIHAI, CN
[72] MA, HAIYU, CN
[72] YAN, PENGAO, CN
[72] MENG, GANG, CN
[72] XING, DELI, CN
[72] ZHANG, HONGBIN, CN
[72] LIU, XIN, CN
[72] LIU, XUEQIAO, CN
[72] MENG, FANJU, CN
[72] YAN, XINGWEI, CN
[72] ZHANG, DEPEI, CN
[72] WU, MINGZE, CN
[72] AN, BAIZHENG, CN
[72] AN, JIANING, CN
[72] YU, HUIMING, CN
[72] YANG, BINYU, CN
[72] HU, XIANYU, CN
[72] ZHAO, DANFENG, CN
[72] LIU, MINGKUN, CN
[72] YANG, YANG, CN
[71] PANJIN YONGSHENGLI OIL TECHNOLOGY DEVELOPMENT CO., LTD., CN
[22] 2016-07-18
[41] 2017-05-24
[30] CN (201510833761.X) 2015-11-24

[21] **2,938,808**
[13] A1
[51] **Int.Cl. C10G 51/04 (2006.01)**
[25] EN
[54] **DELAYED COKING PROCESS WITH PRE-CRACKING REACTOR**
[54] **PROCEDE DE CUISSON RETARDE AU MOYEN D'UN REACTEUR DE PRE-CRAQUAGE**
[72] KUMAR, BRIJESH, IN
[72] DAS, SATYEN KUMAR, IN
[72] PRADEEP, PONOLY RAMACHANDRAN, IN
[72] PRASAD, TERAPALLI HARI VENKATA DEVI, IN
[72] HARIPRASADGUPTA, BANDARU VENKATA, IN
[72] DIXIT, JAGDEV KUMAR, IN
[72] THAPA, GAUTAM, IN
[72] BHATTACHARYYA, DEBASIS, IN
[72] DAS, BISWAPRIYA, IN
[72] RAJESH, IN
[71] INDIAN OIL CORPORATION LIMITED, IN
[22] 2016-08-11
[41] 2017-05-23
[30] IN (4398/MUM/2015) 2015-11-23

[21] **2,940,818**
[13] A1
[51] **Int.Cl. F16B 5/01 (2006.01)**
[25] EN
[54] **AUTOMATED FASTENER INSERT INSTALLATION SYSTEM FOR COMPOSITE PANELS**
[54] **SYSTEME D'INSTALLATION D'INSERTION DE FIXATION AUTOMATISE DESTINE A DES PANNEAUX EN COMPOSITE**
[72] COON, AARON, US
[72] MCINELLY, CHRIS G., US
[72] HOEKSEMA, BRET, US
[72] LILLIBRIDGE, RYAN, US
[72] ALLEN, TOM, US
[72] SOLACK, STEVE, US
[72] BOWE, KEVIN, US
[72] ALLEN, GARY K., US
[71] THE BOEING COMPANY, US
[22] 2016-08-31
[41] 2017-05-23
[30] US (14/949,384) 2015-11-23

[21] **2,941,144**
[13] A1
[51] **Int.Cl. B23P 19/04 (2006.01) B23P 21/00 (2006.01) B25J 9/18 (2006.01) B25J 19/00 (2006.01) B32B 3/06 (2006.01) B32B 3/08 (2006.01) B32B 38/00 (2006.01) B32B 3/12 (2006.01)**
[25] EN
[54] **AUTOMATED FASTENER INSERT INSTALLATION SYSTEM FOR COMPOSITE PANELS**
[54] **SYSTEME D'INSTALLATION D'INSERTION DE FIXATION AUTOMATISE DESTINE A DES PANNEAUX EN COMPOSITE**
[72] COON, AARON, US
[72] MCINELLY, CHRIS G., US
[72] HOEKSEMA, BRET, US
[72] LILLIBRIDGE, RYAN, US
[72] ALLEN, TOM, US
[72] SOLACK, STEVE, US
[72] BOWE, KEVIN, US
[72] ALLEN, GARY K., US
[71] THE BOEING COMPANY, US
[22] 2016-09-06
[41] 2017-05-23
[30] US (14/949,278) 2015-11-23

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[13] A1
[51] **Int.Cl. E21B 33/06 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **SPHERICAL BLOW OUT PREVENTER ANNULAR SEAL**
[54] **JOINT ANNULAIRE SPHERIQUE DE BLOC OBTURATEUR DE PUITS**
[72] HASHEMIAN, MEHDI, US
[72] HAGEN, ANDREAS, DE
[72] NEUMANN, CHRISTOPHER, DE
[72] ALTMUELLER, BERND, DE
[71] FREUDENBERG OIL & GAS, LLC, US
[22] 2016-09-13
[41] 2017-05-24
[30] US (14/950,330) 2015-11-24

[21] **2,941,819**
[13] A1
[51] **Int.Cl. B64D 11/04 (2006.01)**
[25] EN
[54] **GALLEY SYSTEM OF AN AIRCRAFT**
[54] **SYSTEME D'OFFICE DESTINE A UN AERONEF**
[72] MORAN, THOMAS JOSEPH, US
[71] THE BOEING COMPANY, US
[22] 2016-09-13
[41] 2017-05-23
[30] US (14/949,483) 2015-11-23

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[13] A1
[51] **Int.Cl. F01D 25/00 (2006.01) F02C 7/00 (2006.01) H01L 35/02 (2006.01) H02N 11/00 (2006.01)**
[25] EN
[54] **THERMAL ELECTRIC ASSEMBLY ATTACHED ON AN OUTER SURFACE OF A HOT SECTION OF A GAS TURBINE ENGINE TO GENERATE ELECTRICAL POWER**
[54] **DISPOSITIF THERMOELECTRIQUE FIXE A UNE SURFACE EXTERIEURE D'UNE SECTION CHAUDE D'UN MOTEUR DE TURBINE A GAZ EN VUE DE PRODUIRE DE L'ELECTRICITE**
[72] PECK, JAMES L., JR., US
[72] QUIAMBAO, JIMMY M., US
[71] THE BOEING COMPANY, US
[22] 2016-09-13
[41] 2017-05-25
[30] US (14/952,166) 2015-11-25

[21] **2,942,396**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **IMAGE-BASED SEARCH ENGINE**
[54] **MOTEUR DE RECHERCHE FONDE SUR UNE IMAGE**
[72] BARRE, BENJAMIN, CA
[71] VIA CAPITALE, CA
[22] 2016-09-19
[41] 2017-05-24
[30] US (62259436) 2015-11-24

[21] **2,942,660**
[13] A1
[51] **Int.Cl. B60P 7/04 (2006.01) B60J 11/06 (2006.01)**
[25] EN
[54] **A TONNEAU COVER SYSTEM FOR A CARGO BOX WITH SIDE RAIL END PLUGS WITH EXTERNAL MOUNTING EXTENSIONS**
[54] **UN MECANISME DE REVETEMENT DE TONNEAU DESTINE A UNE BOITE DE TRANSPORT DOTEE DE CAPUCHONS D'EXTREMITE DE GLISSIERE LATERALE A RALLONGES DE FIXATION EXTERNES**
[72] CARLSON, JOEL L., US
[71] TRUXEDO, INC., US
[22] 2016-09-20
[41] 2017-05-23
[30] US (14/948,615) 2015-11-23

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[13] A1
[51] **Int.Cl. F01D 5/20 (2006.01) F01D 5/14 (2006.01) F01D 11/08 (2006.01) F02C 9/16 (2006.01)**
[25] EN
[54] **TURBINE ENGINE FLOW PATH**
[54] **CHEMIN D'ECOULEMENT DE MOTEUR DE TURBINE**
[72] FULAYTER, ROY DAVID, US
[72] KING, AARON JOSEPH, US
[72] POWER, BRONWYN, US
[72] HEBERT, GREG, US
[71] ROLLS-ROYCE CORPORATION, US
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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F01D 11/24 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **IMPINGEMENT TUBES FOR CMC SEAL SEGMENT COOLING**
[54] **TUBES D'IMPACTEUR DESTINES AU REFROIDISSEMENT DE SEGMENT DE JOINT CMC**
[72] VETTERS, DANIEL K., GB
[72] BROADHEAD, PETER, GB
[72] HILLIER, STEVEN, GB
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[71] ROLLS-ROYCE PLC, GB
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[41] 2017-05-24
[30] US (14/950,794) 2015-11-24

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[51] **Int.Cl. H04L 9/32 (2006.01) H04L 9/28 (2006.01) H04L 12/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOTELY ACTIVATING A PIN-PAD TERMINAL**
[54] **SYSTEME ET METHODE D'ACTIVATION A DISTANCE D'UN TERMINAL A NIP**
[72] GLEESON, BRYAN MICHAEL, CA
[72] DUNSTAN, JOHN HENRY, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-10-12
[41] 2017-05-27
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[51] **Int.Cl. B65H 75/28 (2006.01) B65H 75/10 (2006.01)**
[25] EN
[54] **SELF-ADJUSTING MOUNTING PLATE FOR WOUND ROLL**
[54] **PLAQUE D'INSTALLATION AUTO-REGLABLE DESTINEE A UN ROULEAU D'ENROULEMENT**
[72] COUCHEY, BRIAN P., US
[72] LAGACE, CHAD ERIC, US
[71] SONOCO DEVELOPMENT, INC., US
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[41] 2017-05-23
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[51] **Int.Cl. A63B 59/20 (2015.01)**
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[54] **PREFORMED LACROSSE POCKET**
[54] **POCHE DE CROSSE PREFORMEE**
[72] HAZY, MICHAEL WILLIAM, US
[71] PHANTOM LACROSSE, INC., US
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[41] 2017-05-25
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[25] EN
[54] **WORK PLATFORM WITH PROTECTION AGAINST SUSTAINED INVOLUNTARY OPERATION**
[54] **PLATEFORME DE TRAVAIL EQUIPEE D'UNE BARRIERE CONTRE LE FONCTIONNEMENT INVOLONTAIRE MAINTENU**
[72] LOMBARDO, DAVID W., US
[72] PUSZKIEWICZ, IGNACY, US
[71] JLG INDUSTRIES, INC., US
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[54] **SEAT TRACKS WITH COMPOSITE FRAMES**
[54] **GLISSIERES DE SIEGE DOTEES DE CADRES EN COMPOSITE**
[72] SIMPSON, KHAMBREL A., US
[71] THE BOEING COMPANY, US
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[54] **SLIP-RESISTANT PROTECTIVE MAT**
[54] **TAPIS PROTECTEUR ANTI-DERAPPANT**
[72] MOREY, KEVIN, US
[72] SANDERS, FORREST ADAM, US
[72] STOTTSBERRY, WILL, US
[72] WESEL, DAVID T., US
[71] DIMEX OFFICE PRODUCTS LLC, US
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[41] 2017-05-24
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[54] **SANDWICH ELEMENT**
[54] **ELEMENT DE SANDWICH**
[72] HARMS, ANDREAS, DE
[72] HOFFMANN, MATTHIAS, DE
[71] DIEHL AIRCABIN GMBH, DE
[22] 2016-11-02
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[25] EN
[54] **EFFICIENT COVARIANCE MATRIX UPDATE**
[54] **ACTUALISATION DE MATRICE DE COVARIANCE EFFICACE**
[72] SKALICKY, JAKUB, US
[72] OREJAS, MARTIN, US
[72] RAASAKKA, JUSSI, US
[72] KUTIK, ONDREJ, US
[71] HONEYWELL INTERNATIONAL INC., US
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[51] **Int.Cl. B62M 6/50 (2010.01) B62M 6/40 (2010.01) F16H 59/66 (2006.01)**
[25] EN
[54] **AUTOMATED E-ASSIST ADJUSTMENT FOR AN E-BIKE FOR ELEVATION GAINS AND LOSS**
[54] **AJUSTEMENT ASSISTE ELECTRIQUEMENT AUTOMATISE DESTINE A UN VELO ELECTRIQUE LORS DE GAINS OU DE PERTES D'ELEVATION**
[72] MURUGESAN, PRAKASH, CA
[72] MANICKARAJ, MARK A., CA
[72] CHAPPELL, MICHAEL J., CA
[72] ZETTEL, ANDREW M., CA
[71] GM GLOBAL TECHNOLOGY OPERATIONS LLC, US
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[25] EN
[54] **NAVIGATING A CUSTOMER TO A PARKING SPACE**
[54] **ORIENTATION D'UN CLIENT VERS UN ESPACE DE STATIONNEMENT**
[72] HIGH, DONALD, US
[72] FERRELL, DAVID EUGENE, US
[72] ATCHLEY, MICHAEL DEAN, US
[71] WAL-MART STORES, INC., US
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[54] **RESERVOIR PURGE VALVE**
[54] **VANNE DE PURGE DE RESERVOIR**
[72] KOELZER, ROBERT L., US
[71] HALDEX BRAKE PRODUCTS CORPORATION, US
[22] 2016-11-09
[41] 2017-05-23
[30] US (14/948517) 2015-11-23

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[51] **Int.Cl. E06B 9/24 (2006.01) A47H 23/02 (2006.01)**
[25] EN
[54] **ARCH WINDOW COVERING WITH CONTROL**
[54] **REVETEMENT DE FENETRE EN DEMI-LUNE EQUIPE D'UNE COMMANDE**
[72] MAROCCO, MARIO M., CA
[71] MAROCCO, MARIO M., CA
[22] 2016-11-09
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[51] **Int.Cl. A45C 13/30 (2006.01) A45C 3/06 (2006.01)**
[25] EN
[54] **ADJUSTABLE COMBINATION CARRYING AND CLOSURE STRAP SYSTEM FOR A BAG**
[54] **COMBINAISON AJUSTABLE DE SANGLES DE TRANSPORT ET FERMETURE DESTINEE A UN SAC**
[72] KUKATHAS, NATHAN, CA
[71] RYU APPAREL INC., CA
[22] 2016-11-10
[41] 2017-05-23
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[51] **Int.Cl. A41D 1/08 (2006.01) A41D 1/06 (2006.01) A41D 13/00 (2006.01)**
[25] EN
[54] **EXERCISE TIGHTS**
[54] **COLLANTS D'EXERCICE**
[72] KORVER, JULIET, CA
[72] MCGANN, ERIN, CA
[71] RYU APPAREL INC., CA
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[25] EN
[54] **MULTI-POSITIONAL SECTION FOR A TREATMENT TABLE**
[54] **SECTION MULTIPOSITION DESTINEE A UNE TABLE DE TRAITEMENT**
[72] SEVADJIAN, MARDIG, CA
[72] ROWE, ROBERT HOWARD, US
[71] CARDON REHABILITATION & MEDICAL EQUIPMENT LTD., CA
[22] 2016-11-14
[41] 2017-05-23
[30] US (14/949,250) 2015-11-23

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[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/20 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **TURBINE AIRFOIL WITH PASSIVE MORPHING STRUCTURE**
[54] **PROFIL DYNAMIQUE DE TURBINE A STRUCTURE MORPHIQUE PASSIVE**
[72] KRAY, NICHOLAS JOSEPH, US
[72] JOSHI, NARENDRA DIGAMBER, US
[72] KALITA, SAMAR JYOTI, US
[72] MARSLAND, PAUL GERARD, US
[72] SPENCE, WAYNE ALLEN, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-05-24
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[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/18 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **ENGINE COMPONENT WITH FILM COOLING**
[54] **COMPOSANTE DE MOTEUR A REFROIDISSEMENT PELLICULAIRE**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-14
[41] 2017-05-24
[30] US (14/950,677) 2015-11-24

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[51] **Int.Cl. C04B 35/80 (2006.01) C04B 41/81 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR PROCESSING CERAMIC FIBER**
[54] **APPAREIL ET PROCEDES DE TRAITEMENT DE FIBRE EN CERAMIQUE**
[72] DUNN, DANIEL GENE, US
[72] RUUD, JAMES ANTHONY, US
[72] BUI, PIERRE-ANDRE, US
[72] CORMAN, GREGORY SCOT, US
[72] VARTULI, JAMES SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F02K 1/06 (2006.01) B64D 29/00 (2006.01) F01D 25/30 (2006.01) F02K 1/15 (2006.01)**
[25] EN
[54] **COMPRESSION COWL FOR JET ENGINE EXHAUST**
[54] **CARENAGE DE COMPRESSION DESTINE A UN ECHAPPEMENT DE MOTEUR A REACTION**
[72] IGLEWSKI, TOMASZ, PL
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-14
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[30] PL (P-414889) 2015-11-23

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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01) H02J 3/00 (2006.01) H04B 3/54 (2006.01) H04L 25/02 (2006.01)**
[25] EN
[54] **ENHANCED SAFETY METHOD AND SYSTEM FOR DIGITAL COMMUNICATION USING TWO AC COUPLING WIRES**
[54] **METHODE DE SECURITE AMELIOREE ET SYSTEME DE COMMUNICATION NUMERIQUE EMPLOYANT DES FILS DE RACCORDEMENT CA**
[72] LEVIN, MICHAEL, IL
[72] REUVENI, AVI, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-14
[41] 2017-05-24
[30] US (62/259,370) 2015-11-24
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[51] **Int.Cl. B60R 22/48 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR DETERMINING SEATBELT STATUS**
[54] **METHODES ET APPAREIL PERMETTANT DE DETERMINER L'ETAT D'UNE CEINTURE DE SECURITE**
[72] POLLARD, GERALD, US
[72] FLETCHER, JOSEPH M., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **VIRTUAL TRAINING SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT VIRTUEL**
[72] HIGH, DONALD, US
[72] THOMPSON, JOHN PAUL, US
[72] WINKLE, DAVID, US
[72] TAYLOR, ROBERT C., US
[71] WAL-MART STORES, INC., US
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[30] US (62/258,792) 2015-11-23

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[51] **Int.Cl. B65B 1/04 (2006.01) B65B 5/00 (2006.01)**
[25] EN
[54] **AUTOMATIC MEDICINE PACKING MACHINE**
[54] **MACHINE DE CONDITIONNEMENT AUTOMATIQUE DE MEDICAMENTS**
[72] KIM, JUN HO, KR
[71] JVM CO., LTD., KR
[22] 2016-11-18
[41] 2017-05-25
[30] KR (10-2015-0165590) 2015-11-25

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[13] A1
[51] **Int.Cl. C04B 35/84 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING CERAMIC FIBER**
[54] **METHODES DE TRAITEMENT DE FIBRE DE CERAMIQUE**
[72] DUNN, DANIEL GENE, US
[72] RUUD, JAMES ANTHONY, US
[72] BUI, PIERRE-ANDRE, US
[72] CORMAN, GREGORY SCOT, US
[72] VARTULI, JAMES SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. B65B 5/04 (2006.01) B65B 5/00 (2006.01)**
[25] EN
[54] **AUTOMATIC MEDICINE PACKING MACHINE**
[54] **MACHINE DE CONDITIONNEMENT AUTOMATIQUE DE MEDICAMENTS**
[72] KIM, JUN HO, KR
[71] JVM CO., LTD., KR
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[51] **Int.Cl. C05F 11/00 (2006.01) C05F 1/00 (2006.01) C05G 5/00 (2006.01)**
[25] EN
[54] **WOOL PELLETS FOR PLANT FERTILIZATION AND RELATED METHODS**
[54] **GRANULES DE BOIS DESTINEES A LA FERTILISATION DES PLANTES ET METHODES ASSOCIEES**
[72] GOLD, BRIAN D., US
[72] WILDE, ALBERT R., US
[71] GOLD, BRIAN D., US
[71] WILDE, ALBERT R., US
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[13] A1
[51] **Int.Cl. E04B 1/38 (2006.01)**
[25] EN
[54] **ANCHOR FOR SECURING A POST TO DECK ELEMENTS, AND A DECK ASSEMBLY THEREWITH**
[54] **ANCRAGE DE FIXATION DE POTEAU ET D'ELEMENTS DE PLATEFORME ET UN DISPOSITIF DE PLATEFORME ASSOCIE**
[72] LUPIEN, GILLES, CA
[71] KATCHABA IMPORTS INC., CA
[22] 2016-11-18
[41] 2017-05-24
[30] US (62/259,417) 2015-11-24

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[13] A1
[51] **Int.Cl. C05F 11/00 (2006.01) A01C 15/00 (2006.01) C05F 1/00 (2006.01) C05G 5/00 (2006.01) C09K 17/00 (2006.01)**
[25] EN
[54] **WOOL PELLETS FOR WATER RETENTION WITH PLANTS AND RELATED METHODS**
[54] **GRANULES DE BOIS DESTINEES A RETENIR L'EAU DES PLANTES ET METHODES ASSOCIEES**
[72] GOLD, BRIAN D., US
[72] WILDE, ALBERT R., US
[71] GOLD, BRIAN D., US
[71] WILDE, ALBERT R., US
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[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/08 (2006.01) F01D 5/18 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH FILM HOLES**
[54] **MOTEUR DE TURBINE A GAZ DOTE DE TROUS PELLICULAIRES**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-17
[41] 2017-05-24
[30] US (14/950,627) 2015-11-24

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[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F16C 33/58 (2006.01) F16C 35/04 (2006.01)**
[25] EN
[54] **BEARING OUTER RACE RETENTION DURING HIGH LOAD EVENTS**
[54] **RETENTION DE COURSE EXTERIEURE DE PALIER PENDANT LES EVENEMENTS DE CHARGE ELEVEE**
[72] GANIGER, RAVINDRA SHANKAR, IN
[72] CARTER, BRUCE ALAN, US
[72] RUPNAR, NITIN DEEPAK, IN
[72] CORMAN, CHARLES ANDREW, US
[71] GENERAL ELECTRIC COMPANY, US
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[13] A1
[51] **Int.Cl. F16D 69/04 (2006.01) F16D 65/08 (2006.01)**
[25] EN
[54] **NOISE DAMPENING BRAKE SHOE FOR A DRUM BRAKE**
[54] **PATIN DE FREIN AMORTISSEUR DE BRUIT DESTINE A UN FREIN A TAMBOUR**
[72] CHURCH, DAVID R., US
[71] BENDIX SPICER FOUNDATION BRAKE LLC, US
[22] 2016-11-21
[41] 2017-05-23
[30] US (14/948,735) 2015-11-23

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM FOR LOCATING MERCHANDISE AND NEGOTIATING THE LOWEST SELLING PRICE**
[54] **SYSTEME DE REPERAGE DE MARCHANDISE ET DE NEGOCIATION DU PRIX DE VENTE LE PLUS BAS**
[72] BILEY, JONATHAN, CA
[71] BILEY, JONATHAN, CA
[22] 2016-11-21
[41] 2017-05-23
[30] US (62/326,813) 2016-04-24
[30] US (62258814) 2015-11-23

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[13] A1
[51] **Int.Cl. H01M 2/08 (2006.01) A61B 5/00 (2006.01) A61N 1/378 (2006.01) G02C 7/04 (2006.01) H01M 6/18 (2006.01)**
[25] EN
[54] **BIOMEDICAL ENERGIZATION ELEMENTS WITH POLYMER ELECTROLYTES**
[54] **ELEMENTS D'ENERGISATION BIOMEDICAUX DOTES D'ELECTROLYTES EN POLYMERE**
[72] MUTHU, MILLBURN EBENEZER JACOB, US
[72] PUGH, RANDALL B., US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-11-21
[41] 2017-05-24
[30] US (14/949,950) 2015-11-24

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[13] A1
[51] **Int.Cl. H01M 2/16 (2006.01)**
[25] EN
[54] **BIOMEDICAL ENERGIZATION ELEMENTS WITH POLYMER ELECTROLYTES AND CAVITY STRUCTURES**
[54] **ELEMENTS D'ENERGISATION BIOMEDICAUX DOTES D'ELECTROLYTES EN POLYMERE ET DE STRUCTURES DE CAVITE**
[72] FLITSCH, FREDERICK A., US
[72] MUTHU, MILLBURN EBENEZER JACOB, US
[72] OTTS, DANIEL B., US
[72] PUGH, RANDALL B., US
[72] RIALL, JAMES DANIEL, US
[72] TONER, ADAM, US
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[41] 2017-05-24
[30] US (14/949,963) 2015-11-24

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[13] A1
[51] **Int.Cl. F23J 13/04 (2006.01) F16L 23/04 (2006.01) F16L 23/12 (2006.01) F16L 23/16 (2006.01) F16L 59/18 (2006.01)**
[25] EN
[54] **JOINT SEAL SYSTEM & METHOD**
[54] **DISPOSITIF DE JOINT D'ETANCHEISATION ET METHODE**
[72] ZOGG, BRADLEY, US
[71] SCHEBLER CO., US
[22] 2016-11-22
[41] 2017-05-22
[30] US (62/258511) 2015-11-22

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[13] A1
[51] **Int.Cl. E21D 11/20 (2006.01) E01D 4/00 (2006.01) E01F 5/00 (2006.01) E03F 5/00 (2006.01)**
[25] EN
[54] **REINFORCEMENT SYSTEM AND METHOD FOR CORRUGATED PLATE STRUCTURES**
[54] **MECANISME DE RENFORT ET METHODE DESTINES AUX STRUCTURES DE PLAQUES ONDULEES**
[72] FLINT, BRIAN N., US
[72] SANDERS, DARRELL J., US
[72] CORMIER, TIMOTHY J., US
[71] CONTECH ENGINEERED SOLUTIONS LLC, US
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[54] **TRANSPORTEUR DE MARCHANDISE ET METHODE D'UTILISATION ASSOCIEE**
[72] BILLARD, STEPHANE, CA
[71] BILLARD, STEPHANE, CA
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[54] **A DOOR WITH HIGH ENERGY EFFICIENCY**
[54] **UNE PORTE OFFRANT UNE HAUTE EFFICACITE ENERGETIQUE**
[72] BOURASSA, MATHIEU, CA
[72] BOURASSA, ALAIN, CA
[71] LES PORTES ALAIN BOURASSA INC., CA
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[54] **GAS CELL FOR ABSORPTION SPECTROSCOPY**
[54] **CELLULE DE GAZ DESTINEE A LA SPECTROSCOPIE PAR ABSORPTION**
[72] CHANDA, ALAK, CA
[72] WU, SHIMIN, CN
[71] UNISEARCH ASSOCIATES INC., CA
[71] UNISEARCH INSTRUMENTS NANJING INC., CN
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[54] **SYSTEM FOR REDUCING WARPING IN SOLID WOOD DOORS**
[54] **SYSTEME DE REDUCTION DU GAUCHISSEMENT DE PORTES EN BOIS PLEIN**
[72] BOURASSA, MATHIEU, CA
[72] BOURASSA, ALAIN, CA
[71] LES PORTES ALAIN BOURASSA INC., CA
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[54] **VEHICULAR AUTOMATIC TRANSMISSION**
[54] **TRANSMISSION AUTOMATIQUE DE VEHICULE**
[72] IKEMURA, MASASHI, JP
[72] OTA, HIROFUMI, JP
[72] HAGINO, YASUYUKI, JP
[72] TOYODA, MITSUHIRO, JP
[72] MICHIKOSHI, YOSUKE, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[25] EN
[54] **METHODS AND SYSTEMS FOR INTELLIGENT UTILIZATION OF OFF-PEAK NETWORK BANDWIDTH**
[54] **METHODES ET SYSTEMES D'UTILISATION INTELLIGENTE DE LARGEUR DE BANDE RESEAU HORS POINTE**
[72] DOSHI, NISHANT, US
[72] AUGER, SCOTT, US
[72] SHARMA, AMBUD, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2016-11-23
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[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATED AND CENTRALIZED REAL-TIME EVENT DETECTION AND COMMUNICATION**
[54] **SYSTEMES ET METHODES DE DETECTION ET COMMUNICATION D'EVENEMENT EN TEMPS REEL AUTOMATISEES ET CENTRALISEES**
[72] MANCINE, NATHAN, US
[72] ROVNAN, JOHN, US
[71] MANCINE, NATHAN, US
[71] ROVNAN, JOHN, US
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[54] **CORD MANAGEMENT SYSTEM FOR A PORTABLE AIR COMPRESSOR**
[54] **SYSTEME DE GESTION DE CORDON DESTINE A UN COMPRESSEUR A AIR PORTATIF**
[72] THACKERY, CLINTON C., US
[72] TENNANT, CHRISTOPHER SCOTT, US
[72] BRAZELL, KENNETH, US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
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[25] EN
[54] **PIVOT AND SWIVEL JOINT HAVING A ROTARY AXIS AND A SWIVEL AXIS**
[54] **PIVOT ET JOINT A PIVOT COMPORTANT UN AXE DE ROTATION ET UN AXE DE PIVOTEMENT**
[72] DAXECKER, THOMAS, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
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[54] **BELT-DISCHARGE BODY**
[54] **CORPS DE DECHARGE DE COURROIE**
[72] WIKEL, DEAN, US
[72] MCGEE, LARRY, US
[72] SCHAEFFER, PHILIP, US
[72] THOMAS, SHANE, US
[72] RYAN, KERK, US
[71] PEGASUS VANS AND TRAILERS, INC., US
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[54] **LEVITATION FLUID DISPENSER**
[54] **DISTRIBUTEUR DE LIQUIDE DE LEVITATION**
[72] OPHARDT, HEINER, CH
[72] LANG, ALBRECHT, CH
[72] STELTENKAMP, SIEGFRIED, DE
[72] DUNCAN, DAVID, CA
[72] TEN, VALERY, CA
[71] OP-HYGIENE IP GMBH, CH
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[54] **INFRARED RADIATION FIRE DETECTOR WITH COMPOSITE FUNCTION FOR CONFINED SPACES**
[54] **DETECTION D'INCENDIE PAR RAYONNEMENT INFRAROUGE A FONCTION COMPOSITE DESTINEE AUX ESPACES CONFINES**
[72] LORENZONI, GIOVANNI PIETRO, IT
[71] A.M. GENERAL CONTRACTOR S.P.A., IT
[22] 2016-11-24
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[54] **JOYSTICK CONTROLLED SCRAPER BLADE ASSEMBLY**
[54] **DISPOSITIF DE LAME DE RACLEUR COMMANDE PAR UN LEVIER DE COMMANDE**
[72] MASON, JOHNNIE LEROY, CA
[71] MASON, JOHNNIE LEROY, CA
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[54] **UTILITY MOUNT WITH REMOVABLE ADJUSTABLE BALL JOINT AND DEVICE MOUNT**
[54] **FIXATION DE SERVICE PUBLIC A JOINT SPHERIQUE REGLABLE AMOVIBLE ET FIXATION DE DISPOSITIF**
[72] WYNALDA, ROBERT M., JR., US
[72] WYNALDA, DAVID, US
[71] FOURTH ARROW, LLC, US
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[25] EN
[54] **A METHOD FOR MANUFACTURING AN AIRCRAFT STRUCTURE COMPONENT**
[54] **UNE METHODE DE FABRICATION D'UN COMPOSANT DE STRUCTURE D'AERONEF**
[72] BARLAG, CARSTEN, DE
[71] AIRBUS OPERATIONS GMBH, DE
[22] 2016-11-24
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[54] **DISENGAGING HANDLE ASSEMBLY FOR A BOTTOM OUTLET VALVE**
[54] **MECANISME DE POIGNEE DE DEGAGEMENT DESTINE A UNE VANNE DE SORTIE AU BAS**
[72] THOMPSON, NICHOLAS, US
[72] WALTER, GARY, US
[71] UNION TANK CAR COMPANY, US
[22] 2016-11-23
[41] 2017-05-23
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[51] **Int.Cl. H04W 12/06 (2009.01) H04W 12/04 (2009.01)**
[25] EN
[54] **METHOD FOR PROVIDING A WIRELESS USER STATION FOR ACCESS TO A TELECOMMUNICATION NETWORK THROUGH A NETWORK WIRELESS ACCESS POINT, ASSOCIATED NETWORK WIRELESS ACCESS POINT AND WIRELESS USER STATION**
[54] **METHODE SERVANT A FOURNIR UN POSTE UTILISATEUR SANS FIL D'ACCES A UN RESEAU DE TELECOMMUNICATION PAR UN POINT D'ACCES SANS FIL DU RESEAU, POINT D'ACCES SANS FIL RESEAU ASSOCIE ET POSTE UTILISATEUR SANS FIL**
[72] FAYT, ETIENNE, BE
[72] VETILLARD, JEAN-NOEL, FR
[72] DUBOWIK, WOJCIECH, CH
[72] HARJU, JUSSI, CH
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
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[54] **HEAT-RESISTANT KNITTED UNDERWEAR**
[54] **SOUS-VETEMENT EN TRICOT RESISTANT A LA CHALEUR**
[72] AUDET, JEAN-PIERRE, CA
[72] COTNOIR, LINDA, CA
[72] LEFEBVRE, STEPHANE, CA
[71] CODET INC., CA
[22] 2016-11-25
[41] 2017-05-25
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[51] **Int.Cl. A41H 19/00 (2006.01) B25H 3/02 (2006.01)**
[25] EN
[54] **METAL PARTS ATTRACTING HOLDER**
[54] **SUPPORT ATTIRANT DES PIECES METALLIQUES**
[72] KAWASAKI, YUJI, JP
[72] IWASAKI, CHIHIRO, JP
[71] CLOVER MFG. CO., LTD., JP
[22] 2016-11-23
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[25] EN
[54] **AIRCRAFT OVERHEAD BIN MONITORING AND ALERT SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ET ALERTE DESTINE A UN COMPARTIMENT AU-DESSUS DES SIEGES DANS UN AERONEF**
[72] BALASUBRAMANIAN, RAMESHKUMAR, IN
[71] GOODRICH CORPORATION, US
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[54] **RENEWABLY DERIVED THERMOPLASTIC POLYESTER-BASED URETHANES AND METHODS OF MAKING AND USING THE SAME**
[54] **URETHANES A BASE DE POLYESTER THERMOPLASTIQUE DERIVE RENOUVELABLE ET METHODES DE FABRICATION ET UTILISATION ASSOCIEES**
[72] BOUZIDI, LAZIZ, CA
[72] LI, SHAOJUN, CA
[72] SHETRANJIWALLA, SHEGUFTA, CA
[72] NARINE, SURESH, CA
[71] TRENT UNIVERSITY, CA
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[54] **HYDROPHOBIC SILICONE-BASED PUTTY COMPOSITION**
[54] **COMPOSITION DE MASTIC A BASE DE SILICONE HYDROPHOBE**
[72] VILLAVICENCIO, ALEJANDRA, MX
[72] ACOSTA, GRACIELA YANIZ GUZMAN, MX
[71] VELEZ, RAUL MARMOLEJO, MX
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[25] EN
[54] **OVERFILL AND FLUID LEVEL INDICATORS FOR USE ON FLEXIBLE COLLAPSIBLE LIQUID TANKS**
[54] **INDICATEURS DE DEBORDEMENT ET DE NIVEAU DE LIQUIDE DESTINES A DES RESERVOIRS DE LIQUIDE ECRASABLES ET SOUPLES**
[72] BARTZ, GEORGE, CA
[72] YAREMENKO, VICTOR, CA
[72] CHI, JENNIFER, CA
[72] REICHARD, PAUL, CA
[71] DONMARK HOLDINGS INC., CA
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[51] **Int.Cl. F16M 13/04 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **IMPROVEMENTS FOR A WEARABLE BODY SUPPORTED COMPUTER**
[54] **AMELIORATION D'UN ORDINATEUR PORTATIF SOUTENU AU CORPS**
[72] KIELLAND, PETER J., CA
[71] KIELLAND, PETER J., CA
[22] 2016-11-28
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[25] EN
[54] **LADDER STABILIZATION APPARATUS WITH ADJUSTABLE BRACING MEMBERS FOR USE ON INSIDE AND OUTSIDE CORNERS OF A STRUCTURE**
[54] **DISPOSITIF DE STABILISATION D'ECHELLE DOTE D'ELEMENTS DE SUPPORT REGLABLES DESTINES AUX COINS INTERIEURS ET EXTERIEURS D'UNE STRUCTURE**
[72] MILLER, TERRY JAMES, CA
[71] MILLER, TERRY JAMES, CA
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[41] 2017-05-26
[30] US (62/260,282) 2015-11-26

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[25] EN
[54] **REMOTE CONTROLLED MOBILE TRAFFIC CONTROL SYSTEM AND METHOD**
[54] **SYSTEME DE CONTROLE DE LA CIRCULATION MOBILE TELECOMMANDE ET METHODE**
[72] BEAULIEU, LEO, CA
[71] BEAULIEU, LEO, CA
[22] 2016-11-28
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[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFYING, ANALYZING, AND REPORTING ON PLAYERS IN A GAME FROM VIDEO**
[54] **SYSTEME ET METHODE D'IDENTIFICATION, ANALYSE ET SIGNALEMENT DE JOUEURS DANS UN JEU A PARTIR D'UNE VIDEO**
[72] ZAKALUK, ROBERT, CA
[71] ZAKALUK, ROBERT, CA
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[25] EN
[54] **CARRIER BEARING ASSEMBLY**
[54] **MECANISME DE PALIER PORTEUR**
[72] ROBERTS, JONATHAN D., US
[72] REYNOLDS, BRENT G., US
[71] ROBERTS, JONATHAN D., US
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[25] FR
[54] **BLADE ROOT BEARING AND ITS FABRICATION PROCESS, SYSTEM, OSCILLATING SYSTEM AND ROTARY SYSTEM INCLUDING SUCH A BEARING**
[54] **ROULEMENT DE PIED DE PALE ET SON PROCEDE DE FABRICATION, SYSTEME, SYSTEME OSCILLANT ET SYSTEME TOURNANT COMPRENANT UN TEL ROULEMENT**
[72] AZAM, GUY, FR
[72] LEFORT, GUILLAUME, FR
[71] NTN-SNR ROULEMENTS, FR
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[25] EN
[54] **MOBILE DEVICE AUTHENTICATION AND CALL ROUTING USING DUAL-TONE MULTI-FREQUENCY SIGNALING**
[54] **AUTHENTIFICATION D'APPAREIL MOBILE ET ACHEMINEMENT D'APPEL AU MOYEN DE SIGNAL MULTIFREQUENCE A DOUBLE TONALITE**
[72] RODRIGUES, GREGORY A., US
[72] ANDERSON, VICKIE MOOSMAN, US
[71] FMR LLC, US
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[25] EN
[54] **HIGH TEMPERATURE DEHUMIDIFICATION DRYING SYSTEM**
[54] **SYSTEME DE SECHAGE ET DESHUMIDIFICATION HAUTE TEMPERATURE**
[72] LEWIS, DONALD C., US
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[25] EN
[54] **CABLE GLAND ASSEMBLY**
[54] **DISPOSITIF DE PRESSE-ETOUPE**
[72] LONG, DAVID N., US
[72] KIMBALL, PAUL W., US
[72] PLOURDE, JOHN R., US
[72] NGUYEN, DAT VAN, US
[72] PERSKY, JOSHUA E., US
[72] PIELA, NICHOLAS J., US
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[51] **Int.Cl. A47C 7/64 (2006.01) A47G 25/08 (2006.01)**
[25] EN
[54] **CHAIR-BACK MOUNTABLE GARMENT HANGER**
[54] **SUPPORT A VETEMENT POUVANT ETRE INSTALLE SUR LE DOSSIER D'UNE CHAISE**
[72] JINDAL, ROHIT, US
[71] JINDAL, ROHIT, US
[22] 2017-03-27
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[25] EN
[54] **METHOD AND SYSTEM FOR PREVENTING AN ANOMALY IN A SIMULATOR**
[54] **METHODE ET SYSTEME DE PREVENTION D'UNE ANOMALIE DANS UN SIMULATEUR**
[72] GIROUX, ANN-KATHERINE, CA
[72] GALIBOIS, MICHEL, CA
[72] HENEAULT, YANNICK, CA
[72] FILKORN, GUNTHER SASCHA, CA
[72] MELOCHE-CHARLEBOIS, FRANCIS, CA
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Demandes PCT entrant en phase nationale

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[25] EN
[54] **METHOD FOR STORING DATA BY STORAGE DEVICE AND STORAGE DEVICE**
[54] **METHODE DE STOCKAGE DE DONNEE PAR UN DISPOSITIF DE STOCKAGE ET DISPOSITIF DE STOCKAGE**
[72] LIN, CHUNGONG, CN
[72] XU, FEI, CN
[72] CAI, ENTING, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-08-31
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[54] **STRUCTURE SERVANT A BLOQUER LE TRANSFERT DE CHALEUR DANS LE PONT THERMIQUE D'UN BATIMENT A MUR RIDEAU**
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[54] **COMPOSITIONS ANTIMICROBIENNES UTILISANT DE L'ARGENT ET DE L'OXYGENE, LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
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[72] BRUNJES, MARCO, DE
[72] FORD, MARK JAMES, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
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[72] KLEIN, JOHANN, DE
[72] GUTACKER, ANDREA, DE
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[72] IBEBUNJO, CHIKWENDU, US
[72] DUTTAROY, ALOKESH, US
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[54] **COMPOSITION DE CARBURANT D'AVIATION, SA PREPARATION ET SON UTILISATION**
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[71] BP OIL INTERNATIONAL LIMITED, GB
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[72] PRIEFERT, HORST, DE
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[72] GLASS, DAVID, US
[72] KENDERIAN, SAAD, US
[72] LOEW, ANDREAS, US
[72] MANNICK, JOAN, US
[72] MILONE, MICHAEL, US
[72] MURPHY, LEON, US
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[54] **CARTOUCHES D'IMPRIMANTE ET DISPOSITIFS DE MEMOIRE CONTENANT DES TABLES DE COULEUR MULTIDIMENSIONNELLES COMPRIMEES**
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[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **CONVERTISSEUR NUMERIQUE-ANALOGIQUE INP LARGE BANDE INTEGRE A UN RESEAU DE DISTRIBUTION D'HORLOGE SIGE**
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[54] **PROCEDE DE DETERMINATION PRECISE DE PARAMETRES OPTIQUES D'UN SUJET POUR AJUSTER DES LUNETTES AU SUJET ET SYSTEME DE CENTRAGE VIDEO IMMOBILE**
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[54] **EMULSION HUILE-DANS-EAU CONTENANT UNE PREMIERE FARINE ET UNE DEUXIEME FARINE A TENEUR ELEVEE EN AMYLOPECTINE**
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[72] DIEHL, PAUL FRANK, US
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[72] AL-SAADI, AWS, DE
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[72] THEISS, CHRISTOPH, DE
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[54] **MAPPAGE AUTOMATIQUE ET GESTION DE PIM ET AUTRES INTERFERENCES DE LIAISON MONTANTE DANS DES SYSTEMES D'ANTENNE NUMERIQUES REPARTIS**
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[72] MEIR, AMIR, IL
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[72] SOTO, MANUEL A., US
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[54] **SYSTEMES ELECTRONIQUES DE SURVEILLANCE D'ARTICLES (EAS) METTANT EN □UVRE DES PROCEDES DE DETERMINATION D'EMPLACEMENTS D'ETIQUETTES DE SECURITE**
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[72] BRANETS, LARISA V., US
[72] CHANG, DAR-LON, US
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[54] **MOYEN D'ECARTEMENT POUR BARRES CONDUCTRICES DISPOSEES DANS UN BOITIER D'UN MODULE D'UN SYSTEME DE BARRES CONDUCTRICES, MODULE POURVU DE MOYENS D'ECARTEMENT CORRESPONDANTS ET SYSTEME DE BARRES CONDUCTRICES POURVU D'UNE PLURALITE DE MODULES CORRESPONDANTS**
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[72] HAAR, RAINER, DE
[72] ROTH, MARKUS, DE
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[54] **PROCEDE DE CONFIGURATION DYNAMIQUE D'UN RESEAU COMPORTANT UNE PLURALITE DE SOUS-RESEAUX**
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[54] **DISPOSITIF DE TRANSMISSION, DISPOSITIF DE RECEPTION, N□UD DE COMMANDE, ET PROCEDES ASSOCIES, POUR TRANSMETTRE UN BLOC AU DISPOSITIF DE RECEPTION**
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[72] LIBERG, OLOF, SE
[72] ERIKSSON LOWENMARK, STEFAN, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **QUALITE D'EXPERIENCE VIDEO BASEE SUR UNE ESTIMATION DE QUALITE VIDEO**
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[72] MAOR, MOSHE, IL
[72] COHEN, UZI, IL
[72] BUSCH, CHRIS, CA
[71] ARRIS ENTERPRISES LLC, US
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[54] **DISPOSITIF DE MESURE DE DISTANCE POUR DES APPLICATIONS DE MISE AU POINT POUR CAMERA CINEMATOGRAPHIQUE**
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[72] HOGUE, WILLIAM BENNETT, US
[72] TOWNDROW, CLIVE AUSTIN, US
[71] PANAVISION INTERNATIONAL, L.P., US
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[54] **VIS DE SERRAGE POUR ENSEMBLE CONNEXION DE FIL ET ENSEMBLE CONNEXION DE FIL**
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[54] **MULTIPLEXAGE ET REACTION FLEXIBLES POUR DES INTERVALLES DE TEMPS DE TRANSMISSION VARIABLES**
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[72] YOO, TAESANG, US
[72] MALLIK, SIDDHARTHA, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] CHENDAMARAI KANNAN, ARUMUGAM, US
[72] VAJAPEYAM, MADHAVAN SRINIVASAN, US
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[72] WEI, YONGBIN, US
[72] LUO, TAO, US
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[54] **PROCEDE DE DETERMINATION D'UN ETAT DANS UN VEHICULE FERROVIAIRE**
[72] BRUNDISCH, VOLKER, DE
[71] BOMBARDIER TRANSPORTATION GMBH, DE
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[54] **PROCEDES ET APPAREIL DE LEVE ELECTROMAGNETIQUE UTILISANT DES FORMES D'ONDE SOURCE SELECTIONNEES DYNAMIQUEMENT**
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[72] LINDQVIST, PETER, SE
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[54] **DETECTION DE PUITS A L'AIDE DE CHAMPS MAGNETIQUES INDUITS**
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[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHODS AND COMPOSITIONS FOR REDUCING CARDIAC DAMAGE AND OTHER CONDITIONS**
[54] **PROCEDES ET COMPOSITIONS DESTINES A REDUIRE LES LESIONS CARDIAQUES ET AUTRES PATHOLOGIES**
[72] KAPUR, NAVIN K., US
[72] KARAS, RICHARD H., US
[71] TUFTS MEDICAL CENTER, INC., US
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[54] **METHOD FOR PREPARING AN AQUEOUS ACRYLAMIDE SOLUTION HAVING A LOW ACRYLIC ACID CONCENTRATION**
[54] **PROCEDE POUR PREPARER UNE SOLUTION D'ACRYLAMIDE AQUEUSE A FAIBLE CONCENTRATION EN ACIDE ACRYLIQUE**
[72] BRAUN, MICHAEL, DE
[72] DAEUWEL, JUERGEN, DE
[72] LANG, HANS-JUERGEN, DE
[72] OEDMAN, PETER, DE
[72] BALDENIUS, KAI-UWE, DE
[72] KLEINER, MATTHIAS, DE
[72] KIEFER, MICHAEL, DE
[72] FREYER, STEPHAN, DE
[72] BUDDE, MICHAEL, DE
[71] BASF SE, DE
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[54] **IMPROVED APPARATUS FOR DOSING AND PACKAGING AGRICULTURAL PRODUCTS**
[54] **APPAREIL AMELIORE PERMETTANT DE DOSER ET D'EMBALLER DES PRODUITS AGRICOLES**
[72] BENEDETTI, LUCA, IT
[71] UNITEC SPA, IT
[85] 2017-03-27
[86] 2015-10-13 (PCT/IB2015/057830)
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[54] **BINDING PROTEINS SPECIFIC FOR LOX1 AND USES THEREOF**
[54] **PROTEINES DE LIAISON SPECIFIQUES A LOX1 ET LEUR UTILISATION**
[72] BUCHANAN, ANDREW, GB
[72] CHODORGE, MATTHIEU, GB
[72] CARIUK, PETER, GB
[72] HUSMARK, JOHANNA, GB
[72] BALENDRAN, CLARE, SE
[72] PANDEY, DEEPESH, US
[72] CHANG, FUMIN, US
[72] BERKOWITZ, DANIEL, US
[72] ROMER, LEWIS, US
[71] MEDIMMUNE LIMITED, GB
[85] 2017-03-27
[86] 2015-09-30 (PCT/EP2015/072644)
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[54] **SYNTHESIS OF COLLOIDAL PRECIOUS METAL NANOPARTICLES WITH CONTROLLED SIZE AND MORPHOLOGY**
[54] **SYNTHESE DE NANOPARTICULES DE METAL PRECIEUX COLLOIDALES AYANT UNE TAILLE ET UNE MORPHOLOGIE CONTROLEES**
[72] XU, XIAOMING, US
[72] LIU, XINSHENG, US
[71] BASF CORPORATION, US
[85] 2017-03-27
[86] 2015-10-07 (PCT/US2015/054525)
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[25] EN
[54] **MODIFIED MICROORGANISMS AND METHODS FOR PRODUCTION OF USEFUL PRODUCTS**
[54] **MICRO-ORGANISMES MODIFIES ET PROCEDES POUR LA PRODUCTION DE PRODUITS UTILES**
[72] GRADLEY, MICHELLE, GB
[72] PUDNEY, ALEX, GB
[72] HELDT, DANA, GB
[71] ZUVASYNTHA LIMITED, GB
[85] 2017-03-28
[86] 2015-09-30 (PCT/EP2015/072552)
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[25] EN
[54] **BIO-POLYMER MULCH FILM AND PROCESS FOR MANUFACTURING SAME**
[54] **PELLICULE DE PAILLIS BIOPOLYMERE ET SON PROCEDE DE FABRICATION**
[72] TAMBAY, ROGER, CA
[72] MEUNIER, HUGO, CA
[71] 9298-6876 QUEBEC INC., CA
[85] 2017-03-29
[86] 2016-10-21 (PCT/CA2016/051226)
[87] (2962846)
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[25] EN
[54] **A METHOD OF TREATING JOINT DISEASE**
[54] **METHODE DE TRIATEMENT D'UNE MALADIE ARTICULAIRE**
[72] ELEWAUT, DIRK, BE
[72] LAMBRECHT, STIJN, BE
[71] UNIVERSITEIT GENT, BE
[71] VIB VZW, BE
[85] 2017-03-28
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[25] EN
[54] **USE OF HLA GENETIC STATUS TO ASSESS OR SELECT TREATMENT OF CELIAC DISEASE**
[54] **UTILISATION DE STATUT GENETIQUE HLA POUR EVALUER OU SELECTIONNER UN TRAITEMENT DE LA MALADIE C□LIAQUE**
[72] ANDERSON, ROBERT P., US
[71] IMMUSANT, INC., US
[85] 2017-03-28
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[25] EN
[54] **RECOMBINASE MUTANTS**
[54] **MUTANTS DE RECOMBINASES**
[72] BOMATI, ERIN, US
[72] KELLINGER, MATTHEW WILLIAM, US
[72] BOUTELL, JONATHAN MARK, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
[85] 2017-03-28
[86] 2015-09-29 (PCT/US2015/053012)
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[54] **HEAT DIFFUSION BASED GENETIC NETWORK ANALYSIS**
[54] **ANALYSE DE RESEAU GENETIQUE BASEE SUR LA DIFFUSION DE CHALEUR**
[72] LEISERSON, MARK D. M., US
[72] VANDIN, FABIO, IT
[72] WU, HSIN-TA, US
[72] RAPHAEL, BENJAMIN J., US
[71] BROWN UNIVERSITY, US
[71] LEISERSON, MARK D. M., US
[71] VANDIN, FABIO, IT
[71] WU, HSIN-TA, US
[85] 2017-03-28
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[30] US (62/057,479) 2014-09-30

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[25] EN
[54] **METHOD FOR THE PRODUCTION OF SULPHATE OF POTASH GRANULATES, SULPHATE OF POTASH GRANULATE OBTAINED THEREBY, AND USE THEREOF**
[54] **PROCEDE DE FABRICATION DE GRANULATS DE SULFATE DE POTASSIUM ET GRANULAT DE SULFATE DE POTASSIUM OBTENU D'APRES LEDIT PROCEDE AINSI QUE SON UTILISATION**
[72] BAUCKE, GUIDO, DE
[72] MULLER-GOLDKUHLE, MARCEL, DE
[72] DIETRICH, ARMIN, DE
[72] REST, TORSTEN, DE
[72] KEIDEL, ROLAND, DE
[72] WALDMANN, LUDGER, DE
[71] K+S KALI GMBH, DE
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[30] DE (10 2014 014 099.7) 2014-09-30

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[25] EN
[54] **METHOD FOR THE PRODUCTION OF SULPHATE OF POTASH GRANULATES, SULPHATE OF POTASH GRANULATE OBTAINED THEREBY, AND USE THEREOF**
[54] **PROCEDE DE FABRICATION DE GRANULATS DE SULFATE DE POTASSIUM ET GRANULAT DE SULFATE DE POTASSIUM OBTENU D'APRES LEDIT PROCEDE AINSI QUE SON UTILISATION**
[72] BAUCKE, GUIDO, DE
[72] MULLER-GOLDKUHLE, MARCEL, DE
[72] DIETRICH, ARMIN, DE
[72] REST, TORSTEN, DE
[72] KEIDEL, ROLAND, DE
[72] WALDMANN, LUDGER, DE
[71] K+S KALI GMBH, DE
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[25] EN
[54] **COMBINATION OF BIOLOGICALLY ACTIVE SUBSTANCES FOR THE TREATMENT OF HYPERGLYCAEMIC DISORDERS**
[54] **ASSOCIATION DE SUBSTANCES BIOACTIVES POUR LE TRAITEMENT DE MALADIES LIEES A UNE HYPERGLYCEMIE**
[72] VOLLERT, HENNING, DE
[71] BIOACTIVE FOOD GMBH, DE
[85] 2017-03-29
[86] 2015-05-15 (PCT/EP2015/060743)
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[25] EN
[54] **METHODS AND BIOREACTORS FOR MICROBIAL DIGESTION USING IMMOBILIZED BIOFILMS**
[54] **PROCEDES ET BIOREACTEURS UTILISES POUR LA DIGESTION MICROBIENNE A L'AIDE DE BIOFILMS IMMOBILISES**
[72] ULLER, BJARNE, DK
[71] DONG ENERGY THERMAL POWER A/S, DK
[85] 2017-03-29
[86] 2015-09-30 (PCT/EP2015/072650)
[87] (WO2016/050893)
[30] US (62/057,265) 2014-09-30

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[51] **Int.Cl. C12N 15/54 (2006.01) C07H 21/00 (2006.01) C07K 14/11 (2006.01) C12N 9/12 (2006.01) C12N 15/44 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**
[25] EN
[54] **INFLUENZA A VIRUS VARIANTS**
[54] **VARIANTS DU VIRUS DE LA GRIPPE A**
[72] LEEMAN, JOSHUA ROBERT, US
[72] BYRN, RANDAL, US
[72] BENNETT, HAMILTON BARLOW, US
[72] BARTELS, DOUGLAS JOHN, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2017-03-29
[86] 2015-10-01 (PCT/US2015/053385)
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[51] **Int.Cl. C12N 15/54 (2006.01) C07H 21/00 (2006.01) C07K 14/11 (2006.01) C12N 9/12 (2006.01) C12N 15/44 (2006.01) C12Q 1/68 (2006.01) C12Q 1/70 (2006.01)**
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[54] **INFLUENZA A VIRUS VARIANTS**
[54] **VARIANTS DU VIRUS INFLUENZA A**
[72] LEEMAN, JOSHUA ROBERT, US
[72] BYRN, RANDAL, US
[72] BENNETT, HAMILTON BARLOW, US
[72] BARTELS, DOUGLAS JOHN, US
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2017-03-29
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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 37/06 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS OF TREATING SYSTEMIC LUPUS ERYTHEMATOSUS USING A DOMAIN ANTIBODY DIRECTED AGAINST CD28**
[54] **METHODES DE TRAITEMENT DE LUPUS ERYTHEMATEUX SYSTEMIQUE A L'AIDE D'UN ANTICORPS A DOMAINE DIRIGE CONTRE CD28**
[72] VALENCIA, XAVIER, US
[72] THROUP, JOHN P., US
[72] NADLER, STEVEN G., US
[72] SUCHARD, SUZANNE J., US
[72] DUCHESNE, DOMINIQUE, US
[72] LIU, XIAONI, US
[72] SHI, RONG, US
[72] SHEVELL, DIANE E., US
[72] XIE, JENNY H., US
[72] HONCZARENKO, MAREK, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[86] 2015-09-30 (PCT/US2015/053233)
[87] (WO2016/054218)
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[51] **Int.Cl. C12N 15/13 (2006.01) C07D 487/04 (2006.01) C07K 16/44 (2006.01)**
[25] EN
[54] **ANTIBODIES TO TICAGRELOR AND METHODS OF USE**
[54] **ANTICORPS A TICAGRELOR ET PROCEDES DE LEUR UTILISATION**
[72] BUCHANAN, ANDREW, GB
[72] NYLANDER, SVEN, SE
[72] PENNEY, MARK, GB
[72] NEWTON, PHILIP, GB
[72] KEYES, FEENAGH, GB
[72] INGHARDT, TORD, SE
[71] MEDIMMUNE LIMITED, GB
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[86] 2015-09-30 (PCT/EP2015/072606)
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[30] US (62/058,458) 2014-10-01
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[51] **Int.Cl. C08J 7/12 (2006.01) B01J 19/00 (2006.01) C07K 1/04 (2006.01) C08J 3/28 (2006.01) C40B 50/18 (2006.01) C09D 5/16 (2006.01)**
[25] EN
[54] **PRINTING AN ADHESIVE PATTERN ON AN ANTI-FOULING SUPPORT**
[54] **IMPRESSION D'UN MOTIF ADHESIF SUR UN SUPPORT ANTI-SALISSURES**
[72] STUDER, VINCENT, FR
[71] ALVEOLE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[71] UNIVERSITE DE BORDEAUX, FR
[85] 2017-03-30
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[51] **Int.Cl. C02F 1/52 (2006.01) C02F 1/00 (2006.01) C02F 3/00 (2006.01) C02F 3/12 (2006.01) C02F 3/30 (2006.01)**
[25] EN
[54] **METHOD FOR MANAGING A WASTEWATER TREATMENT PROCESS**
[54] **PROCEDE DE GESTION D'UN PROCESSUS DE TRAITEMENT DES EAUX USEES**
[72] DE KERCHOVE, ALEXIS, SE
[72] GHYLIN, TREVOR, US
[71] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2017-03-30
[86] 2015-09-28 (PCT/IB2015/057422)
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[30] SE (1451169-5) 2014-10-02
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[51] **Int.Cl. C02F 1/52 (2006.01) C02F 3/00 (2006.01) C02F 3/12 (2006.01) C02F 3/30 (2006.01)**
[25] EN
[54] **A METHOD FOR TREATING WASTEWATER**
[54] **PROCEDE DE TRAITEMENT DES EAUX USEES**
[72] DE KERCHOVE, ALEXIS, SE
[72] MERRY, ALAN, GB
[71] XYLEM IP MANAGEMENT S.A R.L., LU
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[51] **Int.Cl. C07K 7/64 (2006.01) C07K 7/08 (2006.01) C07K 7/50 (2006.01)**
[25] EN
[54] **BETA-HAIRPIN PEPTIDOMIMETICS**
[54] **PEPTIDOMIMETIQUES EN EPINGLE A CHEVEUX BETA**
[72] OBRECHT, DANIEL, CH
[72] LUTHER, ANATOL, DE
[72] BERNARDINI, FRANCESCA, FR
[72] DENIAU, GILDAS, CH
[72] LEDERER, ALEXANDER, CH
[71] POLYPHOR AG, CH
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[51] **Int.Cl. C09J 123/12 (2006.01) C09J 123/14 (2006.01)**
[25] EN
[54] **POLYOLEFIN-BASED HOT MELT ADHESIVES WITH IMPROVED PROCESSING AND BONDING PERFORMANCE**
[54] **ADHESIFS THERMOFUSIBLES A BASE DE POLYOLEFINE PRESENTANT DES PERFORMANCES DE TRAITEMENT ET DE LIAISON AMELIOREES**
[72] GRAY, STEVEN DANIEL, US
[72] FREUND, DAVID FREDERIC, US
[72] HAMANN, RICHARD EDWARD, US
[72] HU, MIAO, US
[72] FLORES, FABRICE NICOLAS-HENRI, FR
[71] BOSTIK, INC., US
[85] 2017-04-04
[86] 2015-10-13 (PCT/US2015/055363)
[87] (WO2016/061123)
[30] US (62/063,174) 2014-10-13

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[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **BISPECIFIC ANTIBODIES AGAINST CD3EPSILON AND ROR1 FOR USE IN THE TREATMENT OF OVARIAN CANCER**
[54] **ANTICORPS BISPECIFIQUES DIRIGES CONTRE CD3EPSILON ET ROR1 A UTILISER DANS LE TRAITEMENT DU CANCER DES OVAIRES**
[72] VU, MINH DIEM, CH
[72] STREIN, KLAUS, DE
[72] AST, OLIVER, CH
[72] FAUTI, TANJA, CH
[72] FREIMOSER-GRUNDSCHOBER, ANNE, CH
[72] HOSSE, RALF, CH
[72] KLEIN, CHRISTIAN, CH
[72] MOESSNER, EKKEHARD, CH
[72] MOSER, SAMUEL, CH
[72] MURR, RAMONA, CH
[72] UMANA, PABLO, CH
[72] JUNG-IMHOF, SABINE, DE
[72] KLOSTERMANN, STEFAN, DE
[72] MOLHOJ, MICHAEL, DE
[72] REGULA, JOERG, DE
[72] SCHAEFER, WOLFGANG, DE
[71] ENGMAB AG, CH
[85] 2017-04-05
[86] 2015-10-08 (PCT/EP2015/073309)
[87] (WO2016/055593)
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[30] EP (14188727.3) 2014-10-14
[30] EP (14188728.1) 2014-10-14

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[51] **Int.Cl. C12N 1/14 (2006.01) A01N 63/04 (2006.01)**
[25] EN
[54] **TRICHODERMA COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE TRICHODERMA ET PROCEDES D'UTILISATION**
[72] JACKSON, MARK A., US
[72] KOBORI, NILCE NAOMI, BR
[72] MASCARIN, GABRIEL M., BR
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[71] EMPRESA BRASILEIRA DE PESQUISA AGROPECUARIA - EMBRAPA, BR
[85] 2017-03-15
[86] 2015-09-16 (PCT/US2015/050484)
[87] (WO2016/044456)
[30] US (62/052,209) 2014-09-18
[30] US (14/801,998) 2015-07-17

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[13] A1
[51] **Int.Cl. B66B 7/02 (2006.01) G01C 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR INSTALLING GUIDE RAILS**
[54] **PROCEDE D'INSTALLATION DE RAILS DE GUIDAGE**
[72] PUNTENER, URS, CN
[72] BUNTSCHU, STEFAN, KR
[71] INVENTIO AG, CH
[85] 2017-04-05
[86] 2015-10-30 (PCT/EP2015/075217)
[87] (WO2016/066786)
[30] EP (14191138.8) 2014-10-30

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[13] A1
[51] **Int.Cl. C08F 290/06 (2006.01) C09D 7/12 (2006.01)**
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[54] **FLOW MODIFIERS FOR COATING COMPOSITIONS**
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[54] **AEROSOL-GENERATING SYSTEMS AND METHODS FOR GUIDING AN AIRFLOW INSIDE AN ELECTRICALLY HEATED AEROSOL-GENERATING SYSTEM**
[54] **SYSTEMES DE GENERATION D'AEROSOL ET PROCEDES POUR GUIDER UN FLUX D'AIR A L'INTERIEUR D'UN SYSTEME DE GENERATION D'AEROSOL ELECTRIQUEMENT CHAUFFE**
[72] MIRONOV, OLEG, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[72] FERNANDO, KEETHAN DASNAVIS, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **COMPOSITION D'ADDITIF ANTI-POUSSIERES POUR MATERIAU DE CONSTRUCTION**
[72] BARDIN, FRANCK, FR
[72] BAUER, THORSTEN, DE
[72] WESTELYNCK, ANTOINE, FR
[72] WIESSLER, ACHIM, DE
[71] TOTAL MARKETING SERVICES, FR
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[54] **SEAL ASSEMBLY FOR A TURBOMACHINE**
[54] **ENSEMBLE JOINT D'ETANCHEITE POUR UNE TURBOMACHINE**
[72] VICOGNE, LAURENT, FR
[72] VANDECAVEZ, ALAIN, FR
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[54] **PLASTICIZER COMPOSITION WHICH COMPRISES CYCLOALKYL ESTERS OF SATURATED DICARBOXYLIC ACIDS AND 1,2-CYCLOHEXANEDICARBOXYLIC ESTERS**
[54] **COMPOSITION DE PLASTIFIANT QUI COMPREND DES CYCLOALKYLE ESTERS D'ACIDES DICARBOXYLIQUES SATURES ET DES ESTERS 1,2-CYCLOHEXANEDICARBOXYLIQUES**
[72] PFEIFFER, MATTHIAS, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] GRIMM, AXEL, DE
[72] MORGENSTERN, HERBERT, DE
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[54] **SYSTEMES ET PROCEDES DE DETERMINATION DE PROVENANCE**
[72] RABIZADEH, SHAHROOZ, US
[72] SOON-SHIONG, PATRICK, US
[72] SANBORN, JOHN ZACHARY, US
[72] VASKE, CHARLES JOSEPH, US
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[54] **VEHICULE COMPRENANT UNE SUSPENSION A COMMANDE D'AMORTISSEMENT CONTINUE**
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[72] SCHEUERELL, ALEX R., US
[72] FRANKER, STEVEN R., US
[72] NYSSE, AARON J., US
[71] POLARIS INDUSTRIES INC., US
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[54] **METHODS FOR MANAGING FORMATION VOIDAGE REPLACEMENT IN WATERFLOOD PRODUCTION OPERATIONS TO INCREASE OIL RECOVERY**
[54] **PROCEDES DE GESTION DE REMPLACEMENT DE POROSITE DE FORMATION DANS DES OPERATIONS DE PRODUCTION PAR INJECTION D'EAU POUR AUGMENTER LA RECUPERATION DE PETROLE**
[72] VITTORATOS, EUTHIMIOS, US
[72] ZHU, ZHOUYUAN, US
[72] WEST, CHRISTOPHER, US
[72] BOCCARDO, GIOVANNA, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **PROCEDE DE PREPARATION DE GRANULES DE POLYURETHANE THERMOPLASTIQUE**
[72] SAINT-LOUP, RENE, FR
[72] GIMENEZ, JEROME, FR
[72] SAUTEL, HENRI, FR
[71] ROQUETTE FRERES, FR
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[54] **METHOD FOR THE POLYMERISATION OF (METH)ACRYLIC ACID IN SOLUTION**
[54] **PROCEDE DE POLYMERISATION DE L'ACIDE (METH)ACRYLIQUE EN SOLUTION**
[72] SUAU, JEAN-MARC, FR
[72] CHAMPAGNE, CLEMENTINE, FR
[71] COATEX, FR
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[54] **SYSTEME DE MONTAGE MULTI-POINTS POUR MACHINE ROTATIVE**
[72] ZAFFINO, DOMENICO, IT
[72] CAPANNI, FRANCESCO, IT
[72] CHECCACCI, EMANUELE, IT
[72] ROSSIN, STEFANO, IT
[72] MARCUCCI, DANIELE, IT
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[54] **CONTINUOUS ESTERIFICATION AND/OR AMIDIFICATION METHOD, WITHOUT ORGANIC SOLVENT, OF AN ACID COPOLYMER OR HOMOPOLYMER**
[54] **PROCEDE CONTINU D'ESTERIFICATION ET/OU D'AMIDIFICATION, SANS SOLVANT ORGANIQUE, D'UN HOMOPOLYMERE OU COPOLYMERE ACIDE**
[72] SUAU, JEAN-MARC, FR
[72] PLATEL, DAVID, FR
[72] CHAMPAGNE, CLEMENTINE, FR
[72] MATTER, YVES, FR
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[72] JANG, CHOONG HYO, KR
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[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[72] CHEATHAM, LLOYD R., US
[72] MCEVOY, TRAVIS KYLE, US
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[54] **METHOD FOR REDUCING NOX EMISSION IN A GAS TURBINE, AIR FUEL MIXER, GAS TURBINE AND SWIRLER**
[54] **PROCEDE POUR LA REDUCTION DES EMISSIONS DE NOX DANS UNE TURBINE A GAZ, MELANGEUR AIR-CARBURANT, TURBINE A GAZ ET DISPOSITIF DE TOURBILLONNEMENT**
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[71] NUOVO PIGNONE SRL, IT
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[54] **COMPOSITIONS DE PIEGEAGE D'OXYGENE NE NECESSITANT PAS DE PERIODE D'INDUCTION**
[72] AKKAPEDDI, MURALI K., US
[72] LYNCH, BRIAN A., US
[71] GRAHAM PACKAGING COMPANY, L.P., US
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[54] **KIT PERMETTANT D'AMELIORER L'ASPECT DE LA PEAU**
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[72] MATTS, PAUL JONATHAN, GB
[72] MOSBY, NICOLE ANNETTE, US
[72] CLARKE, COLIN JOHN, GB
[72] DAVIS, CHANDA JANESE, US
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[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **COMPOSITION DE REVETEMENT COMPRENANT UN AGENT ANTI-PEAU**
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[72] BRANDJES, CORNELIS, NL
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[54] **HUB DE DISTRIBUTION MODULEE D'AIR NEUF**
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[71] AERECO, FR
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[54] **PLASTICIZER COMPOSITION WHICH COMPRISES CYCLOALKYL ESTERS OF SATURATED DICARBOXYLIC ACIDS AND TEREPHTHALIC ESTERS**
[54] **COMPOSITION DE PLASTIFIANT QUI COMPREND DES CYCLOALKYLE ESTERS D'ACIDES DICARBOXYLIQUES SATURES ET DES ESTERS TEREPHTALIQUES**
[72] PFEIFFER, MATTHIAS, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] GRIMM, AXEL, DE
[72] MORGENSTERN, HERBERT, DE
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[54] **CONTENANT DESOXYBENZOINE COMPOSITIONS DE POLYMERES RETARDATRICES DE FLAMME**
[72] KRAMER, ROLAND HELMUT, DE
[72] WAGNER, SEBASTIAN, DE
[72] DEGLMANN, PETER, DE
[72] YAMAMOTO, MOTONORI, DE
[72] TODD, EMRICK, US
[72] MIR, AABID, US
[71] BASF SE, DE
[71] UNIVERSITY OF MASSACHUSETTS, US
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[54] **ASSEMBLY FOR COMPRESSING A BALL-VALVE SEAT**
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[72] LEDRAPPIER, FLORENT, FR
[72] LEFRANCOIS, MICHEL, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[71] TECHNETICS GROUP FRANCE SAS, FR
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[54] **APPARATUS FOR TREATING AND COOLING FOUNDRY MOULDING SAND**
[54] **APPAREIL DE TRAITEMENT ET REFROIDISSEMENT DE SABLE DE NOYAU DE FONDERIE**
[72] SEILER, ANDREAS, DE
[72] LI, FENG, CN
[72] GERL, STEFAN, DE
[72] EIRICH, PAUL, DE
[71] MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG, DE
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[54] **DEXTRANES GELIFIANTS POLYMERISES PAR VOIE ENZYMATIQUE**
[72] NAMBIAR, RAKESH, US
[72] GUAN, RONG, US
[72] CHENG, QIONG, US
[72] DICOSIMO, ROBERT, US
[72] PAULLIN, JAYME L., US
[72] LIANG, YUANFENG, US
[72] POWLEY, CHARLES R., US
[72] BRUN, YEFIM, US
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[54] **COMPOSITIONS DE VACCIN A MOUSSAGE REDUIT**
[72] GENIN, NOEL YVES HENRI JEAN, FR
[71] MERIAL INC., US
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[54] **LINEAR MOTION ASSEMBLY AND SLIDING MEMBER FOR USE IN A LINEAR MOTION ASSMEBLY**
[54] **ENSEMBLE A MOUVEMENT LINEAIRE ET ELEMENT COULISSANT DESTINE A ETRE UTILISE DANS UN ENSEMBLE A MOUVEMENT LINEAIRE**
[72] HAGAN, TIMOTHY J., US
[72] SPEICHER, JENS, DE
[72] PLIOSKA, LUKAS, DE
[72] JINDRA, ALEXANDER, DE
[72] SANCHEZ, ABE, US
[72] ECHIKSON, CHLOE, US
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[54] **PLATEAU DE POLISSAGE POUR OUTIL D'USINAGE DE FINITION DE SURFACES OPTIQUEMENT ACTIVES SUR DES VERRES DE LUNETTES**
[72] PHILIPPS, PETER, DE
[72] KAUFMANN, ANDREAS, DE
[72] WALLENDORF, STEFFEN, DE
[72] SCHAFER, HOLGER, DE
[71] SATISLOH AG, CH
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[54] **LIT COMPORTANT UNE DISPOSITIF DE COMMANDE LOGIQUE**
[72] PALASHEWSKI, WADE DANIEL, US
[72] ERKO, ROBERT, US
[72] NUNN, ROBERT, US
[72] REDZIC, GORDAN, US
[71] SELECT COMFORT CORPORATION, US
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[25] EN
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[54] **SYSTEME DE CONSTRUCTION DE JOUET ET PROCEDE POUR UNE STRUCTURE SPATIALE A DETECTER PAR UN DISPOSITIF ELECTRONIQUE COMPRENANT UN ECRAN TACTILE**
[72] DAWES, LAURENCE JAMES, DK
[71] LEGO A/S, DK
[85] 2017-04-10
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[72] BALL, BRIAN K., US
[72] KALIGIAN, RAYMOND A., US
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[72] LANGMAID, JOSEPH A., US
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[72] NAMJOSHI, ABHIJIT A., US
[72] SCHUETTE, CHAD V., US
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[54] **PROCEDE, SYSTEME ET APPAREIL DESTINES A AFFICHER DES VOIES D'INTERVENTION CHIRURGICALE**
[72] SELA, GAL, CA
[72] GALLOP, DAVID, CA
[72] DYER, KELLY NOEL, CA
[72] WITCOMB, NEIL, CA
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[72] VENTER, FRANCOIS, ZA
[72] WATT, TREVOR, ZA
[72] BIRKIN, CHRIS, ZA
[72] KOEKEMOER, ANDRE, ZA
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[54] **RESEAU DE SOUPAPE ET PROCEDE DE COMMANDE DE PRESSION A L'INTERIEUR D'UN CIRCUIT DE FLUIDE SUPERCRITIQUE DANS UN SYSTEME DE MOTEUR THERMIQUE DOTE D'UNE TURBOPOMPE**
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[72] VERMEERSCH, MICHAEL LOUIS, US
[71] ECHOGEN POWER SYSTEMS, L.L.C., US
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[72] OLIVE, REMI PHILIPPE OSWALD, FR
[72] DE MAESSCHALCK, CIS GUY MONIQUE, BE
[72] LAVAGNOLI, SERGIO, BE
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[72] MAHMOUDZADEH, MAHDI, FR
[72] GREBE, REINHARD, FR
[72] MALTERRE, LAURENT, FR
[72] SAFAIE, JAVAD, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE, FR
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[71] WANNER ENGINEERING, INC., US
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[72] RAINES, DAVID DREW, US
[72] HENDERSON, KENNETH C., US
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[72] ROSELIER, SAMUEL, FR
[71] SALTEL INDUSTRIES, FR
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[54] **IMPLANT CORNEEN COSMETIQUE ET SON PROCEDE D'IMPLANTATION**
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[72] NOWATSCHIN, STEPHAN, DE
[71] MEDINEERING GMBH, DE
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[72] WIDU, ALFRED, AT
[71] SPRINGER MASCHINENFABRIK GMBH, AT
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[72] CAVILLA, MATT, US
[72] CARLSTROM, STEVE, US
[71] MERIT MEDICAL SYSTEMS, INC., US
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[72] SHANG, BAOYUAN, CN
[72] LI, LEI, CN
[72] WANG, FENGYAN, CN
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[72] STARKE, JOHANNES, DE
[72] KRAUS, DANIEL, DE
[72] KOCH, SIMON, DE
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[71] VALLOUREC OIL AND GAS FRANCE, FR
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[72] KAMINSKY, ROBERT D., US
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[54] **PROCEDE ET APPAREIL DE RECEPTION ET D'EMISSION DE SIGNAL DE DIFFUSION**
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[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[71] LG ELECTRONICS INC., KR
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[54] **JONCTION MULTILATERALE AVEC ISOLEMENT DE PUITS DE FORAGE A L'AIDE D'ELEMENTS D'ISOLEMENT DEGRADABLES**
[72] HEPBURN, NEIL, GB
[72] TELFER, STUART ALEXANDER, GB
[72] BUTLER, BEN LUKE, US
[72] STEELE, DAVID JOE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[72] IVARSON, PETER-NEMO LORENS FREDRIK, SE
[71] SANSO FORVALTNING AB, SE
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[54] **PROCEDE D'ENREGISTREMENT D'IMAGE DU CORPS ENTIER ET PROCEDE PERMETTANT D'ANALYSER DES IMAGES DE CELUI-CI**
[72] KULLBERG, JOEL, SE
[72] AHLSTROM, HAKAN, SE
[72] STRAND, ROBIN, SE
[71] KULLBERG, JOEL, SE
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[54] **APPAREIL ET PROCEDES PERMETTANT DE RENDRE ETANCHE UNE PONCTION VASCULAIRE**
[72] HUNDERTMARK, RONALD R., US
[72] TO, KEVIN, US
[72] GUYER, CURT, US
[72] REPP, RICK, US
[72] SCHNITZER, MARTIN, US
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[72] LIU, YI, CN
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[54] **PROCEDE DE CHARGE RAPIDE POUR UNE BATTERIE AU LITHIUM D'UN SYSTEME D'ENTRAINEMENT DE MOTEUR SANS BALAIS A COURANT CONTINU**
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[72] LIAO, HUI, CN
[72] PENG, LIJUN, CN
[71] CHANGZHOU GLOBE CO., LTD., CN
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[54] **NOUVEAU TYPE DE DERIVE DE CYTIDINE ET APPLICATION DE CELUI-CI**
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[72] WANG, HAIDONG, CN
[72] LIU, XIN, CN
[72] WANG, HUIJUAN, CN
[72] LIEW, SIONG TERN, CN
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[54] **VECTEURS ET PROCEDES D'INTEGRATION CIBLEE DANS DES LOCI COMPRENANT DES GENES EXPRIMES DE FACON CONSTITUTIVE**
[72] STANLEY, ED, AU
[72] ELEFANTY, ANDREW, AU
[72] ELLIOTT, DAVID, AU
[72] LABONNE, TATIANA, AU
[71] MURDOCH CHILDRENS RESEARCH INSTITUTE, AU
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[54] **DISPOSITIFS ET PROCEDES DE DRAINAGE, DE PERFUSION OU D'INSTILLATION DE FLUIDES**
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[72] BAGAOISAN, CELSO, US
[72] PAI, SURESH SUBRAYA, US
[72] KOMLOS, FABIO, US
[71] MERIT MEDICAL SYSTEMS, INC., US
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[54] **A SYSTEM AND A METHOD FOR GENERATING STRESS LEVEL AND STRESS RESILIENCE LEVEL INFORMATION FOR AN INDIVIDUAL**
[54] **SYSTEME ET PROCEDE DE GENERATION D'INFORMATIONS DE NIVEAU DE STRESS ET DE NIVEAU DE RESISTANCE AU STRESS D'UN INDIVIDU**
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[72] FOSTER, STEPHEN AARON, AU
[71] GLOBAL STRESS INDEX PTY LTD, AU
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[54] **SYSTEME ET PROCEDE PERMETTANT DE GENERER UN PROFIL DE NIVEAUX DE STRESS ET DE NIVEAUX DE RESILIENCE AU STRESS DANS UNE POPULATION**
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[72] FOSTER, STEPHEN AARON, AU
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[54] **PROCEDE ET SYSTEME DE COMMANDE D'UNITE EXTERIEURE DE CLIMATISEUR**
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[72] ZHAO, ZHIGANG, CN
[72] REN, PENG, CN
[72] JIANG, SHIYONG, CN
[72] LIU, KEQIN, CN
[72] FENG, CHONGYANG, CN
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[54] **METHODE DE TRAITEMENT OU DE PREVENTION D'UN ACCIDENT VASCULAIRE CEREBRAL**
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[72] NILSSON, INGRID, SE
[72] LAWRENCE, DANIEL, US
[72] SU, ENMING JOE, US
[71] B-CREATIVE SWEDEN AB, SE
[71] CSL LIMITED, AU
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[54] **AMELIORATION DE LA CROISSANCE DE PLANTES A L'AIDE DE GOMMES GUARS CATIONIQUES**
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[72] CASTAING, JEAN-CHRISTOPHE, FR
[72] LABEAU, MARIE-PIERRE, FR
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[54] **RECEPTEUR HETERODIMERE SOLUBLE DE CELLULES T, ET SON PROCEDE DE PREPARATION ET SON UTILISATION**
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[72] FAN, HUI, CN
[71] GUANGZHOU XIANGXUE PHARMACEUTICAL CO. LTD, CN
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[54] **BINDER COMPOSITION AND PAINT FORMULATION MADE THEREOF**
[54] **COMPOSITION DE LIANTS ET FORMULATION DE PEINTURE CORRESPONDANTE**
[72] ZHANG, SHILING, CN
[72] YUN, DONG, CN
[72] WANG, YUJIANG, CN
[72] WANG, CAIFENG, CN
[72] ZUKOWSKI, LUKASZ, PL
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[72] LI, LING, CN
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[71] PLATFORMER SOLUTIONS LTD., CA
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[54] **SYSTEME POUR AFFICHER DES PLACES DE STATIONNEMENT**
[72] HOHENACKER, THOMAS, DE
[71] CLEVERCITI SYSTEMS GMBH, DE
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[54] **FORMATS DE TRAMES POUR LIAISON DE CANAUX ET TRANSMISSIONS MIMO**
[72] EITAN, ALECSANDER PETRU, US
[72] SANDEROVICH, AMICHAI, US
[71] QUALCOMM INCORPORATED, US
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[72] TJORHOM, SVEN EGIL, NO
[71] Z HOLDING AS, NO
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[54] **SYSTEM FOR CONVEYING A MEDIUM**
[54] **SYSTEME D'ACHEMINEMENT D'UN SUPPORT**
[72] LEWERENZ, JORG, DE
[72] BRANDT, JENS-UWE, DE
[72] BREDEMEIER, MARCO, DE
[71] ITT BORNEMANN GMBH, DE
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[54] **PLANTES SUPERIEURES GENETIQUEMENT MODIFIEES PRESENTANT UNE PHOTOSYNTHESE ET/OU UNE PRODUCTION DE BIOMASSE ACCRUES ET PROCEDES ET UTILISATIONS ASSOCIES**
[72] NOLKE, GRETA, DE
[72] SCHILLBERG, STEFAN, DE
[72] KREUTZALER, FRITZ, DE
[72] BARSOUM, MIRNA, DE
[72] FISCHER, RAINER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **RACCORD FILETE**
[72] MARTIN, PIERRE, FR
[71] VALLOUREC OIL AND GAS FRANCE, FR
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **CAPSULES SOUPLES DE CALCIFEDIOL**
[72] SUNE NEGRE, JOSEP MARIA, ES
[72] ORTEGA AZPITARTE, IGNACIO, ES
[72] DEL ARENAL BARRIOS, PEPA, ES
[72] HERNANDEZ HERRERO, GONZALO, ES
[71] FAES FARMA, S.A., ES
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[54] **COMPUTER IMPLEMENTED METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR SIMULATING THE BEHAVIOR OF A WOVEN FABRIC AT YARN LEVEL**
[54] **METHODE MISE EN OEUVRE PAR ORDINATEUR, SYSTEME ET PRODUIT-PROGRAMME D'ORDINATEUR POUR SIMULER LE COMPORTEMENT D'UN TISSU TISSE AU NIVEAU DU FIL**
[72] CIRIO, GABRIEL, IT
[72] OTADUY TRISTAN, MIGUEL ANGEL, ES
[72] MIRAUT ANDRES, DAVID, ES
[72] LOPEZ MORENO, JORGE, ES
[71] UNIVERSIDAD REY JUAN CARLOS, ES
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[54] **APPARATUS AND METHOD FOR MEASURING FLOWABLE SUBSTANCE AND ARRANGEMENT AND METHOD FOR CONTROLLING SOLID CONTENT OF FLOWABLE SUBSTANCE**
[54] **APPAREIL ET PROCEDE DE MESURE DE SUBSTANCE FLUIDE, ET AGENCEMENT ET PROCEDE DE REGULATION DE TENEUR EN SOLIDES DE SUBSTANCE FLUIDE**
[72] JAKKULA, PEKKA, FI
[71] SENFIT OY, FI
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[54] **PROCEDE DE MODIFICATION DE LA PUISSANCE D'UNE LENTILLE PHOTOCHROMIQUE**
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[72] SANDSTEDT, CHRISTIAN A., US
[71] RXSIGHT, INC., US
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[54] **DISPOSITIF D'ALIGNEMENT ORTHODONTIQUE COMPORTANT DES SEGMENTS ISOLES**
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[72] CHEN, JENNIFER C., US
[72] CHEN, YAN, US
[71] ALIGN TECHNOLOGY, INC., US
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[54] **COMPOSITIONS ET METHODES POUR TRAITER DES COMPLICATIONS POST-OPERATOIRES DE LA CHIRURGIE CARDIOPULMONAIRE**
[72] ABRAMOV, DAN, IL
[71] MOR RESEARCH APPLICATIONS LTD., IL
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[54] **GAS/LIQUID MIXING APPARATUS**
[54] **APPAREIL DE MELANGE GAZ/LIQUIDE**
[72] CAMPBELL, WADE, CA
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[54] **LED MODULE, METHODS OF MANUFACTURING SAME AND LUMINAIRE INTEGRATING SAME**
[54] **MODULE A DEL, SES PROCEDES DE FABRICATION ET LUMINAIRE L'INTEGRANT**
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[72] PIASKOWSKI, ANDREW, CA
[71] INDUSTRIES YIFEI WANG INC., CA
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[54] **SYSTEMES ET PROCEDES CONCUS POUR OPTIMISER DES OPERATIONS DE FRACTURATION DE FORMATION**
[72] MUTLU, OVUNC, US
[72] SAFARIFOROSHANI, MOHAMMAD REZA, US
[72] HUANG, JIAN, US
[72] SAINI, RAJESH K., US
[72] SMITH, CLAYTON S., US
[72] SAMUEL, MATHEW M., US
[72] SMITH, KERN L., US
[72] VIGDERMAN, LEONID, US
[72] TREYBIG, DUANE, US
[72] HWANG, CHIH-CHAU, US
[72] DESHPANDE, KEDAR M., US
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[54] **PROCEDE DE DETECTION D'ENTREE UTILISATEUR DANS UN ESPACE TRIDIMENSIONNEL ET SYSTEME D'ENTREE TRIDIMENSIONNEL EMPLOYANT CELUI-CI**
[72] LOWE, MATTHEW WILLIAM, CA
[72] DEHGHANIAN, VAHID, CA
[71] ZEROKEY INC., CA
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[25] EN
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[54] **DISPOSITIF DE REGULATION D'ECOULEMENT POUR CONVECTEUR**
[72] MASSIMINO, GIANPIERO, IT
[71] CHORE-TIME EUROPE B.V., NL
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[25] EN
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[54] **VANNE DE NOYAGE COMPORTANT UN DRAIN DE SIEGE DE VANNE**
[72] WEINGARTEN, ZVI, IL
[71] BERMAD CS LTD., IL
[85] 2017-05-10
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[25] EN
[54] **SEPARATING MEMBRANE WITH IMPROVED ADHESION AND PROCESS FOR OBTAINING IT**
[54] **MEMBRANE DE SEPARATION DOTEE D'UNE ADHERENCE AMELIOREE ET SON PROCEDE DE PRODUCTION**
[72] CAIS, FEDERICO, IT
[72] BUSATTA, NICOLA, IT
[72] PAVAN, RENATO, IT
[71] TEMA - TECHNOLOGIES AND MATERIALS SRL, IT
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[54] **PROCEDE D'ANALYSE DE MICROBIOME**
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[72] ELINAV, ERAN, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
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[51] **Int.Cl. B61F 1/10 (2006.01) B61D 15/06 (2006.01) B61G 11/16 (2006.01)**
[25] EN
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[54] **VEHICULE FERROVIAIRE**
[72] SATO, TETSURO, JP
[72] HAYASHI, KENTARO, JP
[72] MATSUO, NAOSHIGE, JP
[71] NIPPON SHARYO, LTD., JP
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[51] **Int.Cl. H04N 21/236 (2011.01)**
[25] EN
[54] **TRANSMITTING APPARATUS, TRANSMITTING METHOD, RECEIVING APPARATUS, AND RECEIVING METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION, ET PROCEDE DE RECEPTION**
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[71] SONY CORPORATION, JP
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[54] **STRUCTURE DE JOINT EN T**
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[72] NAKAZAWA, YOSHIAKI, JP
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[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **VEHICULE FERROVIAIRE**
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[72] HAYASHI, KENTARO, JP
[72] MATSUO, NAOSHIGE, JP
[71] NIPPON SHARYO, LTD., JP
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[72] NAOR, GIL, IL
[72] NETA, YIFTAH, IL
[72] GEVA, AVNER, IL
[72] MEYER-BRODNITZ, GIDEON, IL
[71] MITRASSIST MEDICAL LTD., IL
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[54] **ROUND-TRIP DELAY TIME MEASUREMENT SYSTEM, ROUND-TRIP DELAY TIME MEASUREMENT METHOD, RETURN METHOD, COMMUNICATION DEVICE, PROGRAM, AND DATA STRUCTURE**
[54] **SYSTEME DE MESURE DE TEMPS DE RETARD D'ALLER-RETOUR, PROCEDE DE MESURE DE TEMPS DE RETARD D'ALLER-RETOUR, DISPOSITIF, PROGRAMME ET STRUCTURE DE DONNEES DE COMMUNICATION**
[72] SUZUKI, MOTOHIRO, JP
[72] ANETAI, KANAKO, JP
[71] NEC CORPORATION, JP
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[54] **DISPOSITIF DE SEPARATION DU CO2 DANS UN GAZ, SON PROCEDE DE SEPARATION MEMBRANAIRE ET PROCEDE DE CONTROLE DE SEPARATION MEMBRANAIRE DU DISPOSITIF DE SEPARATION DU CO2 DANS UN GAZ**
[72] HIRATA, TAKUYA, JP
[72] HORIZOE, KOUJI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**
[54] **DISPOSITIF D'EMISSION, PROCEDE D'EMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] KITAZATO, NAOHISA, JP
[72] YAMAGISHI, YASUAKI, JP
[72] KITAHARA, JUN, JP
[71] SONY CORPORATION, JP
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[54] **ELEMENT D'ETANCHEITE ET DISPOSITIF FLUIDIQUE POURVU DE CELUI-CI**
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[71] KYB CORPORATION, JP
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[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] TAKAHASHI, KAZUYUKI, JP
[72] KITAZATO, NAOHISA, JP
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[54] **WIRELESS TERMINAL, COMPUTER READABLE MEDIUM STORING APPLICATION PROGRAM , AND METHOD**
[54] **TERMINAL RADIO, SUPPORT LISIBLE PAR ORDINATEUR SUR LEQUEL DES PROGRAMMES D'APPLICATION ONT ETE STOCKES ET PROCEDE**
[72] WAKAFUJI, KENJI, JP
[72] ASAI, SHIGERU, JP
[72] SHIBOUTA, HIDETO, JP
[72] ONO, MASAKAZU, JP
[72] WATANABE, SHINGO, JP
[72] KUDOU, MASATO, JP
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[72] TAN, BEE KWAN, MY
[71] INQPHARM GROUP SDN BHD, MY
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[54] **COMPOSITION A BASE DE KIWI A CHAIR JAUNE AINSI QUE SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] ANSELL, JULIET, NZ
[72] BLATCHFORD, PAUL, NZ
[71] ANAGENIX IP LIMITED, NZ
[85] 2017-05-10
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[54] **NOUVEAU SULFATE DE DEXTRANE**
[72] BRUCE, LARS, SE
[72] BRASEN, ULF, SE
[71] TX MEDIC AB, SE
[85] 2017-05-10
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[54] **TAMPON D'INCONTINENCE A PRESSION AMELIOREE ET PROCEDES**
[72] ZILM, WILLIAM M., US
[71] ZILM, WILLIAM M., US
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[54] **DIAGRAPHIE DE DEBLAIS DE FORAGE A PLUSIEURS INSTRUMENTS INDEXEE SUR DES ATTRIBUTS**
[72] HU, DANDAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ARRANGEMENT AND METHOD FOR FORCE COMPENSATION IN ELECTRICAL MACHINES**
[54] **AGENCEMENT ET PROCEDE POUR LA COMPENSATION DE FORCE DANS DES MACHINES ELECTRIQUES**
[72] LUNDIN, URBAN, SE
[72] PEREZ-LOYA, J JOSE, SE
[72] ABRAHAMSSON, JOHAN, SE
[71] MAGSTROM AB, SE
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[54] **COMPOSITIONS AND METHODS FOR SUPPRESSION OF INHIBITOR FORMATION AGAINST FACTOR VIII IN HEMOPHILIA A PATIENTS**
[54] **COMPOSITIONS ET PROCEDES POUR LA SUPPRESSION DE LA FORMATION D'UN INHIBITEUR CONTRE LE FACTEUR VIII DE L'HEMOPHILIE A CHEZ DES PATIENTS PAR ADMINISTRATION D'ANTIGENES BIOENCAPSULES DANS DES CELLULES VEGETALES**
[72] HERZOG, ROLAND W., US
[72] DANIELL, HENRY, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
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[54] **TECHNIQUES TO TRANSFORM NETWORK RESOURCE REQUESTS TO ZERO RATED NETWORK REQUESTS**
[54] **TECHNIQUES DESTINEES A TRANSFORMER DES DEMANDES DE RESSOURCES DE RESEAU EN DEMANDES DE RESEAU NON FACTUREES**
[72] GHANDI, SHAHEEN A., US
[72] SCHEIDEGGER, LUIZ F., US
[72] ROBERTO, BRENO P., US
[72] RUIBAL, PETER A., US
[72] SCHWARTZ, MARCUS E., US
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[54] **METHODS AND APPARATUSES FOR DERIVING WELLBORE FLUID SAG FROM THERMAL CONDUCTIVITY MEASUREMENTS**
[54] **PROCEDES ET APPAREILS DE DERIVATION DE SEDIMENTATION DE FLUIDE DE PUITS DE FORAGE A PARTIR DE MESURES DE CONDUCTIVITE THERMIQUE**
[72] JAMISON, DALE E., US
[72] MCDANIEL, CATO RUSSELL, US
[72] NEWMAN, KATERINA V., US
[72] YE, XIANGNAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **COATING LIQUID FOR FORMING PLANARIZATION FILM AND METAL FOIL COIL WITH PLANARIZATION FILM**
[54] **LIQUIDE DE REVETEMENT PERMETTANT LA FORMATION DE FILM DE NIVELLEMENT, ET BOBINE DE FEUILLE METALLIQUE POURVUE DU FILM DE NIVELLEMENT**
[72] YAMADA, NORIKO, JP
[72] YAMAGUCHI, SAWAKO, JP
[72] NOSE, KOICHI, JP
[71] NIPPON STEEL & SUMIKIN MATERIALS CO., LTD., JP
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[54] **ARTICLE MOULE CREUX PRESENTANT UNE EXCELLENTE GLISSANCE DE LIQUIDE AQUEUX**
[72] AKUTSU, YOSUKE, JP
[72] IWAMOTO, SHINYA, JP
[71] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
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[54] **ROLLED STEEL BAR OR ROLLED WIRE ROD FOR COLD-FORGED COMPONENT**
[54] **BARRE D'ACIER LAMINE OU MATERIAU LAMINE FILAIRE POUR ELEMENT FORGE A FROID**
[72] MATSUI, NAOKI, JP
[72] NEISHI, YUTAKA, JP
[72] CHIDA, TETSUSHI, JP
[72] OBATA, AKIHISA, JP
[72] HORI, SHOJI, JP
[72] CHIBA, KEISUKE, JP
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[25] EN
[54] **REAL TIME DRILLING FLUID RHEOLOGY MODIFICATION TO HELP MANAGE AND MINIMIZE DRILL STRING VIBRATIONS**
[54] **MODIFICATION DE RHEOLOGIE DE FLUIDE DE FORAGE EN TEMPS REEL POUR CONTRIBUER A CONTROLER ET REDUIRE AU MINIMUM LES VIBRATIONS D'UN TRAIN DE TIGES DE FORAGE**
[72] TEODORESCU, SORIN G., US
[72] JAMISON, DALE E., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMMUNICATION SANS FIL DE FOND DE TROU HAUTE EFFICACITE**
[72] NGUYEN, QUANG HUY, SG
[72] HUANG, WEI HSUAN, SG
[72] MA, JIN, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITIONS FOR TREATING ACUTE, POST-OPERATIVE, OR CHRONIC PAIN AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE LA DOULEUR AIGUE, POST-OPERATOIRE OU CHRONIQUE, ET LEURS PROCEDES D'UTILISATION**
[72] CRISCIONE, JASON, M., US
[72] WERTH, NICHOLAS, B., US
[72] REYNOLDS, FRANCIS, M., US
[72] DAI, HAINING, US
[72] LANGER, ROBERT, S., US
[72] ARMSTRONG, PATRICK, A., US
[72] CHEN, XI, US
[71] PIXARBIO CORPORATION, US
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[25] EN
[54] **RECEPTION DEVICE, RECEPTION METHOD, TRANSMISSION DEVICE, AND TRANSMISSION METHOD**
[54] **DISPOSITIF DE RECEPTION, PROCEDE DE RECEPTION, DISPOSITIF D'EMISSION ET PROCEDE D'EMISSION**
[72] MICHAEL, LACHLAN BRUCE, JP
[72] YOSHIMOCHI, NAOKI, JP
[72] YAMAMOTO, MAKIKO, JP
[71] SONY CORPORATION, JP
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[54] **COMMANDE DE FACE DE COUPE AVEC MODULATION DE LARGEUR D'IMPULSIONS**
[72] NANAYAKKARA, RAVI P., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **BAGUE D'APPUI PRE-EXCITEE REUTILISABLE**
[72] COBB, JAMES H., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **CONDUIT FITTING WITH COMPONENTS ADAPTED FOR FACILITATING ASSEMBLY**
[54] **RACCORD DE CONDUIT A COMPOSANTS CONCUS POUR FACILITER L'ASSEMBLAGE**
[72] TRIVETT, DANIEL G., US
[72] WILLIAMS, PETER C., US
[72] BROWN, CAL R., US
[72] CAMPBELL, RONALD P., US
[72] KNAGGS, WILLIAM J., US
[72] MCCLURE, DOUGLAS J., US
[72] WELCH, DOUGLAS S., US
[72] ZABORSZKI, STEPHEN J., US
[72] GOTCH, JAMES E., US
[72] DORONY, CONNOR M., US
[72] MARSHALL, ANDREW P., US
[72] RUBINSKI, JEFFREY J., US
[72] BHAMIDIPATI, PRASANNA S., US
[72] KALATA, GREGORY S., US
[71] SWAGELOK COMPANY, US
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[25] EN
[54] **NONWOVEN CARBON FIBER FABRIC, PROCESS FOR PRODUCING NONWOVEN CARBON FIBER FABRIC, AND POLYMER ELECTROLYTE FUEL CELL**
[54] **TISSU DE FIBRE DE CARBONE NON-TISSE, PROCEDE DE PRODUCTION DE TISSU DE FIBRE DE CARBONE NON-TISSE, ET PILE A COMBUSTIBLE A MEMBRANE ELECTROLYTIQUE POLYMERE**
[72] KAJIWARA, KENTARO, JP
[72] SHIMOYAMA, SATORU, JP
[72] HORINOUCHI, AYANOBU, JP
[72] HORIGUCHI, TOMOYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
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[25] EN
[54] **FLEXOGRAPHIC PRINTING PLATE WITH IMPROVED CURE EFFICIENCY**
[54] **PLAQUE D'IMPRESSION FLEXOGRAPHIQUE AVEC UNE EFFICACITE DE DURCISSEMENT AMELIOREE**
[72] BOUKAFTANE, CHOUAIB, US
[71] MACDERMID PRINTING SOLUTIONS, LLC, US
[85] 2017-05-10
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[54] **OFF-ROAD ROLLING FILM VISION SYSTEM**
[54] **SYSTEME DE VISION DE FILM A ENROULEMENT TOUT-TERRAIN**
[72] KULIK, MARK, US
[71] KULIK, MARK, US
[85] 2017-05-10
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[54] **OCT SURGICAL VISUALIZATION SYSTEM WITH MACULAR CONTACT LENS**
[54] **SYSTEME DE VISUALISATION CHIRURGICALE OCT AVEC LENTILLE DE CONTACT MACULAIRE**
[72] YU, LINGFENG, US
[72] SHOFMAN, VADIM, US
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[72] HAIL, DAVID, US
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[54] **COMPOSITIONS ANTI-HCMV ET PROCEDES**
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[72] SUN, QUN, US
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[54] **BAGAGE ROULANT A PLUSIEURS MODES DE TRANSPORT**
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[72] FAIR, PAUL, US
[72] THOMPSON, JESSE, US
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[54] **CATHETER INTRAVEINEUX DE SECURITE AVEC ATTACHE EN V S'EMBOITANT ET ASSURANT LA CAPTURE DE LA POINTE D'AIGUILLE**
[72] STOKES, JOHN, US
[72] SHEVGOOR, SIDDARTH K., US
[72] BORNHOFT, STEPHEN T., US
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[54] **UTILISATION DE DIANHYDROGALACTITOL EN COMBINAISON AVEC DES RAYONS, POUR TRAITER LE CANCER DU POUMON NON A PETITES CELLULES ET LE GLIOBLASTOME MULTIFORME**
[72] BACHA, JEFFREY A., CA
[72] BROWN, DENNIS M., US
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[54] **PROCEDE DE RECUPERATION D'HYDROCARBURES A L'INTERIEUR D'UNE FORMATION SOUTERRAINE**
[72] SYMINGTON, WILLIAM A., US
[72] CLAYTON, ERIK H., US
[72] KAMINSKY, ROBERT D., US
[72] MANAK, LARRY J., US
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[54] **PROCEDE ET SYSTEME D'ENREGISTREMENT EN BOUCLES PROGRAMMABLES**
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[54] **TRAITEMENT DE RETINITE PIGMENTAIRE AVEC UN N-ACETYLCYSTEINE AMIDE**
[72] CAMPOCHIARO, PETER A., US
[72] HARTMAN, DANIEL, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] NACUITY PHARMACEUTICALS, INC., US
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[54] **SONDE A PARAMETRES MULTIPLES SUBMERSIBLE AYANT UN CAPTEUR DE FACTEUR DE FORME DE CAPTEUR ELEVE**
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[72] SEWELL, STEVEN COLLIN, US
[72] MCKEE, DUANE B., US
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[54] **DISPOSITIFS EXPANSIBLES D'ADMINISTRATION DE MEDICAMENT ET METHODE D'UTILISATION**
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[72] CAMPBELL, RANDOLPH E., US
[72] DOUD, DARREN G., US
[72] ERICKSON, SIGNE R., US
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[54] **DERIVES D'ACIDES AMINES ET LEURS UTILISATIONS**
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[72] GEONNOTTI, ANTHONY R., III, US
[72] GIANO, MICHAEL C., US
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[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT AVEC DES PROMEDICAMENTS DU TIZOXANIDE, UN ANALOGUE OU UN SEL DE CELUI-CI**
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[72] STACHULSKI, ANDREW, US
[71] ROMARK LABORATORIES, L.C., US
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[54] **COMPOSITIONS POUR LE TRAITEMENT DE DOULEUR AIGUE, POST-OPERATOIRE OU CHRONIQUE ET PROCEDES POUR LES UTILISER**
[72] ARMSTRONG, PATRICK A., US
[72] CHEN, XI, US
[72] CRISCIONE, JASON M., US
[72] WERTH, NICHOLAS B., US
[72] REYNOLDS, FRANCIS M., US
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[54] **IMMUNOTHERAPIE DU CANCER UTILISANT DES PARTICULES VIRALES**
[72] STEINMETZ, NICOLE F., US
[72] WEN, AMY M., US
[72] FIERING, STEVEN, US
[72] LIZOTTE, PATRICK H., US
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[54] **SEQUENCES D'IMPULSIONS POUR RESONANCE MAGNETIQUE A FAIBLE CHAMP**
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[72] ROSEN, MATTHEW SCOT, US
[72] CHARVAT, GREGORY L., US
[72] ROTHBERG, JONATHAN M., US
[72] SARRACANIE, MATHIEU, US
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[54] **SYSTEMES ET PROCEDES DE COMMANDE APPROPRIES POUR UNE UTILISATION AVEC DES SYSTEMES ET DES PROCEDES DE PRODUCTION D'ENERGIE**
[72] FETVEDT, JEREMY ERON, US
[72] ALLAM, RODNEY JOHN, GB
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[54] **ENSEMBLES DE RAFFINAGE ET PROCEDES DE RAFFINAGE POUR DU GAZ NATUREL RICHE**
[72] EDLUND, DAVID J., US
[71] ELEMENT 1 CORP., US
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[54] **SYSTEME DE SURVEILLANCE & D'AUDIT DE MULTIPLES CONVERSATIONS**
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[72] WHITEHOUSE, JAMES, US
[71] ZENIMAX MEDIA INC., US
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[54] **VETEMENT DE SPORT A PLASTRON EN LICOU**
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[71] BELL SPORTS, INC., US
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[54] **SYSTEME DE GESTION ACTIVE DE SIGNAUX D'INTERET PAR L'UTILISATEUR**
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[54] **ENSEMBLE DE FIXATION D'OS**
[72] BUTTERMANN, GLENN R., US
[71] DYNAMIC SPINE, LLC, US
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[54] **ANTICORPS ANTI-PROTEOGLYCANE DE CHONDROITINE-SULFATE 4 ET UTILISATIONS DE CEUX-CI**
[72] FERRONE, SOLDANO, US
[72] CHEUNG, NAI-KONG V., US
[72] CHENG, MING, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[54] **SYSTEMES AUTONOMES ET PROCEDES POUR UN ACCES SECURISE**
[72] JUSTIN, RONALD LANCE, US
[72] ELDEN, CHARLES, US
[72] KARRO, JARED, US
[72] TUCKER, MARK, US
[71] TEMPORAL DEFENSE SYSTEMS, LLC, US
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[54] **TRAITEMENT DE L'INTOLERANCE A L'ALIMENTATION ENTERALE**
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[72] JAMES, JOYCE, US
[72] HARRIS, M. SCOTT, US
[71] LYRIC PHARMACEUTICALS INC., US
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[54] **PREPREGS, CORES AND COMPOSITE ARTICLES INCLUDING EXPANDABLE GRAPHITE MATERIALS**
[54] **PREIMPREGNES, NOYAUX ET ARTICLES COMPOSITES COMPRENANT DES MATERIAUX DE GRAPHITE EXPANSIBLE**
[72] TSENG, YU-TSAN, US
[72] WANG, RUOMIAO, US
[72] MASON, MARK O., US
[72] ROBERTZ, TROY D., US
[72] VORENKAMP, ERICH J., US
[71] HANWHA AZDEL, INC., US
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[54] **MASQUE EN METAL BACTERICIDE OU EN ALLIAGE METALLIQUE BACTERICIDE**
[72] KUHN, PHYLLIS, US
[71] KUHN, PHYLLIS, US
[85] 2017-05-10
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[54] **DISPOSITIF PORTATIF ET MODULAIRE POUR EXERCICE DE DANSE A LA BARRE**
[72] KWO, JENNIE, US
[71] FLUIDITY ENTERPRISES, INC., US
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[54] **BOTTLE AND METHOD OF USING**
[54] **BOUTEILLE ET PROCEDE D'UTILISATION**
[72] MIROS, ROBERT H. J., US
[72] BALLARD, BRITTANY V., US
[71] PLANETBOX, LLC, US
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[54] **BED SYSTEMS AND METHODS**
[54] **SYSTEMES DE LIT ET PROCEDES ASSOCIES**
[72] RESSEL, TAYLOR ALLEN, US
[72] JOHNSON, MICHAEL KARL, US
[71] KAP MEDICAL, INC., US
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[72] HAIMOVITZ-FRIEDMAN, ADRIANA, US
[72] SALA, EVIS, US
[72] FUKS, ZVI, US
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[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE (SLA)**
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[72] HOU, JINZHAO, US
[72] NONNENMACHER, MATHIEU E., US
[72] ZHOU, PENGCHENG, US
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[54] **SYSTEME ET PROCEDE DESTINES A LA LECTURE VIDEO EN CONTINU ADAPTATIVE AYANT UNE SEGMENTATION ET UNE DIFFUSION A QUALITE EQUIVALENTE**
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[71] VIDEOPURA, LLC, US
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[72] REEVES, JOSEPH, US
[72] RAMAKRISHNAN, JAYANT, US
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[72] HABER, TYLER, US
[72] RAU, PETER, US
[72] HIRSCH, KEITH, US
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[54] **PROCEDES DE FABRICATION DE TREPROSTINIL ET PROMEDICAMENTS DERIVES DE TREPROSTINIL**
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[72] PERKINS, WALTER, US
[72] LEIFER, FRANZISKA, US
[72] KONICEK, DONNA M., US
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[72] WHITACRE, TIM, US
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[71] PERMA-FIX ENVIRONMENTAL SERVICES, INC., US
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[72] BALLANCE, DAVID JAMES, US
[71] PHASEBIO PHARMACEUTICALS, INC., US
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[72] THOMAS, BENSON, US
[72] LIESS, MARTIN, DE
[72] KIESS, CHRISTIAN, DE
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[54] **COMPOSITIONS CATALYTIQUES A BASE DE CHROME POUR LA POLYMERISATION D'OLEFINES**
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[72] MOORHOUSE, JOHN H., US
[72] KHOKHANI, PARUL A., US
[72] TAMARGO, TOMAS T., US
[72] GROSS, KEVIN R., US
[72] GOODE, MARK G., US
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[54] **APPAREIL ET PROCEDES POUR L'EXTRACTION ET LA DISTRIBUTION DE BOISSONS PRETES A BOIRE**
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[72] GARIBAY, FERNANDO, US
[72] VERWEY, EMILY, US
[71] PRESSED JUICERY, LLC, US
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[54] **INTERFACE UTILISATEUR INTEGREE POUR ETAT ET COMMANDE D'UNE SONDE A PARAMETRES MULTIPLES SUBMERSIBLE**
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[54] **CAPTEUR DE CONDUCTIVITE A FACE PLATE NETTOYABLE**
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[72] MCKEE, DUANE B., US
[72] SEWELL, STEVEN COLLIN, US
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[54] **CAPTEUR COMPACT POUR MESURER LA TURBIDITE OU LA FLUORESCENCE DANS UN ECHANTILLON DE FLUIDE**
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[72] SEWELL, STEVEN COLLIN, US
[71] IN-SITU, INC., US
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[54] **SYSTEMES DE SURVEILLANCE D'ANALYTE ET PROCEDES DE SURVEILLANCE ET DE TEST ASSOCIES**
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[72] MICKLE, TRAVIS, US
[72] GUENTHER, SVEN, US
[72] BERA, SANJIB, US
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[72] DESJARLAIS, JOHN, US
[72] BERNETT, MATTHEW, US
[72] CHU, SEUNG, US
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[72] MUCHHAL, UMESH, US
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[72] NAHAS, MICHELLE, US
[72] LIPSON, DORON, US
[71] FOUNDATION MEDICINE, INC., US
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[54] **MOLECULES PRESENTANT UNE UTILITE EN TANT QUE PESTICIDES, ET INTERMEDIAIRES, COMPOSITIONS ET PROCEDES ASSOCIES**
[72] GIAMPIETRO, NATALIE C., US
[72] BAUM, ERICH W., US
[72] FISCHER, LINDSEY G., US
[72] GOLDSMITH, MIRIAM E., US
[72] CROUSE, GARY D., US
[72] RENGA, JAMES M., US
[72] SPARKS, THOMAS C., US
[71] DOW AGROSCIENCES LLC, US
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[54] **TOWEL WITH QUALITY WET SCRUBBING PROPERTIES AND AN APPARATUS AND METHOD FOR PRODUCING SAME**
[54] **SERVIETTE AVEC PROPRIETES D'ESSUYAGE HUMIDE DE QUALITE, APPAREIL ET PROCEDE POUR SA PRODUCTION**
[72] MILLER, BYRD, TYLER, US
[72] RAMARATNAM, KARTHIK, US
[72] KESSLING, COURTNEY E., US
[72] PENCE, JUSTIN, S., US
[72] SEALEY, JAMES, E., US
[72] GAHAN, SHANNON, US
[72] ANKLAM, CHRIS, B., US
[72] ANDRUKH, TARAS, Z., US
[71] FIRST QUALITY TISSUE, LLC, US
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[54] **TOLL-FREE TELECOMMUNICATIONS MANAGEMENT PLATFORM**
[54] **PLATE-FORME DE GESTION D'APPEL GRATUIT**
[72] SHARMA, SRIRAM, US
[72] CARTER, WILLIAM, US
[72] BHAT, MANISHA, US
[72] CARTER, PAMELA J., US
[72] CHAUHAN, SANJEEV, US
[72] KARNAS, RYAN, US
[72] KIMMEL, MICHAEL, US
[72] WONG, SUK YEE, US
[71] SOMOS, INC., US
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[54] **PLATEFORME DE SERINGUE POLYVALENTE**
[72] VEDRINE, LIONEL, US
[72] ROE, STEVEN N., US
[72] PATEL, MUKUND, US
[71] GENENTECH, INC., US
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[54] **POLYMER-ENCAPSULATED PIGMENT PARTICLE**
[54] **PARTICULE PIGMENTAIRE ENCAPSULEE DANS DU POLYMERE**
[72] NESS, JASON, US
[71] VALSPAR SOURCING, INC., US
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[54] **ELECTROCHEMICAL SYSTEMS INCORPORATING IN SITU SPECTROSCOPIC DETERMINATION OF STATE OF CHARGE AND METHODS DIRECTED TO THE SAME**
[54] **SYSTEMES ELECTROCHIMIQUES COMPRENANT UNE DETERMINATION SPECTROSCOPIQUE IN SITU DE L'ETAT DE CHARGE, ET PROCEDES ASSOCIES**
[72] PIJERS, JOSEPH JOHANNES HENRICUS, US
[71] LOCKHEED MARTIN ADVANCED ENERGY STORAGE, LLC, US
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[54] **COMPOSITIONS AND METHODS FOR PERFORMING METHYLATION DETECTION ASSAYS**
[54] **COMPOSITIONS ET PROCEDES POUR EFFECTUER DES ESSAIS DE DETECTION DE METHYLATION**
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[72] LIDGARD, GRAHAM P., US
[71] EXACT SCIENCES CORPORATION, US
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[54] **MAGNIFICATION IN OPHTHALMIC PROCEDURES AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS**
[54] **AGRANDISSEMENT AU COURS D'INTERVENTIONS OPHTALMIQUES AINSI QUE DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES**
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[72] YU, LINGFENG, US
[71] NOVARTIS AG, CH
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[54] **AEROSOL GENERATING APPARATUS WITH INTERCHANGEABLE PARTS**
[54] **APPAREIL DE GENERATION D'AEROSOL A PIECES INTERCHANGEABLES**
[72] KAO, LAURENCE, TW
[72] CHEN, YI-TONG, TW
[72] LIN, SHENG-KAI, TW
[72] TSAI, TING-KAI, TW
[72] CHEN, PO-CHUAN, TW
[71] MICROBASE TECHNOLOGY CORP, TW
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[54] **CONVEYING OF EMULSION EXPLOSIVE**
[54] **ACHEMINEMENT D'EXPLOSIF A EMULSION**
[72] TAN, SU NEE, AU
[72] MORTON, DARREN, AU
[71] ORICA INTERNATIONAL PTE LTD, SG
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[72] FAIGEN, PHILIP DAVID, AU
[71] FAIGEN, PHILIP DAVID, AU
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[51] **Int.Cl. A61B 5/06 (2006.01) A61B 5/055 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DEVICE TRACKING VIA MAGNETIC RESONANCE IMAGING WITH LIGHT-MODULATED MAGNETIC SUSCEPTIBILITY MARKERS**
[54] **SYSTEME ET PROCEDE DE SUIVI DE DISPOSITIF PAR IMAGERIE PAR RESONANCE MAGNETIQUE A L'AIDE DE MARQUEURS A SUSCEPTIBILITE MAGNETIQUE A MODULATION DE LUMIERE**
[72] CUNNINGHAM, CHARLES, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
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[25] EN
[54] **METHOD FOR TREATING A BRAIN TUMOUR**
[54] **METHODE DE TRAITEMENT D'UNE TUMEUR CEREBRALE**
[72] DIRKS, PETER, CA
[72] DOLMA, SONAM, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
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[86] 2015-11-13 (PCT/CA2015/051185)
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[25] EN
[54] **METHOD FOR SCAVENGING FREE FORMALDEHYDE USING MULTIFUNCTIONAL SCAVENGER FOR WOODEN COMPOSITE PRODUCTS WITH UREA-FORMALDEHYDE RESIN**
[54] **PROCEDE DE PIEGEAGE DE FORMALDEHYDE LIBRE A L'AIDE D'UN PIEGEUR MULTIFONCTION DESTINE AUX PRODUITS COMPOSITES EN BOIS COMPRENANT DE LA RESINE UREE-FORMALDEHYDE**
[72] ZHANG, YAOLIN, CA
[72] WANG, XIANG-MING, CA
[72] GAO, ZHENHUA, CN
[71] FPINNOVATIONS, CA
[85] 2017-05-11
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[25] EN
[54] **MODULATION OF DOPAMINE RECEPTOR TO PROMOTE NEURAL CELL DIFFERENTIATION**
[54] **MODULATION D'UN RECEPTEUR DOPAMINERGIQUE POUR ACTIVER UNE DIFFERENCIATION DE CELLULES NEURONALES**
[72] DIRKS, PETER, CA
[72] DOLMA, SONAM, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
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[54] **RECYCLABLE COMPOSITE CONTAINER**
[54] **RECIPIENT COMPOSITE RECYCLABLE**
[72] GUERTIN, RICHARD, CA
[71] GUERTIN, RICHARD, CA
[85] 2017-05-11
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[25] EN
[54] **HEAVY VEHICLE LIFTING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE LEVAGE POUR VEHICULES LOURDS**
[72] BELLEY, CHRISTIAN, CA
[72] BELLEY, ROBIN, CA
[71] 3991814 CANADA INC., CA
[85] 2017-05-11
[86] 2015-12-01 (PCT/CA2015/051254)
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[30] US (62/085,675) 2014-12-01
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[51] **Int.Cl. E21B 47/24 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **FLUID PRESSURE PULSE GENERATOR FOR A DOWNHOLE TELEMETRY TOOL**
[54] **GENERATEUR D'IMPULSIONS DE PRESSION DE FLUIDE POUR UN OUTIL DE TELEMESURE DE FOND DE TROU**
[72] STACK, LUKE, CA
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] LEE, GAVIN GAW-WAE, CA
[71] EVOLUTION ENGINEERING INC., CA
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[51] **Int.Cl. H04N 19/20 (2014.01) H04N 19/17 (2014.01) G08G 1/00 (2006.01)**
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[54] **SYSTEM AND METHOD FOR COMPRESSING VIDEO DATA**
[54] **SYSTEME ET PROCEDE POUR COMPRESSER DES DONNEES VIDEO**
[72] MISHRA, AKSHAYA K., CA
[72] EICHEL, JUSTIN A., CA
[72] SWANSON, DOUGLAS J., CA
[72] JANKOVIC, NICHOLAS D., CA
[72] MILLER, NICHOLAS, CA
[71] MIOVISION TECHNOLOGIES INCORPORATED, CA
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[51] **Int.Cl. A47G 9/10 (2006.01)**
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[54] **AN ADJUSTABLE PILLOW DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE REGLAGE D'APPUI-TETE**
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[51] **Int.Cl. A61K 31/192 (2006.01) A61K 8/36 (2006.01) A61P 17/02 (2006.01) A61Q 19/08 (2006.01) C07C 57/30 (2006.01) C07C 57/32 (2006.01) C07C 57/58 (2006.01) C07C 59/52 (2006.01) C07C 59/84 (2006.01)**
[25] EN
[54] **SUBSTITUTED AROMATIC COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS FOR TISSUE SELF-REPAIR AND REGENERATION**
[54] **COMPOSES AROMATIQUES SUBSTITUES ET COMPOSITIONS PHARMACEUTIQUES POUR AUTO-REPARATION ET REGENERATION DE TISSU**
[72] GAGNON, LYNE, CA
[72] LAURIN, PIERRE, CA
[71] PROMETIC BIOSCIENCES INC., CA
[85] 2017-05-11
[86] 2015-11-12 (PCT/CA2015/000572)
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[51] **Int.Cl. H02K 3/34 (2006.01) H02K 3/38 (2006.01)**
[25] EN
[54] **VERY HIGH TEMPERATURE STATOR CONSTRUCTION**
[54] **CONSTRUCTION DE STATOR A TRES HAUTE TEMPERATURE**
[72] HEAD, PHILIP, GB
[72] MANSIR, HASSAN, GB
[71] CORETEQ SYSTEMS LTD, GB
[85] 2017-05-11
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[51] **Int.Cl. H01M 10/054 (2010.01) H01M 4/134 (2010.01) H01M 10/056 (2010.01) H01M 10/058 (2010.01)**
[25] EN
[54] **ELECTRICAL ENERGY STORAGE DEVICE WITH NON-AQUEOUS ELECTROLYTE**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE ELECTRIQUE A ELECTROLYTE NON AQUEUX**
[72] IAROCHENKO, ALEXANDRE M., CA
[71] INTEC ENERGY STORAGE CORP., CA
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[86] 2015-11-12 (PCT/CA2015/000573)
[87] (WO2016/074069)
[30] US (14/539,448) 2014-11-12
[30] US (14/607,429) 2015-01-28

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[51] **Int.Cl. A61K 36/03 (2006.01) A61P 17/10 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTI-MICROBIAL SEAWEED EXTRACTS, COMPOSITIONS AND USES THEREOF**
[54] **EXTRAITS D'ALGUE ANTI-MICROBIENNE, LEURS COMPOSITIONS ET LEURS UTILISATIONS**
[72] BOBBITT, JUDITH, CA
[72] MATHIEU, ANNE, CA
[72] ZEIN, AHMED, CA
[71] OCEANS LTD., CA
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[86] 2015-12-11 (PCT/CA2015/051310)
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/02 (2012.01)**
[25] EN
[54] **AGRICULTURAL ENTERPRISE MANAGEMENT METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE GESTION D'ENTREPRISE AGRICOLE**
[72] SCHMALTZ, REMI, CA
[72] COOLIDGE, MICHAEL, CA
[72] DONALD, GARTH, CA
[71] DECISIVE FARMING CORP., CA
[85] 2017-03-08
[86] 2016-11-02 (PCT/CA2016/051271)
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[30] US (62/250,091) 2015-11-03

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[51] **Int.Cl. H01M 10/44 (2006.01)**
[25] EN
[54] **FAST CHARGE APPARATUS FOR A BATTERY**
[54] **APPAREIL DE CHARGE RAPIDE POUR UNE BATTERIE**
[72] IAROCHENKO, ALEXANDRE M., CA
[71] INTEC ENERGY STORAGE CORP., CA
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[86] 2015-11-12 (PCT/CA2015/000574)
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[30] US (14/539,448) 2014-11-12
[30] US (14/607,530) 2015-01-28

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[51] **Int.Cl. F21V 23/06 (2006.01) F21K 9/00 (2016.01) H05B 37/02 (2006.01) H01R 33/22 (2006.01) H02G 3/08 (2006.01)**
[25] EN
[54] **LED BULB ADAPTERS AND METHODS OF RETROFITTING LED BULBS**
[54] **ADAPTATEURS D'AMPOULE A DEL ET PROCEDES DE RATTRAPAGE D'AMPOULES A DEL**
[72] TEMPORAO, JOSE, CA
[72] BYRON, DAVID, CA
[71] INTELLIGENT LIGHTING TECHNOLOGIES INC., CA
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[25] EN
[54] **ANTI-C5 ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI-C5 ET LEURS PROCEDES D'UTILISATION**
[72] RUIKE, YOSHINAO, SG
[72] SAMPEI, ZENJIRO, SG
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2017-05-11
[86] 2015-12-18 (PCT/JP2015/006321)
[87] (WO2016/098356)
[30] JP (2014-257647) 2014-12-19

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[51] **Int.Cl. H01H 69/02 (2006.01) H01H 85/06 (2006.01) H01H 85/08 (2006.01)**
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[54] **CHIP FUSE MANUFACTURING METHOD AND CHIP FUSE**
[54] **PROCEDE DE FABRICATION DE FUSIBLE SUR PUCE ET FUSIBLE SUR PUCE**
[72] OGAWA, TOSHITAKA, JP
[72] ARIKAWA, HIROO, JP
[71] SOC CORPORATION, JP
[85] 2017-05-11
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[13] A1
[51] **Int.Cl. G06Q 50/10 (2012.01) G06F 13/00 (2006.01)**
[25] EN
[54] **COMMUNICATION MANAGEMENT METHOD AND COMMUNICATION MANAGEMENT SYSTEM**
[54] **PROCEDE DE GESTION DE COMMUNICATION ET SYSTEME DE GESTION DE COMMUNICATION**
[72] KAMITANI, MOTOKI, JP
[72] MANO, MASAHIKO, JP
[72] NISHIMURA, RYO, JP
[72] SAITO, TAKASHI, JP
[71] HITACHI SOLUTIONS, LTD., JP
[85] 2017-05-11
[86] 2016-01-05 (PCT/JP2016/050165)
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[30] JP (2015-063016) 2015-03-25

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[51] **Int.Cl. C03C 27/12 (2006.01) B32B 17/10 (2006.01)**
[25] EN
[54] **INTERMEDIATE FILM FOR LAMINATED GLASS, AND LAMINATED GLASS**
[54] **FILM INTERCALAIRE POUR VERRE FEUILLETE ET VERRE FEUILLETE**
[72] MIKAYAMA, KAORU, JP
[72] OOHIGASHI, YUJI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-05-11
[86] 2016-03-24 (PCT/JP2016/059474)
[87] (WO2016/158695)
[30] JP (2015-074434) 2015-03-31
[30] JP (2015-074435) 2015-03-31

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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 19/16 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **MULTILATERAL JUNCTION WITH WELLBORE ISOLATION**
[54] **JONCTION MULTILATERALE AVEC ISOLEMENT DE PUITS DE FORAGE**
[72] STEELE, DAVID JOE, US
[72] HEPBURN, NEIL, GB
[72] TELFER, STUART ALEXANDER, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-05-11
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[51] **Int.Cl. H02K 1/18 (2006.01) H02K 15/02 (2006.01)**
[25] EN
[54] **LAMINATED CORE AND METHOD FOR MANUFACTURING SAME**
[54] **NOYAU FEUILLETE ET SON PROCEDE DE FABRICATION**
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[72] IZUMI, MASAHIRO, JP
[71] MITSUI HIGH-TEC, INC., JP
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[51] **Int.Cl. G21C 15/247 (2006.01) F04D 7/06 (2006.01) F04D 29/046 (2006.01) F16C 17/03 (2006.01)**
[25] EN
[54] **MOLTEN METAL TRANSFER PUMP**
[54] **POMPE DE TRANSFERT DE METAL EN FUSION**
[72] SCHUTSKY, SERGEY YURIEVICH, RU
[72] AGRINSKIY, ANDREI NIKOLAEVICH, RU
[72] PAVLOV, NIKOLAI NIKOLAEVICH, RU
[72] BYKOV, ALEXANDER NIKOLAEVICH, RU
[72] ORLOV, BORIS VALENTINOVICH, RU
[72] SIMONOV, NIKITA IGOREVICH, RU
[71] JOINT STOCK COMPANY "AKME-ENGINEERING", RU
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[54] **INTERMEDIATE FILM FOR LAMINATED GLASS, AND LAMINATED GLASS**
[54] **FILM INTERMEDIAIRE POUR VERRE FEUILLETE ET VERRE FEUILLETE**
[72] MIKAYAMA, KAORU, JP
[72] OOHIGASHI, YUJI, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-05-11
[86] 2016-03-24 (PCT/JP2016/059475)
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[25] EN
[54] **ARRANGEMENT FOR ROCK BOLTS AND A METHOD FOR THE USE OF THE ARRANGEMENT, AND A REINFORCEMENT SYSTEM COMPRISING SUCH AN ARRANGEMENT**
[54] **DISPOSITIF POUR UN BOULON D'ANCRAGE ET PROCEDE D'UTILISATION DU DISPOSITIF ET SYSTEME DE RENFORCEMENT COMPRENANT UN TEL DISPOSITIF**
[72] GUSTAFSSON, LEIF, SE
[71] ROCK SAFETY SWEDEN AB, SE
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[54] **SPATIALLY RESOLVED GAS DETECTION**
[54] **DETECTION DE GAZ A RESOLUTION SPATIALE**
[72] VISSER, HUIBERT, NL
[72] VAN BRUG, HEDSER, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A TREATED PULP, TREATED PULP, AND TEXTILE FIBRES PRODUCED FROM THE TREATED PULP**
[54] **PROCEDE DE PRODUCTION D'UNE PATE TRAITEE, PATE TRAITEE, ET FIBRES TEXTILES PRODUITES A PARTIR DE LA PATE TRAITEE**
[72] BERGNOR, ELISABETH, SE
[72] AXEGARD, PETER, SE
[72] LARSSON, TOMAS, SE
[72] KARLSTROM, KATARINA, SE
[71] INNVENTIA AB, SE
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[54] **MEDIA PLANNING SYSTEM**
[54] **SYSTEME DE PLAN MEDIA**
[72] FROMMANN, CHRISTOPHER WALTHER, US
[72] PAPIR, ALAN SEAN, US
[72] JIN, KARL S., US
[71] ANALYTICS MEDIA GROUP, LLC, US
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[25] EN
[54] **SUSPENSION COMPOSITIONS OF PHYSIOLOGICALLY ACTIVE PHENOLIC COMPOUNDS & METHODS OF MAKING AND USING THE SAME**
[54] **COMPOSITIONS DE COMPOSES PHENOLIQUES PHYSIOLOGIQUEMENT ACTIFS EN SUSPENSION & PROCEDES DE PRODUCTION UTILISANT CES COMPOSITIONS**
[72] EGBERG, DAVID C., US
[72] KAYTOR, MICHAEL D., US
[72] DYKSTRA, JOHN C., US
[71] HUMANETICS CORPORATION, US
[85] 2017-05-11
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SEARCHING FOR OFFERS AND ADVERTISEMENTS ON ONLINE SOCIAL NETWORKS**
[54] **RECHERCHE D'OFFRES ET D'ANNONCES PUBLICITAIRES SUR DES RESEAUX SOCIAUX EN LIGNE**
[72] WINSTANLEY, MELISSA ROSE, US
[72] ABRAHAMSON, JENNIFER ANNE, US
[72] HOANG, SAMUEL, US
[71] FACEBOOK, INC., US
[85] 2017-05-11
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[30] US (14/551,445) 2014-11-24

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[51] **Int.Cl. G01N 11/00 (2006.01) G01N 11/02 (2006.01)**
[25] EN
[54] **YIELD STRESS MEASUREMENT DEVICE AND RELATED METHODS**
[54] **DISPOSITIF DE MESURE DE LIMITE APPARENTE D'ELASTICITE ET PROCEDES ASSOCIES**
[72] YE, XIANGNAN, US
[72] JAMISON, DALE E., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-05-11
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[25] EN
[54] **THERMALLY ISOLATED HIGH INTENSITY LIGHT SOURCE**
[54] **SOURCE DE LUMIERE DE FORTE INTENSITE THERMIQUEMENT ISOLEE**
[72] KEEN, STEPHEN, US
[72] WHITAKER, TODD, US
[72] JOHNSON, JORDAN, US
[72] PEARSON, CHRIS, US
[72] SCHULTZ, BRADY, US
[71] SURNA INC., US
[85] 2017-05-11
[86] 2015-10-23 (PCT/US2015/057216)
[87] (WO2016/077058)
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[25] EN
[54] **THERMAL SPRAY METHOD INTEGRATING SELECTED REMOVAL OF PARTICULATES**
[54] **PROCEDE DE PULVERISATION THERMIQUE INTEGRANT LA SUPPRESSION SELECTIONNEE DE PARTICULES**
[72] VANEVERY, KENT, US
[71] PROGRESSIVE SURFACE, INC., US
[85] 2017-05-11
[86] 2015-07-17 (PCT/US2015/040898)
[87] (WO2016/089452)
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[51] **Int.Cl. B29C 47/40 (2006.01)**
[25] EN
[54] **TWIN SCREW ROTARY HEAD EXTRUDER, METHOD OF EXTRUSION AND RANDOM EXTRUDED PRODUCTS**
[54] **EXTRUDEUSE A TETE ROTATIVE A DEUX VIS, PROCEDE D'EXTRUSION ET DES PRODUITS EXTRUDES ALEATOIRES**
[72] MORALES-ALVAREZ, JORGE C., US
[72] ROA, V.N. MOHAN, US
[71] FRITO-LAY NORTH AMERICA, INC., US
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[86] 2015-10-13 (PCT/US2015/055267)
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[25] EN
[54] **PROBIOTIC BACTERIA FOR THE PREVENTION AND TREATMENT OF SALMONELLA**
[54] **BACTERIE PROBIOTIQUE POUR LA PREVENTION ET LE TRAITEMENT DE LA SALMONELLE**
[72] AHMER, BRIAN, US
[72] SABAG-DAIGLE, ANICE, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2017-05-11
[86] 2015-11-11 (PCT/US2015/060141)
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[30] US (62/078,100) 2014-11-11

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[25] EN
[54] **ROBOTIC DEVICE WITH COMPACT JOINT DESIGN AND RELATED SYSTEMS AND METHODS**
[54] **DISPOSITIF ROBOTISE A MODELE D'ARTICULATION COMPACTE, AINSI QUE SYSTEMES ET PROCEDES ASSOCIES**
[72] FREDERICK, TOM, US
[72] MARKVICKA, ERIC, US
[72] FARRITOR, SHANE, US
[72] OLEYNIKOV, DMITRY, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 39/00 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **GLYCAN-INTERACTING COMPOUNDS AND METHODS OF USE**
[54] **COMPOSES INTERAGISSANT AVEC LE GLYCANE ET PROCEDES D'UTILISATION**
[72] DA SILVA, ANA PAULA GALVAO, US
[72] GHADERI, DARIUS, DE
[72] ZHANG, MAI, US
[72] MEETZE, KRISTAN, US
[72] DESANDER, JULIE, US
[72] BEHRENS, JEFFREY, US
[72] EAVARONE, DAVID A., US
[72] PRENDERGAST, JILLIAN M., US
[72] LUGOVSKOY, ALEXEY ALEXANDROVICH, US
[71] SIAMAB THERAPEUTICS, INC., US
[85] 2017-05-11
[86] 2015-11-12 (PCT/US2015/060287)
[87] (WO2016/077526)
[30] US (62/078,610) 2014-11-12
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[51] **Int.Cl. C07K 14/00 (2006.01) A61K 31/683 (2006.01) A61K 31/7004 (2006.01) A61K 31/702 (2006.01) A61K 38/16 (2006.01) C07F 9/10 (2006.01) C07H 15/04 (2006.01)**
[25] EN
[54] **MULTIVALENT LIGAND-LIPID CONSTRUCTS**
[54] **CONSTRUCTIONS LIGAND-LIPIDE MULTIVALENTES**
[72] TUZIKOV, ALEXANDER BORISOVICH, RU
[72] BOVIN, NICOLAI VLADIMIROVICH, RU
[72] HENRY, STEPHEN MICHEAL, NZ
[72] RODIONOV, IGOR LEONIDOVICH (DECEASED), RU
[72] KORCHAGINA, ELENA, RU
[71] TUZIKOV, ALEXANDER BORISOVICH, RU
[71] BOVIN, NICOLAI VLADIMIROVICH, RU
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[87] (WO2016/080850)
[30] AU (2014904722) 2014-11-21
[30] AU (2015904654) 2015-11-11

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[51] **Int.Cl. B23K 26/062 (2014.01) B22F 3/00 (2006.01) B22F 3/105 (2006.01)**
[25] EN
[54] **NEUTRALIZATION OF REACTIVE METAL CONDENSATE IN ADDITIVE MANUFACTURING**
[54] **NEUTRALISATION DE CONDENSAT DE METAL REACTIF DANS LA FABRICATION D'ADDITIF**
[72] GUERRIER, PAUL, GB
[72] BROOKS, IAN L., GB
[71] MOOG INC., US
[85] 2017-03-17
[86] 2015-12-02 (PCT/US2015/063356)
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[30] US (62/088,019) 2014-12-05

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[51] **Int.Cl. G21D 1/00 (2006.01) G21C 15/247 (2006.01)**
[25] EN
[54] **METHOD AND CONTROL SYSTEM FOR GAS INJECTION INTO COOLANT AND NUCLEAR REACTOR PLANT**
[54] **PROCEDE ET SYSTEME DE COMMANDE D'INTRODUCTION DE GAZ DANS UN CALOPORTEUR ET INSTALLATION DE REACTEUR NUCLEAIRE**
[72] MARTYNOV, PETR NIKIFOROVICH, RU
[72] IVANOV, KONSTANTIN DMITRIEVICH, RU
[72] ASKHADULLIN, RADOMIR SHAMIL'EVICH, RU
[72] STOROZHENKO, ALEKSEY NIKOLAEVICH, RU
[72] LEGKIH, ALEXANDER YURIEVICH, RU
[72] UL'YANOV, VLADIMIR VIADIMIROVICH, RU
[72] BOROVITSKY, STEPAN ARTEMOVICH, RU
[72] FILIN, ALEXANDR IVANOVICH, RU
[72] BYLAVKIN, SERGEY VICTOROVICH, RU
[71] JOINT STOCK COMPANY "AKME-ENGINEERING", RU
[85] 2017-05-11
[86] 2015-11-06 (PCT/RU2015/000742)
[87] (WO2016/076756)
[30] RU (2014145266) 2014-11-11

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[54] **METHODS TO DETECT A SILENT CARRIER GENOTYPE**
[54] **PROCEDES PERMETTANT DE DETECTER UN GENOTYPE DE PORTEUR SAIN**
[72] HILL, DAVID A., US
[72] EVANS, MATTHEW, US
[72] BRAASTAD, COREY D., US
[71] ATHENA DIAGNOSTICS, INC., US
[85] 2017-05-11
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[30] US (62/080,047) 2014-11-14

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[51] **Int.Cl. A61B 17/32 (2006.01) A61B 17/3205 (2006.01) A61B 17/322 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR ABLATION OF THE SKIN**
[54] **DISPOSITIFS ET PROCEDES POUR L'ABLATION DE LA PEAU**
[72] GINGGEN, ALEC, US
[72] LEVINSON, DOUGLAS, US
[71] CYTRELLIS BIOSYSTEMS, INC., US
[85] 2017-05-11
[86] 2015-11-13 (PCT/US2015/060685)
[87] (WO2016/077759)
[30] US (62/079,822) 2014-11-14

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[13] A1
[51] **Int.Cl. B60K 35/00 (2006.01) G06F 19/00 (2011.01) G07C 5/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING A VEHICLE EVENT AND GENERATING REVIEW CRITERIA**
[54] **SYSTEME ET PROCEDE SERVANT A DETECTER UN EVENEMENT LIE A UN VEHICULE ET SERVANT A GENERER DES CRITERES D'EXAMEN**
[72] PALMER, JASON, US
[72] SLJIVAR, SLAVEN, US
[72] FREITAS, MARK, US
[72] DENINGER, DANIEL A., US
[72] GRISWOLD, JEFFREY TODD, US
[71] SMARTDRIVE SYSTEMS, INC., US
[85] 2017-05-11
[86] 2015-11-13 (PCT/US2015/060721)
[87] (WO2016/077779)
[30] US (14/540,825) 2014-11-13

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[13] A1
[51] **Int.Cl. G06F 17/22 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING AND EXECUTING A DOMAIN-SPECIFIC LANGUAGE FOR CLOUD SERVICES INFRASTRUCTURE**
[54] **SYSTEME ET PROCEDE POUR FOURNIR ET EXECUTER UN LANGAGE SPECIFIQUE A UN DOMAINE POUR UNE INFRASTRUCTURE DE SERVICE EN NUAGE**
[72] STELLA, JOSHA, US
[72] ZIPPILLI, DOMINIC, US
[72] SCHOOF, ALEX, US
[72] TOBIN, JARED, US
[72] VAN DER JEUGT, JASPER, US
[72] WOS, MACIEJ, US
[72] KAMINSKY, CHRISTOPHER, US
[72] DROMBOSKY, TYLER, US
[72] WILSON, TIMOTHY, US
[72] SABO, JONATHAN, US
[71] FUGUE, INC., US
[85] 2017-05-11
[86] 2015-11-13 (PCT/US2015/060728)
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[30] US (62/079,403) 2014-11-13

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[51] **Int.Cl. G01N 29/06 (2006.01) A61B 8/00 (2006.01)**
[25] EN
[54] **ULTRASOUND BEAMFORMING SYSTEM AND METHOD BASED ON ARAM ARRAY**
[54] **SYSTEME DE FORMATION DE FAISCEAU D'ULTRASONS ET PROCEDE BASE SUR UNE MATRICE DE MEMOIRE VIVE ANALOGIQUE**
[72] KOPTENKO, SERGEI V., CA
[71] URSUS MEDICAL, LLC, US
[85] 2017-05-11
[86] 2015-11-16 (PCT/US2015/060861)
[87] (WO2016/077822)
[30] US (62/079,855) 2014-11-14

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[54] **SYNTHETIC PEPTIDES**
[54] **PEPTIDES SYNTHETIQUES**
[72] ANCSIN, JOHN BELA, US
[71] THE UNIVERSITY OF CHICAGO, US
[85] 2017-05-11
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[30] US (62/082,902) 2014-11-21

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[51] **Int.Cl. A61K 35/30 (2015.01) A61F 2/02 (2006.01) C07K 14/48 (2006.01)**
[25] EN
[54] **DEVICE FOR INDUCTION OF CELLULAR ACTIVITY AND MODIFICATION**
[54] **DISPOSITIF POUR L'INDUCTION DE L'ACTIVITE ET DE LA MODIFICATION CELLULAIRES**
[72] NELSON, KEVIN D., US
[72] CROW, BRENT B., US
[72] GRIFFIN, NICKOLAS, US
[72] ROMERO-ORTEGA, MARIO, US
[72] SEIFERT, JENNIFER, US
[72] ALZOGHOUL, NESREEN, US
[71] TISSUEGEN, INC., US
[85] 2017-05-11
[86] 2015-11-16 (PCT/US2015/060946)
[87] (WO2016/077839)
[30] US (62/080,302) 2014-11-15
[30] US (62/126,957) 2015-03-02

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[51] **Int.Cl. A61K 31/5377 (2006.01) A61K 9/22 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING CANCER**
[54] **METHODE DE TRAITEMENT DU CANCER**
[72] KEILHACK, HEIKE, US
[72] TRUITT, BRETT, US
[72] SUZUKI, YUTA, JP
[72] MURASE, TSUKASA, JP
[72] SHIKATA, FUTOSHI, JP
[71] EPIZYME, INC., US
[71] EISAI R&D MANAGEMENT CO. LTD., JP
[85] 2017-05-11
[86] 2015-11-17 (PCT/US2015/061194)
[87] (WO2016/081523)
[30] US (62/080,985) 2014-11-17
[30] US (62/166,572) 2015-05-26
[30] US (62/251,903) 2015-11-06

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[25] EN
[54] **PROCESSES FOR HANDLING CHAR IN A CATALYTIC FAST PYROLYSIS PROCESS AND CHAR COMPOSITIONS**
[54] **PROCEDES DE MANIPULATION DE PRODUIT DE CARBONISATION DANS UN PROCEDE DE PYROLYSE CATALYTIQUE RAPIDE ET COMPOSITIONS DE PRODUIT DE CARBONISATION**
[72] MAZANEC, TERRY J., US
[72] TANZIO, MICHAEL, US
[72] SORENSEN, CHARLES M., US
[72] SONG, RUOZHI, US
[72] SHI, JIAN, US
[72] CHENG, YU-TING, US
[72] IGOE, WILLIAM F., US
[72] RAPPAS, ALKIS, US
[72] GOUD, SANDEEP K., US
[71] ANELLOTECH, INC., US
[85] 2017-05-11
[86] 2015-11-17 (PCT/US2015/061198)
[87] (WO2016/081527)
[30] US (62/080,938) 2014-11-17

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[51] **Int.Cl. G01C 21/00 (2006.01) E21C 47/00 (2006.01) F42B 3/04 (2006.01) G01P 13/00 (2006.01) G01V 15/00 (2006.01)**
[25] EN
[54] **A ROCK MOVEMENT SENSOR FOR USE DURING BLASTING**
[54] **DETECTEUR DE MOUVEMENT DE ROCHE, DESTINE A ETRE UTILISE AU COURS D'UN ABATTAGE A L'EXPLOSIF**
[72] WORTLEY, PETER JAMES, AU
[71] MINDSPARK TECHNOLOGIES PTY LTD, AU
[85] 2017-05-12
[86] 2015-11-20 (PCT/AU2015/050732)
[87] (WO2016/077889)
[30] AU (2014904698) 2014-11-21

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[51] **Int.Cl. A61F 7/00 (2006.01) A61F 5/042 (2006.01) A61H 1/02 (2006.01) A61H 15/00 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING INFLAMMATORY SYMPTOMS ASSOCIATED WITH PLANTAR FASCIITIS**
[54] **PROCEDES POUR TRAITER LES SYMPTOMES INFLAMMATOIRES ASSOCIES A LA FASCIITE PLANTAIRE**
[72] NIELSEN, SUSAN J, CA
[71] THERMAWEDGE ENTERPRISES INC., CA
[85] 2017-05-12
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[54] **SYSTEM AND METHOD FOR MEASURING GRAIN CART WEIGHT**
[54] **SYSTEME ET PROCEDE DE MESURE DU POIDS D'UNE CHARRETTE A GRAIN**
[72] MEIER, IAN, CA
[72] LOCKERBIE, MICHAEL, CA
[71] BISTRATA SYSTEMS INC., CA
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[54] **LIQUID CLEANING COMPOSITION**
[54] **COMPOSITION NETTOYANTE LIQUIDE**
[72] WENDT, HANS, CN
[72] LI, RUIXUE, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-05-12
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[54] **ION-EXCHANGE PURIFICATION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE PURIFICATION PAR ECHANGE D'IONS**
[72] SLOUGH, KEVIN, CA
[72] ZAKY, AMR, CA
[71] FILTERBOXX WATER AND ENVIRONMENTAL CORP., CA
[85] 2017-05-12
[86] 2015-11-13 (PCT/CA2015/051190)
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[54] **CAPSULE FOR PREPARING CONSUMABLE PRODUCT**
[54] **CAPSULE POUR LA PREPARATION D'UN PRODUIT CONSOMMABLE**
[72] HANNESON, SCOTT, CA
[72] TROMBETTA, LIBERATORE A., CA
[72] FU, YUCHENG, CA
[71] 2266170 ONTARIO INC., CA
[85] 2017-05-12
[86] 2015-11-16 (PCT/CA2015/051193)
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[54] **ANTI-INFLAMMATORY AND MYDRIATIC INTRACAMERAL SOLUTIONS FOR INHIBITION OF POSTOPERATIVE OCULAR INFLAMMATORY CONDITIONS**
[54] **SOLUTIONS INTRACAMERALES ANTI-INFLAMMATOIRES ET MYDRIATIQUES POUR L'INHIBITION D'ETATS INFLAMMATOIRES OCULAIRES POST-OPERATOIRES**
[72] DEMOPULOS, GREGORY A., US
[72] FLORIO, VINCENT A., US
[71] OMEROS CORPORATION, US
[85] 2017-05-11
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[54] **MAGNETICALLY ACTUATED MIXING AND DRINKING STRAW**
[54] **PAILLE ACTIONNEE MAGNETIQUEMENT POUR MELANGER ET BOIRE**
[72] RAI, CHARN, CA
[71] RAISON INVESTMENTS INC., CA
[85] 2017-05-12
[86] 2015-11-19 (PCT/CA2015/051210)
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[54] **ESTIMATION OF CONDUCTIVITY FOR NANOPOROUS MATERIALS**
[54] **ESTIMATION DE LA CONDUCTIVITE DE MATERIAUX NANOPOREUX**
[72] CYGAN, RANDALL, US
[72] FREDRICH, JOANNE, US
[72] GREATHOUSE, JEFFERY, US
[72] JERAULD, GARY RUSSELL, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2017-05-11
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[54] **CONNECTING MECHANISM AND COLLAPSIBLE CONTAINER COMPRISING THE SAME**
[54] **MECANISME DE RACCORDEMENT ET RECIPIENT PLIABLE COMPRENANT CELUI-CI**
[72] SU, JIJUN, CN
[72] LIU, CHUNLIANG, CN
[71] DALIAN CIMC LOGISTICS EQUIPMENT CO.,LTD, CN
[71] CHINA INTERNATIONAL MARINE CONTAINERS (GROUP) LTD., CN
[71] CIMC CONTAINERS HOLDING COMPANY LTD., CN
[85] 2017-05-12
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[54] **OXADIAZOLE CYCLIC PEPTIDES**
[54] **PEPTIDES CYCLIQUES D'OXYDIAZOLE**
[72] YUDIN, ANDREI, CA
[72] FROST, JOHN R., CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[25] EN
[54] **COMPACT INTEGRATED MOTOR-GEAR DRIVE UNIT WITH CYCLOIDAL REDUCTION AND DEVICE INCORPORATING THIS UNIT**
[54] **UNITE D'ENTRAINEMENT D'ENGRENAGE DE MOTEUR INTEGREE COMPACTE AYANT UNE REDUCTION CYCLOIDALE ET DISPOSITIF INCORPORANT CETTE UNITE**
[72] BOLT, JOHANNES JACOBUS, NL
[71] B.M. INNOVATIES B.V., NL
[85] 2017-05-12
[86] 2014-12-11 (PCT/EP2014/077390)
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[54] **METHODS AND SYSTEMS FOR MAINTAINING A PROXY MAPPING TABLE**
[54] **PROCEDES ET SYSTEMES D'ENTRETIEN D'UNE TABLE DE CORRESPONDANCE DE PROXY**
[72] CHEN, DAJUN, CN
[72] FEI, XUN, CN
[72] TIAN, YONG, CN
[72] WANG, JIANXIANG, CN
[72] ZHAO, DONG, CN
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **MATERIALS AND METHODS FOR PUFA PRODUCTION, AND PUFA-CONTAINING COMPOSITIONS**
[54] **MATERIAUX ET PROCEDES DE PRODUCTION DE PUFA ET COMPOSITIONS CONTENANT DES PUFA**
[72] SENGER, TORALF, US
[72] MARTY, LAURENT, DE
[72] KUNZE, IRENE, DE
[72] HAERTEL, HEIKO A., DE
[72] BREMMER, STEVEN, US
[72] BREAZEALE, STEVEN, US
[72] BAUER, JORG, US
[72] VRINTEN, PATRICIA, CA
[72] STYMNE, STEN, SE
[72] LINDBERG YILMAZ, JENNY, SE
[72] MCELVER, JOHN, US
[72] REIN, DIETRICH, DE
[72] ANDRE, CARL, US
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[71] BIORIGINAL FOOD & SCIENCE CORPORATION, CA
[85] 2017-05-12
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[54] **OPTICAL VISUAL AID WITH ADDITIONAL ASTIGMATISM**
[54] **DISPOSITIF DE CORRECTION OPTIQUE POURVU D'UNE CORRECTION SUPPLEMENTAIRE POUR L'ASTIGMATISME**
[72] OHLENDORF, ARNE, DE
[72] SESSNER, RAINER, DE
[72] KRATZER, TIMO, DE
[72] RIFAI, KATHARINA, DE
[72] LAPPE, CHRISTIAN, DE
[71] CARL ZEISS VISION INTERNATIONAL GMBH, DE
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[54] **METHOD AND APPARATUS FOR GASIFYING RAW MATERIAL AND GASEOUS PRODUCT**
[54] **PROCEDE ET APPAREIL POUR LA GAZEIFICATION DE MATIERES PREMIERES ET PRODUIT GAZEUX**
[72] KURKELA, ESA, FI
[72] HILTUNEN, ILKKA, FI
[71] TEKNOLOGIAN TUTKIMUSKESKUS VTT OY, FI
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[54] **FLEXIBLE ILLUMINATING MULTILAYER STRUCTURE**
[54] **STRUCTURE D'ECLAIRAGE MULTICOUCHE SOUPLE**
[72] MAKKONEN, PEKKA, FI
[72] KERANEN, KIMMO, FI
[71] FLEXBRIGHT OY, FI
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[54] **SYSTEM FOR CROSS-HOST, MULTI-THREAD SESSION ALIGNMENT**
[54] **SYSTEME POUR ALIGNEMENT DE SESSIONS A MULTI FILS D'EXECUTION, A TRAVERS PLUSIEURS HOTES**
[72] FIORENTINO, RICHARD D., US
[72] KAMAN, CHARLES H., US
[72] TROIANI, MARIO, US
[72] MUENCH, ERIK, US
[71] VIRTUAL SOFTWARE SYSTEMS, INC., US
[85] 2017-05-11
[86] 2015-11-12 (PCT/US2015/060357)
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[54] **INTRAOSSEOUS INFUSION PORTS AND METHODS OF USE**
[54] **ORIFICES DE PERFUSION INTRA-OSSEUSE ET PROCEDES D'UTILISATION**
[72] AKLOG, LISHAN, US
[72] DEGUZMAN, BRIAN J., US
[72] ORPHANOS, MARK J., US
[71] PAVMED INC., US
[85] 2017-05-11
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[54] **FILMS AND BAGS WITH VISUALLY DISTINCT REGIONS AND METHODS OF MAKING THE SAME**
[54] **FILMS ET SACS AYANT DES REGIONS VISUELLEMENT DISTINCTES ET PROCEDES DE FABRICATION DE CEUX-CI**
[72] WILCOXEN, KYLE R., US
[72] FISH, THEODORE J., US
[72] MAXWELL, JASON R., US
[72] CISEK, KENNETH E., US
[72] JOHNSON, MICHAEL O., US
[71] THE GLAD PRODUCTS COMPANY, US
[71] WILCOXEN, KYLE R., US
[71] FISH, THEODORE J., US
[71] MAXWELL, JASON R., US
[71] CISEK, KENNETH E., US
[71] JOHNSON, MICHAEL O., US
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[54] **NATURALLY-DERIVED SURFACE SANITIZER AND DISINFECTANT**
[54] **ASSAINISSEUR ET DESINFECTANT DE SURFACE D'ORIGINE NATURELLE**
[72] SALMINEN, WILLIAM, US
[72] RUSSOTTI, GARY, US
[72] AAB, RICHARD, US
[72] TUCHRELO, ROBERT, US
[72] CAHOON, JEFFREY, US
[71] PRONATURAL BRANDS, LLC, US
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[51] **Int.Cl. G05B 19/048 (2006.01) G06T 7/20 (2017.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INHIBITING OR CAUSING AUTOMATED ACTIONS BASED ON PERSON LOCATIONS ESTIMATED FROM MULTIPLE VIDEO SOURCES**
[54] **SYSTEME ET PROCEDE POUR EMPECHER OU PROVOQUER DES ACTIONS AUTOMATISEES SUR LA BASE D'EMPLACEMENTS DE PERSONNES ESTIMES A PARTIR DE MULTIPLES SOURCES VIDEO**
[72] TORRIONE, PETER A., US
[72] MORTON, JR. KENNETH D., US
[71] COVAR APPLIED TECHNOLOGIES, INC., US
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[86] 2015-11-11 (PCT/US2015/060174)
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[54] **SYSTEM AND METHOD FOR ESTIMATING RIG STATE USING COMPUTER VISION FOR TIME AND MOTION STUDIES**
[54] **SYSTEME ET PROCEDE D'ESTIMATION D'ETAT DE FORAGE PAR VISION PAR ORDINATEUR POUR DES ETUDES DE TEMPS ET DE MOUVEMENTS**
[72] TORRIONE, PETER A., US
[71] COVAR APPLIED TECHNOLOGIES, INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING CHARACTERISTICS OF CUTTINGS AND FLUID FRONT LOCATION DURING DRILLING OPERATIONS WITH COMPUTER VISION**
[54] **SYSTEME ET PROCEDE POUR LA MESURE DE CARACTERISTIQUES DE DEBLAI DE FORAGE ET D'EMPLACEMENT AVANT DE FLUIDE PENDANT DES OPERATIONS DE FORAGE AVEC VISION PAR ORDINATEUR**
[72] TORRIONE, PETER A., US
[71] COVAR APPLIED TECHNOLOGIES, INC., US
[85] 2017-05-12
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[30] US (62/078,573) 2014-11-12
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[54] **ANTI-HUMAN THYROGLOBULIN T CELL RECEPTORS**
[54] **RECEPTEURS DE LYMPHOCYTES T THYROBLOBULINE ANTI-HUMAINE**
[72] HANADA, KENICHI, US
[72] WANG, QIONG J., US
[72] YANG, JAMES C., US
[72] YU, ZHIYA, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2017-05-12
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[25] EN
[54] **SYSTEMS AND METHODS FOR EFFECTIVELY ANONYMIZING CONSUMER TRANSACTION DATA**
[54] **SYSTEMES ET PROCEDES DESTINES A L'ANONYMISATION DE FACON EFFICACE DES DONNEES DE TRANSACTION DU CONSOMMATEUR**
[72] HOWE, JUSTIN X., US
[72] REISKIND, ANDREW, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-05-12
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[25] EN
[54] **PROVIDING ONLINE CARDHOLER AUTHENTICATION SERVICES ON-BEHALF-OF ISSUERS**
[54] **FOURNITURE D'EMETTEURS MANDATAIRES DE SERVICES D'AUTHENTIFICATION DE DETENTEURS DE CARTES EN LIGNE**
[72] GROARKE, PETER J., IE
[72] PIEL, BRIAN JOHN, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-05-12
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[87] (WO2016/077172)
[30] US (62/079,211) 2014-11-13
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[54] **SPLIT ROTATING KEYBOARD SYSTEM**
[54] **SYSTEME DE CLAVIER ROTATIF SCINDE EN DEUX**
[72] NOORZAI, OMAR, US
[72] NOORZAI, MUSTAFA, US
[72] HUANG, GEORGE J., US
[71] INFINITY KEYBOARD, INC., US
[85] 2017-05-12
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[25] EN
[54] **IMPROVED AGRONOMIC CHARACTERISTICS UNDER WATER LIMITING CONDITIONS FOR PLANTS EXPRESSING PUB10 POLYPEPTIDES**
[54] **CARACTERISTIQUES AGRONOMIQUES AMELIOREES DANS DES CONDITIONS LIMITANTES EN EAU POUR PLANTES EXPRIMANT DES POLYPEPTIDES PUB10**
[72] CHUA, NAM-HAI, US
[72] JUNG, CHOONKYUN, US
[72] ZHAO, PINGZHI, CN
[71] THE ROCKEFELLER UNIVERSITY, US
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[25] EN
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[54] **CERTAINS TRIACYGLYCEROLS COMME DEPRESSEURS DE CRISTALLISATION**
[72] NARINE, SURESH, CA
[72] BOUZIDI, LAZIZ, CA
[72] MOHANAN, ATHIRA, CA
[71] TRENT UNIVERSITY, CA
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[54] **BIODIESEL COMPOSITIONS CONTAINING POUR POINT DEPRESSANTS AND CRYSTALLIZATION MODIFIERS**
[54] **COMPOSITIONS DE BIODIESEL RENFERMANT DES DEPRESSEURS DE POINT DE VERSEMENT ET DES MODIFICATEURS DE CRISTALLISATION**
[72] NARINE, SURESH, CA
[72] BOUZIDI, LAZIZ, CA
[72] MOHANAN, ATHIRA, CA
[71] TRENT UNIVERSITY, CA
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[54] **TISSUE-SPECIFIC GENOME ENGINEERING USING CRISPR-CAS9**
[54] **INGENIERIE DE GENOME SPECIFIQUE AU TISSU AU MOYEN DE CRISPR-CAS9**
[72] LIRAS, SPIROS, US
[72] MASCITTI, VINCENT, US
[72] THUMA, BENJAMIN AARON, US
[72] DOUDNA, JENNIFER A., US
[72] ROUET, ROMAIN, US
[71] PFIZER INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **CLOSURE FOR PRESSURIZED DUCTS**
[54] **FERMETURE DESTINEE AUX CONDUITES SOUS PRESSION**
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[72] MCARTHUR, FRANKLIN TIMOTHY, US
[72] BODDULURI, MOHAN, US
[72] ZHANG, HUI, US
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[72] FUHMEISTER, DAVID CHARLES, US
[72] MARKEY, JONATHON KEITH, US
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[71] TUFFBUILT PRODUCTS INC., CA
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[54] **FORMULE, ANALYSEUR ET PROCEDES DE DETECTION DE FUITE**
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[54] **SYSTEME ET PROCEDE D'IDENTIFICATION D'OBJETS VISUELS**
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[72] BRIDGES, MATTHEW, US
[72] NALAWADI, SHAILESH, US
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[54] **SYSTEMES ET PROCEDES POUR LE SUIVI D'EPISODES DANS UN ENVIRONNEMENT MULTIMEDIA INTERACTIF**
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[54] **SYSTEME POUR FAIRE TOURNER UN PORTE-CHARGE AINSI QUE DISPOSITIF DE TRANSPORT POURVU DE PORTE-CHARGE LACHE**
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[72] KANGAS, FREDRIK, SE
[72] KANGAS, DANIEL, SE
[71] KIRUNA WAGON AB, SE
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[54] **SYSTEME D'EMBALLAGE DE VALVULE CARDIAQUE PROTHETIQUE SEC**
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