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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
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.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

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.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

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'identification 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), siège 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

Avis

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 mégaoctets qui excède 7 mégaoctets, 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:

None

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 :

Aucun

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.

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).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1708*
For each additional sheet over 30	\$19
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

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. 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. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1708 \$*
Pour chaque feuille au delà de 30	19 \$
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

Notices

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.

4. Late payment fee

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

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.

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$257

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

* International fees will be reduced by:

- \$257 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$385 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 57.2a) 257 \$

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

* Les frais seront réduits de:

- 257 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- 385 \$ 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

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.

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

13. 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.

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

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.

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).

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(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*.

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).

14. Correspondence Procedures

June 20, 2017

1. [Physical Delivery of Correspondence to CIPO](#)
2. [Electronic Correspondence](#)
3. [Details concerning the electronic formats accepted](#)
4. [General Information](#)
5. [Statutory Holidays](#)
6. [Procedures in case of an unexpected Office closure at CIPO](#)
7. [Procedures when CIPO is open for business but clients are unable to communicate with the Office](#)
8. [Intellectual property acts, rules and regulations](#)

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.

1. Physical Delivery of Correspondence to CIPO

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

14. Procédures de correspondance

le 20 juin, 2017

1. [Livraison en personne de correspondance à l'OPIC.](#)
2. [Correspondance électronique](#)
3. [Précisions concernant les formats électroniques acceptés](#)
4. [Renseignements généraux](#)
5. [Jours fériés](#)
6. [Procédures en cas de fermeture des bureaux](#)
7. [Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture](#)
8. [Lois, règles et règlements sur la propriété intellectuelle](#)

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.

1. Livraison en personne de correspondance à l'OPIC

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

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

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](#).

1.1 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. Innovation, Science and Economic Development Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 343-291-3436

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

2. Innovation, Science and Economic Development Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6

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 lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même 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.

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](#).

1.1 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. Innovation, Sciences et Développement économique Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 343-291-3436

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
2. Innovation, Sciences et Développement économique Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6

Notices

- | | |
|---|--|
| Tel.: 514-496-1797
Toll-free: 1-888-237-3037 | Tél. : 514-496-1797
Sans frais : 1-888-237-3037 |
| 8:30 a.m. to 4:30 p.m. (local time) Monday to Friday | 8 h 30 à 16 h 30 (heure locale) du lundi au vendredi |
| 3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000 | 3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000 |
| 8:30 a.m. to 4:30 p.m. (local time) Monday to Friday | 8 h 30 à 16 h 30 (heure locale) du lundi au vendredi |
| 4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646 | 4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646 |
| 8:30 a.m. to 4:30 p.m. (local time) Monday to Friday | 8 h 30 à 16 h 30 (heure locale) du lundi au vendredi |
| 5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000 | 5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000 |
| 8:30 a.m. to 4:30 p.m. (local time) Monday to Friday | 8 h 30 à 16 h 30 (heure locale) du lundi au vendredi |

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 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. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

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

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

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 Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

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. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

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

1.2. Services Courrier recommandé™ et Xpresspost™ 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 recommandé™ et Xpresspost™ de Postes Canada sont des

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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. 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 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 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.

établissements ou des bureaux désignés auxquels 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 livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} 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.

2. 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 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 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.

2.1 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 (2476) or
- (819) 953-OPIC (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. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

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.

2.2 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 using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- [filing an application](#) (regular application);
- [filing a request for national entry](#);
- [filing an international application](#) (PCT Safe or ePCT);
- [general correspondence relating to applications and patents](#);
- [maintaining the name of a patent agent on the register](#)

2.1 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 (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur 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 recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

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.

2.2 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.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- [déposer une demande](#) (demande régulière);
- [déposer une demande d'entrée dans la phase nationale](#);
- [déposer une demande internationale](#) (PCT Safe ou ePCT);
- [correspondance générale concernant des demandes et des brevets](#);
- [maintien du nom d'un agent de brevets dans le registre](#)

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- of patent agents; and
- ordering copies in paper, or electronic form of a document.

- des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, 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](#).

Trademarks

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 by accessing the following pages:

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

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following 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

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 télexcopieur 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 envoyés par voie électronique, notamment par les pages 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.

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. Pour ce faire, il faut accéder aux pages 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

Notices

- 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.

- 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, by accessing the following 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. Pour ce faire, il faut accéder aux pages 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, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

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. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 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 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

2.3 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. 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

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application itself or amendment(s) thereof.

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 89bis 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 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

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

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

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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.

3. 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 using the relevant links set out in [section 2.2](#) of these correspondence procedures 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 "Stelligent 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 and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

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.

3. 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 en utilisant les liens spécifiés à [l'article 2.2](#) de ces procédures de correspondance 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 « Stelligent 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
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Avis

ASCII

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

ASCII

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

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures 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. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

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 par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance 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 et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's [Client Service Centre](#).

5. Statutory Holidays

- [Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts](#)
- [Time limits under the Patent and Trade-marks Act](#)
- [Time limits under the Patent Cooperation Treaty](#)
- [Provincial and Territorial Holidays](#)
- [When Patent and Trademarks Offices are closed for business](#)

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 Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) 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.

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 he or she is properly entitled to any needed extension of the time limit.

4. Renseignements généraux

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

5. Jours fériés

- [Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés](#)
- [Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce](#)
- [Délais prévus dans le Traité de coopération en matière de brevets](#)
- [Jours fériés provinciaux ou territoriaux](#)
- [Jours de fermeture au public des bureaux des brevets et des marques de commerce](#)

Délais prévus dans les lois sur 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'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) 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 par télécopieur, sont 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. Par conséquent, 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.

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 trademark time limit that expires on a day when the Patent and Trademarks 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 Act, the Copyright Act or the Integrated Circuit Topography Act.

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:

- i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;
- ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
- iii. 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
- iv. 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

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 équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

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

- i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
- ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
- iii. 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
- iv. 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

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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.

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.

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:

1. **Alberta:** Third Monday in February (Alberta Family Day)
2. **British Columbia:**
 - First Monday in August (British Columbia Day)
 - Second Monday in February (British Columbia Family Day)
3. **New Brunswick:** First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador:**
 - March 17 (St. Patrick's Day)
 - April 23 (St. George's Day)
 - June 24 (Discovery Day)
 - July 12 (Orangemen's Day)
 - First Monday in August (Regatta Day)
5. **Nova Scotia:** First Monday in August (Civic Holiday)
6. **Ontario:**
 - Third Monday in February (Ontario Family Day)
 - First Monday in August (Civic Holiday)
7. **Prince Edward Island:** First Monday In August (Civic Holiday)
8. **Quebec:** June 24 (St. John the Baptist Day)
9. **Saskatchewan:** First Monday in August (Saskatchewan Day)
10. **Yukon:** Third Monday in August (Discovery Day)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours fériés provinciaux ou territoriaux

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

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
 - premier lundi d'août (Fête de la Colombie-Britannique)
 - euxième lundi de février (Jour de Famille de la Colombe -Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
 - 17 mars (Fête de la Saint-Patrick)
 - 23 avril (Fête de la Saint-Georges)
 - 24 juin (Journée de la Découverte)
 - 12 juillet (Jour des Orangistes)
 - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
 - troisième lundi de février (Jour de la Famille de l'Ontario)
 - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

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- All Saturdays and Sundays
- New Year's Day (January 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, CIPO's 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 Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)^{*}
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédent 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 de l'OPIC 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.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered MailTM or XpresspostTM or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^{MC}, par Xpresspost^{MC} ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

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deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

NOTICE REGARDING UNEXPECTED CLOSURES OF THE OFFICE

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open for business.

On May 8, 2017 and May 9, 2017, CIPO was closed for business due to extraordinary circumstances.

For information regarding a previous business closure, please contact the Client Service Centre or consult CIPO's website.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of \$125 may be required in certain cases.

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télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

AVIS CONCERNANT UNE FERMETURE INATTENDUE DU BUREAU

Lorsque l'OPIC est fermé, notamment en raison de circonstances exceptionnelles, l'OPIC considère que toutes les échéances sont prorogées jusqu'au jour de réouverture du bureau.

Les 8 et 9 mai 2017, l'OPIC était fermé au public en raison de circonstances exceptionnelles.

Pour obtenir des renseignements concernant une fermeture antérieure de nos bureaux, veuillez communiquer avec le centre de service à la clientèle ou consulter le site Web de l'OPIC.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 \$ peut être exigé dans certains cas.

Avis

CIPO notes that [Bill C-59 – Budget Implementation Act 2015](#), which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

L'OPIC souligne que le [projet de loi C-59 – Loi d'exécution du budget 2015](#), qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- [Copyright Act](#)
- [Copyright Regulations](#)
- [Industrial Design Act](#)
- [Industrial Design Regulations](#)
- [Integrated Circuit Topography Act](#)
- [Integrated Circuit Topography Regulations](#)
- [Interpretation Act](#)
- [Patent Act](#)
- [Patent Rules](#)
- [Regulations under the PCT](#)
- [Trade-marks Regulations](#)

8. Lois, règles et règlements sur la propriété intellectuelle

- [Loi sur le droit d'auteur](#)
- [Règlement sur le droit d'auteur](#)
- [Loi sur les dessins industriels](#)
- [Règlement sur les dessins industriels](#)
- [Loi sur les topographies de circuits intégrés](#)
- [Règlement sur les topographies de circuits intégrés](#)
- [Loi d'interprétation](#)
- [Loi sur les brevets](#)
- [Règles sur les brevets](#)
- [Règlement d'exécution du PCT](#)
- [Règlement sur les marques de commerce](#)

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of October 9, 2018 contains applications open to public inspection from September 23, 2018 to September 29, 2018.

15. Demandes canadiennes mises à la disposition du public

La *Gazette du bureau des brevets* du 9 octobre 2018 contient les demandes disponibles au public pour consultation pour la période du 23 septembre 2018 au 29 septembre 2018.

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FOR PRODUCING THE SAME
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UTILISATION A BASSE
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AFFECTEES PAR LA CHALEUR
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[54] POLYNUCLEOTIDE POUR UTILISATION DANS LE TRAITEMENT DE MALADIES INDUITES PAR L'INFLUENZAVIRUS A, CODANT POUR UNE PROTEINE MX MODIFIEE, LADITE PROTEINE MX MODIFIEE, ET ANIMAL TRANSGENIQUE EXPRIMANT UN GENE CODANT POUR UNE PROTEINE MX MODIFIEE

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- [72] PREAU, ALEXANDRE, FR
- [73] TOTAL RAFFINAGE FRANCE, FR
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- [72] PERUGINI, DAVE L., US
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[72] PASCHKE, BRIAN DENNIS, CA

[72] WOOD, TODD ANDREW, CA

[72] MATSUMOTO, IPPEI, GB

[72] COLIN, KIMBERLEE, GB

[72] HECHT, SAMUEL, GB

[72] VON LINTEL, PHILIPP, GB

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[73] NUCLEUS SCIENTIFIC, INC., US

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[54] PROCEDE ET SYSTEME DE FORMATION D'UN PRODUIT PHARMACEUTIQUE DIRECTEMENT SUR UNE SURFACE D'EMBALLAGE

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[72] BOGUE, BEUFORD A., US

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HERBICIDE-RESISTANT WEEDS
WITH 4-AMINO-3-CHLORO-6-(4-
CHLORO-2-FLUORO-3-
METHOXYPHENYL)PYRIDINE-2-
CARBOXYLIC ACID AND ITS
SALTS OR ESTERS

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HERBES RESISTANTES AUX
HERBICIDES DE TYPE ACIDE
PHENOXYALCANIQUE GRACE
A L'ACIDE 4-AMINO-3-CHLORO-
6-(4-CHLORO-2-FLUORO-3-
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REINFORCING FIBER BUNDLES
AND COMPRISING
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AND COMPOSITE COMPONENT

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COMPRENANT DES RUBANS DE
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COMPOSEE DE FAISCEAUX DE
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ELEMENT EN MATERIAU
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[72] WOHLMANN, BERND, DE

[72] SCHNEIDER, MARKUS, DE

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[73] UNILEVER BCS LIMITED, GB

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PRODUCING SAME

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[72] MUELLER, ARND, CH

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[54] NANOParticules D'HYDROGEL DE DENDRIMERE INJECTABLES
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[72] KANNAN, SUJATHA, US
[72] ROMERO, ROBERTO, US
[72] NAVATH, RAGHAVENDRA, US
[72] MENJOGE, ANUPA, US
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[73] NATIONAL INSTITUTES OF HEALTH, US
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[54] PROCEDE ET APPAREIL POUR SUPPRIMER LA REDONDANCE DANS DES PREDICTEURS DE VECTEURS DE MOUVEMENT
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[72] CHEN, YI-WEN, CN
[72] HUANG, YU-WEN, CN
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[73] HFI INNOVATION INC., TW
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[54] UNITE PLANTEUSE POUR SEMEUSE COMPORTANT UN DOSEUR DE SEMENCE A ELEMENT DE DOSAGE TOURNE VERS LE BAS ET SYSTEME DE DISTRIBUTION DE SEMENCE
[72] GARNER, ELIJAH, US
[72] FRIESTAD, MICHAEL E., US
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[72] ZHAN, QIWEN, US
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[72] GONZALES, ADOLFO, US
[72] MITCHELL, ROBERT, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[72] PATTON, KENNETH, US
[73] CIRCOR PUMPS NORTH AMERICA, LLC, US
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[54] DISPOSITIF DE STABILISATION AU SOL
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[72] CLARKE, NEIL, GB
[73] GRIPPLE LIMITED, GB
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[72] WILKENS, MARCELA, CL
[72] CASTRO, SERGIO, CL
[72] ESPINACE, RAUL, CL
[72] VALENZUELA, PAMELA, CL
[72] PALMA, JUAN, CL
[73] UNIVERSIDAD DE SANTIAGO DE CHILE, CL
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[54] **COMPACTING AND INJECTION MOULD FOR FIBROUS PREFORM INTENDED FOR THE MANUFACTURE OF A TURBOMACHINE FLOW-STRAIGHTENER VANE MADE OF COMPOSITE MATERIAL**
[54] **MOULE DE COMPACTAGE ET D'INJECTION POUR PREFORME FIBREUSE DESTINEE A LA FABRICATION D'UNE AUBE DE REDRESSEUR DE TURBOMACHINE EN MATERIAU COMPOSITE**
[72] PLANTE, ROMAIN, FR
[72] LACROIX, LISE, FR
[72] PATRIGEON, OLIVIER, FR
[72] CAUCHOIS, JEAN-PIERRE, FR
[72] BUREK, PASCAL, FR
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[73] THE JANGER LIMITED, GB
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[54] **A GLIDING PART TO BE FASTENED TO A FRAME OF A SAWING DEVICE**
[54] **PIECE COULISSANTE DEVANT ETRE FIXEE SUR UN CADRE D'UN DISPOSITIF DE SCIAGE**
[72] VILJANEN, REIJO, FI
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[54] **METHODS AND APPARATUSES FOR LOW-OVERHEAD WIRELESS BEACONS HAVING NEXT FULL BEACON TIME INDICATIONS**
[54] **METHODES ET APPAREILS POUR BALISES SANS FIL A FAIBLE SURDEBIT COMPRENANTDES INDICATIONS DE BALISE PLEINE SUIVANTE**
[72] ABRAHAM, SANTOSH PAUL, US
[72] FREDERIKS, GUIDO ROBERT, US
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[72] WENTINK, MAARTEN MENZO, US
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[72] SEBAA, JEROME GUY ROGER, FR
[72] BON, FABRICE, FR
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 - [72] HAMILTON, JEFFREY W, US
 - [72] STAVIG, PAUL N., JR, US
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 - [73] THE BOEING COMPANY, US
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- [54] **PRINTER FOR MINIMIZING ADVERSE MIXING OF HIGH AND LOW LUMINANCE INKS AT NOZZLE FACE OF INKJET PRINthead**
- [54] **IMPRIMANTE POUR MINIMISER UN MELANGE DEFAVORABLE D'ENCRÉS DE LUMINANCES ELEVÉE ET FAIBLE AU NIVEAU D'UNE FACE DE BUSES DE TÊTE D'IMPRESSION A JET D'ENCRE**
- [72] PRASHAR, JOGNANDAN KUMAR, AU
- [72] BISSON, ADRIAN PETER, AU
- [72] BROWN, BRIAN ROBERT, AU
- [72] JARAMILLO, GALO DAVID, AU
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 - [72] MENASSA, KARIM, CA
 - [72] MENASSA, MAURICE, CA
 - [72] GADOUA, ADAM, CA
 - [73] IDEE INTERNATIONAL R&D INC., CA
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- [54] **AMELIORATION DE LA FLAVEUR D'UNE BIÈRE PAR UNE ASSOCIATION DE LEVURE DE TYPE PICHIA ET DE DIFFÉRENTES VARIÉTÉS DE HOUBLON.**
- [72] SARENS, SOFIE, BE
- [72] SWIEGERS, JAN HENDRIK, DK
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 - [25] EN
 - [54] **METHOD AND APPARATUS FOR PREVENTING BUILDUP OF TWINE AND NETWRAP ON THE ROTOR OF A BALE PROCESSOR**
 - [54] **PROCEDE ET APPAREIL POUR EMPECHER L'ACCUMULATION D'UNE FICELLE ET D'UN FILET SUR LE ROTOR D'UN PROCESSEUR DE BALLE**
 - [72] GRAHAM, LUCAS B., US
 - [72] RIVELAND, SHAUN M., US
 - [72] STAM, PHILIP D., US
 - [73] VERMEER MANUFACTURING COMPANY, US
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- [54] **PROCEDE DE NETTOYAGE ET D'ASSAINISSEMENT D'INSTRUMENTS CHIRURGICAUX D'UNE MANIÈRE GÉNÉRALE ET DISPOSITIF APPROPRIÉ POUR METTRE EN UVRE LEDIT PROCEDE**
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- [54] SYSTEME FONDE SUR LE LASER CONCU POUR DETERMINER UNE TENEUR EN BITUME, PAR EXEMPLE, AU MOYEN D'UNE ANALYSE SPECTROSCOPIQUE FAISANT INTERVENIR DES LONGUEURS D'ONDE DISCRETES
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- [72] LE GALL, LAURENT, FR
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[54] PROCEDE ET DISPOSITIF DE DECOUPAGE DE PRECISION DE PIECES A USINER DANS UNE PRESSE
[72] ZIESEL, NORBERT, DE
[72] WITTIG, AXEL, DE
[73] WEBO WERKZEUGBAU OBERSCHWABEN GMBH, DE
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[73] MOBILITY 2000 (AUSTRALIA) LIMITED, AU
[73] UNIVERSITY OF TECHNOLOGY, SYDNEY, AU
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[72] VILLERET, GUILLAUME ANDRE RENE, FR
[72] TADINO, VINCENT LUC ANTOINE, BE
[73] OUT AND OUT CHEMISTRY SPRL, BE
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[54] UTILISATION D'INHIBITEURS A PETITES MOLECULES CIBLANT L'INTERACTION ENTRE RAC GTPASE ET P67(PHOX)
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[72] JAGTAP, PRAKASH, US
[72] BOSCO, EMILY, E., US
[72] MELLER, JAROSLAW, US
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[54] COMMANDE DE RECHERCHE DE PERFORMANCE DE MOTEUR A TURBINE A GAZ
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[54] PROCEDE ET APPAREIL D'ELIMINATION DE CONTAMINANTS A PARTIR D'UN COURANT DE GAZ
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[72] HARNESS, JOHN R., US
[72] PALLA, NAGARAJU, US
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[54] SYSTEME ET PROCEDE DE TRAITEMENT D'UN FLUX MULTIPHASE
 [72] WHITNEY, SCOTT M., US
 [72] GRAVE, EDWARD J., US
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 [73] EXXONMOBILE UPSTREAM RESEARCH COMPANY, US
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 [73] GENERAL ELECTRIC COMPANY, US
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[54] SYSTEMES ET PROCEDES DE FABRICATION DE PRODUITS A PLUSIEURS COMPARTIMENTS CONTENANT DES COMPOSANTS MOUILLES ET SECS
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 [72] DZIKOWICZ, ANTHONY EDWARD, US
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- [54] SYSTEME ET METHODE DE TELECHARGEMENT D'UN PRODUIT ELECTRONIQUE VERS UN TERMINAL A CLAVIER A NIP APRES UNE ENTREE DE PANIER D'ACHATS ELECTRONIQUE TRANSMISE DIRECTEMENT
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- [54] SYSTEME ET PROCEDE POUR GENERER UN CHANGEMENT DE PRESSION PROPORTIONNEL A UNE VISCOSITE DE FLUIDE
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- [73] FLOWPRO WELL TECHNOLOGY AS, NO
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- [73] MTIX LIMITED, GB
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 - [72] CONLEY, JILL, US
 - [72] WAITE, DANIELLE, US
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- [54] PROCEDE DE PRODUCTION D'UN MATERIAU D'EMBALLAGE MUNI D'UN REVETEMENT ET MATERIAU D'EMBALLAGE POURVU D'AU MOINS UNE COUCHE DE BARRAGE POUR DES COMPOSES HYDROPHOBES
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- [72] REISCHL, MARTIN, AT
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[72] ACERBETTI, STEFANO, US

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 [72] MOORMANN-SCHMITZ, ANTONIUS, DE
 [72] MEIXNER, HUBERT, DE
 [72] SANCHEZ CERRO, LUIS MIGUEL, DE
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 - [72] HANSEN, VIGGO, US
 - [72] KNOWLEN, CARL, US
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 - [72] WANG, FENGLAI, CN
 - [72] WANG, KEQI, CN
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 - [72] VETESNIK, JAN, CA
 - [73] TUFFBUILT PRODUCTS INC., CA
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[72] KOEHLER, JEREMY CHRISTOPHER, US
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[72] STIGGELBOUT, JOHN, US
[72] SMITH, TORREY, US
[72] WEI, HUNGWEN, US
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[72] CUDE, RONALD GORDON, US
[72] GERMAIN, OLIVIER ROGER, US
[72] REID, LAURENCE, US
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[72] BRENG, UWE, DE
[72] HAFEN, MARTIN, FR
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[72] SHEVGOOR, SIDDARTH K., US
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[51] Int.Cl. E21B 33/06 (2006.01) E21B 7/24 (2006.01) E21B 25/00 (2006.01) E21B 34/02 (2006.01) E21B 23/14 (2006.01)
[25] EN
[54] SONIC CORING BLOWOUT PREVENTER SYSTEM AND METHOD
[54] SYSTEME SONIQUE DE PREVENTION D'ECLATEMENT DE CAROTTE ET METHODE
[72] GIBBS, BRIAN, CA
[71] GIBBS, BRIAN, CA
[22] 2017-03-23
[41] 2018-09-23

[21] 2,961,844
[13] A1

[51] Int.Cl. A21D 13/19 (2017.01) A21D 13/16 (2017.01) A21B 3/13 (2006.01) A21B 5/02 (2006.01) A21C 11/00 (2006.01) A21C 14/00 (2006.01) A21D 8/00 (2006.01)
[25] EN
[54] IMPROVEMENTS ON ELECTRICAL/MECHANICAL EQUIPMENT, TO SPREAD RAW PUFF PASTRY UP ON IRON MOLDS, REPLICATING HUMAN WORK TO ACHIEVE SAME RESULT

[54] AMELIORATIONS DE L'EQUIPEMENT ELECTRIQUE/MECANIQUE DE DISTRIBUTION DE PATE SOUFFLEE SUR DES MOULES EN FER REPRODUISANT LE TRAVAIL HUMAIN AFIN D'OBtenir LE MEME RESULTAT

[72] SILVA CECILIO, JOAO LUIS DA, CA
[71] SILVA CECILIO, JOAO LUIS DA, CA
[22] 2017-03-23
[41] 2018-09-23

[21] 2,961,847
[13] A1

[51] Int.Cl. G01N 21/05 (2006.01) G01N 21/359 (2014.01)
[25] EN

[54] A GAS CELL BASED ON HOLLOW-CORE PHOTONIC CRYSTAL FIBER AND ITS APPLICATION FOR THE DETECTION OF GREENHOUSE GAS: NITROUS OXIDE

[54] UNE PILE AU GAZ A BASE DE FIBRE DE CRISTAL A AME CREUSE ET SON UTILISATION POUR LA DETECTION DU GAZ A EFFET DE SERRE, OXYDE D'AZOTE

[72] DAS, GAUTAM, CA
[71] LAKEHEAD UNIVERSITY, CA
[22] 2017-03-23
[41] 2018-09-23

[21] 2,961,903
[13] A1

[51] Int.Cl. G06Q 10/00 (2012.01)
[25] EN
[54] SYSTEM AND METHODS FOR CONTROLLING TENDER REVIEW PROCESS
[54] SYSTEME ET METHODE DE CONTROLE DU PROCESSUS D'EXAMEN DE SOUMISSION
[72] GASORE, ANICET, RW
[71] GASORE, ANICET, RW
[22] 2017-03-24
[41] 2018-09-24

[21] 2,961,914
[13] A1

[51] Int.Cl. F15B 3/00 (2006.01)
[25] EN
[54] A VALVELESS HYDRAULIC PRESSURE INTENSIFIER INCORPORATING ENERGY RECOVERY AND SELF-OPTIMIZING ENERGY USE MEANS
[54] UN DISPOSITIF D'INTENSIFICATION DE LA PRESSION HYDRAULIQUE SANS CLAPET INCORPORANT DES MECANISMES DE RECUPERATION D'ENERGIE ET D'UTILISATION D'ENERGIE OPTIMISEE AUTOMATIQUEMENT

[72] VOWLES, GERALD J., CA
[71] VOWLES, GERALD J., CA
[22] 2017-03-24
[41] 2018-09-24

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<p style="text-align: right;">[21] 2,962,001</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04B 17/00 (2015.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR MONITORING ANALOG AND DIGITAL TRANSCEIVERS</p> <p>[54] SYSTEMES ET METHODES DE SURVEILLANCE D'EMETTEURS- RECEPTEURS ANALOGIQUES ET NUMERIQUES</p> <p>[72] BOSWELL, ANDREW, CA</p> <p>[72] CRAIG, JAMES MICHAEL, CA</p> <p>[71] OPIO TECHNOLOGIES INC., CA</p> <p>[22] 2017-03-24</p> <p>[41] 2018-09-24</p>	<p style="text-align: right;">[21] 2,962,019</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. E02B 15/02 (2006.01) B63C 5/02 (2006.01) E02B 15/00 (2006.01)</p> <p>[25] EN</p> <p>[54] BUBBLER CONTAINMENT DEVICE AND METHOD</p> <p>[54] DISPOSITIF DE CONFINEMENT DE DIFFUSEUR DE BULLES ET METHODE</p> <p>[72] MUNTZ, KURT N., CA</p> <p>[71] MUNTZ, KURT N., CA</p> <p>[22] 2017-03-24</p> <p>[41] 2018-09-24</p>	<p style="text-align: right;">[21] 2,962,161</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B62D 37/02 (2006.01) F16B 2/06 (2006.01)</p> <p>[25] EN</p> <p>[54] BEAM CONNECTOR AND METHOD OF INSTALLATION</p> <p>[54] RACCORD DE POUTRE ET METHODE D'INSTALLATION</p> <p>[72] BOIVIN, MATHIEU, CA</p> <p>[72] DEIR, WALID, CA</p> <p>[72] BASSILY, GEORGES, CA</p> <p>[72] KANTHARAJU, SWAROOP, CA</p> <p>[72] TOME, ELIZABETH, CA</p> <p>[72] DAOUST, SYLVAIN, CA</p> <p>[71] TRANSTEX COMPOSITE INC., CA</p> <p>[22] 2017-03-28</p> <p>[41] 2018-09-28</p> <p>[30] US (15/471,696) 2017-03-28</p> <p>[30] US (62/314,062) 2017-03-28</p>
<p style="text-align: right;">[21] 2,962,151</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. E01C 11/18 (2006.01) E01C 5/08 (2006.01)</p> <p>[25] EN</p> <p>[54] REINFORCEMENT FOR A CONCRETE TILE</p> <p>[54] RENFORT DESTINE A UNE TUILE EN BETON</p> <p>[72] OUELLET, ANDRE, CA</p> <p>[72] HOULE, VINCENT, CA</p> <p>[71] LE SQUAREDECKO INC., CA</p> <p>[22] 2017-03-27</p> <p>[41] 2018-09-27</p>	<p style="text-align: right;">[21] 2,962,166</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65G 7/12 (2006.01) A45F 3/18 (2006.01)</p> <p>[25] EN</p> <p>[54] 19 LITRE WATER JUG CARRY HANDLE</p> <p>[54] POIGNEE DE TRANSPORT D'UN BIDON D'EAU DE 19 LITRES</p> <p>[72] BROWN, IVAN, CA</p> <p>[71] BROWN, IVAN, CA</p> <p>[22] 2017-03-28</p> <p>[41] 2018-09-28</p>	

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[21] **2,962,353**

[13] A1

[51] Int.Cl. B60T 3/00 (2006.01)

[25] EN

[54] CONVEX WHEEL CHOCK AND CHOCK EXTRACTOR

[54] CALE DE ROUE CONVEXE ET EXTRACTEUR DE CALE

[72] METZ, DONALD L., US

[72] GARROW, KRISTIAN P., US

[72] BEREAN, KYLE J., US

[71] DL MANUFACTURING, US

[22] 2017-03-28

[41] 2018-09-28

[21] **2,962,358**

[13] A1

[51] Int.Cl. E05F 15/614 (2015.01) E05D 11/00 (2006.01)

[25] EN

[54] MOTORIZED DOOR HINGE SYSTEM AND METHOD

[54] SYSTEME DE CHARNIERE DE PORTE MOTORISEE ET METHODE

[72] DAMBORAGAMA, EROSH, CA

[71] DAMBORAGAMA, EROSH, CA

[22] 2017-03-29

[41] 2018-09-28

[30] US (15471917) 2017-03-28

[21] **2,962,362**

[13] A1

[51] Int.Cl. G01N 21/95 (2006.01)

[25] EN

[54] APPARATUS FOR IMAGING THROUGH A VISCOSUS SUBSTANCE

[54] APPAREIL D'IMAGERIE A TRAVERS UNE SUBSTANCE VISQUEUSE

[72] DUFOUR, DENIS, CA

[71] INSTITUT NATIONAL D'OPTIQUE, CA

[22] 2017-03-29

[41] 2018-09-29

[21] **2,962,392**

[13] A1

[51] Int.Cl. A61F 5/042 (2006.01) A61F 5/01 (2006.01) A61H 1/02 (2006.01) A61G 7/10 (2006.01)

[25] EN

[54] SPINAL DECOMPRESSION IN YOUR EASY CHAIR

[54] DECOMPRESSION VERTEBRALE DANS VOTRE FAUTEUIL DE RELAXATION

[72] UNKNOWN, ZZ

[71] WILEY, DANIEL D., CA

[22] 2017-03-29

[41] 2018-09-29

[21] **2,962,850**

[13] A1

[51] Int.Cl. A23L 33/12 (2016.01) A23L 17/20 (2016.01) A23L 17/30 (2016.01) A23L 33/15 (2016.01) A23L 33/16 (2016.01) A23D 7/00 (2006.01) A23D 7/005 (2006.01) A23D 9/013 (2006.01) A23D 9/02 (2006.01) A23J 7/00 (2006.01) A61K 31/202 (2006.01)

A61K 31/675 (2006.01) A61K 33/06 (2006.01) A61P 25/24 (2006.01) A61P 25/26 (2006.01) A61P 25/28 (2006.01) C11C 1/00 (2006.01)

[25] EN

[54] FISH EGG EXTRACTS, OMEGA-3 LIPID-BASED COMPOSITIONS AND USES THEREOF

[54] EXTRAITS D'OEUFS DE POISSON, COMPOSITIONS A BASE DE LIPIDE OMEGA 3 ET LEURS UTILISATIONS

[72] BEAUDOIN, ADRIEN, CA

[72] BEAUDOIN, LUC, CA

[71] BIOFLASH INC., CA

[22] 2017-03-29

[41] 2018-09-29

[21] **2,963,015**

[13] A1

[51] Int.Cl. G06Q 50/10 (2012.01) G06Q 10/02 (2012.01) G06Q 50/30 (2012.01)

[25] EN

[54] METHOD AND APPARATUS FOR ONLINE RENTAL OF VEHICLES

[54] METHODE ET APPAREIL DE LOCATION EN LIGNE DE VEHICULES

[72] SHOEN, EDWARD J., US

[72] COLMAN, MICHAEL GEORGE, US

[72] REID, MARIAH ANNE, US

[72] TONAN, ARTHUR SCOTT, US

[72] WATHEN, JOHN SAMUEL, US

[71] U-HAUL INTERNATIONAL, INC., US

[22] 2017-04-03

[41] 2018-09-29

[30] US (15/473,429) 2017-03-29

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<p>[21] 2,978,288 [13] A1</p> <p>[51] Int.Cl. A47L 15/50 (2006.01) A47L 15/14 (2006.01)</p> <p>[25] EN</p> <p>[54] MOVABLE CUTLERY BASKET</p> <p>[54] PANIER D'USTENSILES MOBILE</p> <p>[72] CARR, CASEY, US [72] HARR, DEBORAH, US [71] BSH HOME APPLIANCES CORPORATION, US [71] BSH HAUSGERATE GMBH, DE [22] 2017-09-05 [41] 2018-09-29 [30] US (15/472337) 2017-03-29</p>	<p>[21] 2,988,047 [13] A1</p> <p>[51] Int.Cl. A61B 17/04 (2006.01) A61B 17/68 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR CONTROLLING A RELATIONSHIP BETWEEN FIRST AND SECOND BODIES ON A PERSON</p> <p>[54] SYSTEME ET METHODE DE CONTROLE D'UNE RELATION ENTRE LE PREMIER ET LE DEUXIEME CORPS SUR UNE PERSONNE</p> <p>[72] MEDOFF, ROBERT, US [71] TRIMED, INCORPORATED, US [22] 2017-12-06 [41] 2018-09-27 [30] US (15/470,321) 2017-03-27</p>	<p>[21] 2,992,182 [13] A1</p> <p>[51] Int.Cl. A63G 7/00 (2006.01) A63G 31/02 (2006.01)</p> <p>[25] EN</p> <p>[54] AMUSEMENT RIDE WITH CONTROLLABLE AND RACER MOTORCYCLE TO SIMULATE MOTOR CYCLE RIDING</p> <p>[54] MANEGE EQUIPE D'UNE MOTOCYCLETTE DE COURSE CONTROLEABLE ET MOTOCYCLETTE DE COURSE POUR SIMULER LA CONDUITE D'UNE MOTOCYCLETTE</p> <p>[72] KIANI, ALI, CA [71] KIANI, ALI, CA [22] 2018-01-17 [41] 2018-09-25</p>
<p>[21] 2,978,566 [13] A1</p> <p>[51] Int.Cl. E21B 43/11 (2006.01) E21B 17/08 (2006.01) E21B 43/10 (2006.01)</p> <p>[25] EN</p> <p>[54] PRESSURE PERFORATED WELL CASING SYSTEM</p> <p>[54] SYSTEME DE TUBAGE DE PUITS PERFORE A PRESSION</p> <p>[72] DALLAS, L. MURRAY, US [71] DALLAS, L. MURRAY, US [22] 2017-09-08 [41] 2018-09-27 [30] US (15/469,821) 2017-03-27</p>	<p>[21] 2,990,653 [13] A1</p> <p>[51] Int.Cl. A63G 7/00 (2006.01) A63G 21/04 (2006.01)</p> <p>[25] EN</p> <p>[54] AMUSEMENT RIDE WITH CONTROLLABLE HELICAL MOTION OF AN ECCENTRIC RIDER AROUND THE CENTRAL AXIS OF THE ROUTE OF THE RIDER</p> <p>[54] MANEGE A MOUVEMENT HELICOÏDAL CONTRÔLABLE D'UN PASSAGER EXCENTRIQUE AUTOUR DE L'AXE CENTRAL DU TRAJET DU PASSAGER</p> <p>[72] KIANI, ALI AK, CA [71] KIANI, ALI AK, CA [22] 2018-01-02 [41] 2018-09-28</p>	<p>[21] 2,992,191 [13] A1</p> <p>[51] Int.Cl. H05B 6/02 (2006.01) H05B 6/06 (2006.01) H05B 6/10 (2006.01)</p> <p>[25] EN</p> <p>[54] APPARATUS, SYSTEM, AND METHOD FOR INDUCTION HEATING</p> <p>[54] APPAREIL, SYSTEME ET METHODE D'INDUCTION DE CHALEUR</p> <p>[72] GRAY, EVERETTE D., US [71] THE BOEING COMPANY, US [22] 2018-01-18 [41] 2018-09-23 [30] US (15/467857) 2017-03-23</p>

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<p>[21] 2,993,566 [13] A1</p> <p>[51] Int.Cl. B60G 17/015 (2006.01) B64C 25/62 (2006.01) F16F 9/50 (2006.01)</p> <p>[25] EN</p> <p>[54] DUAL-STAGE, PRESSURE-ACTIVATED, MIXED FLUID GAS SHOCK STRUT SERVICING MONITORING SYSTEM</p> <p>[54] SYSTEME DE SURVEILLANCE D'ENTRETIEN DE JAMBE A AMORTISSEUR A GAZ MELANGE A DEUX ETAGES, ACTIVE PAR PRESSION</p> <p>[72] FAZELI, AMIR, CA</p> <p>[72] CEPIC, ADNAN, CA</p> <p>[72] REBER, SUSANNE M., US</p> <p>[71] GOODRICH CORPORATION, US</p> <p>[22] 2018-01-30</p> <p>[41] 2018-09-24</p> <p>[30] US (62/476,509) 2017-03-24</p> <p>[30] US (15/642,058) 2017-07-05</p>	<p>[21] 2,994,454 [13] A1</p> <p>[51] Int.Cl. B64D 11/00 (2006.01) B64D 43/00 (2006.01)</p> <p>[25] FR</p> <p>[54] DETECTION PROCESS FOR UNEXPECTED EVENT IN AN AIRCRAFT, AND AN AIRCRAFT</p> <p>[54] PROCEDE DE DETECTION D'UN EVENEMENT IMPREVU DANS UN AERONEF, ET UN AERONEF</p> <p>[72] FONTAINE, LIONEL, FR</p> <p>[72] FOURNEAU-PELLETIER, ROMAIN, FR</p> <p>[72] BILLET-FOISSAC, EMILIE, FR</p> <p>[71] AIRBUS HELICOPTERS, FR</p> <p>[22] 2018-02-08</p> <p>[41] 2018-09-28</p> <p>[30] FR (1770309) 2017-03-28</p>	<p>[21] 2,994,477 [13] A1</p> <p>[51] Int.Cl. B64C 27/605 (2006.01)</p> <p>[25] FR</p> <p>[54] ROTOR FOR ROTORCRAFT INCLUDING AN ASSEMBLY OF CYCLICAL PLATES AND TWO TURNING COMPASSES</p> <p>[54] ROTOR DE GIRAVION INCLUANT UN ENSEMBLE DE PLATEAUX CYCLIQUES ET DEUX COMPAS TOURNANTS</p> <p>[72] EBERHARD, ALAIN, FR</p> <p>[72] OUAJJOU, NABIL, FR</p> <p>[72] MASSAL, FABIEN, FR</p> <p>[71] AIRBUS HELICOPTERS, FR</p> <p>[22] 2018-02-08</p> <p>[41] 2018-09-28</p> <p>[30] FR (1770308) 2017-03-28</p>

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<p style="text-align: right;">[21] 2,997,268</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G08B 29/02 (2006.01) G08B 13/00 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR RECREATING TIME-BASED EVENTS USING A BUILDING MONITORING SYSTEM</p> <p>[54] METHODE DE RECREATION D'EVENEMENTS TEMPORELS AU MOYEN D'UN SYSTEME DE SURVEILLANCE DE BATIMENT</p> <p>[72] MEGANATHAN, DEEPAK SUNDAR, US</p> <p>[72] HEGDE, VINAY, US</p> <p>[71] HONEYWELL INTERNATIONAL INC., US</p> <p>[22] 2018-03-02</p> <p>[41] 2018-09-29</p> <p>[30] US (15/472,650) 2017-03-29</p>	<p style="text-align: right;">[21] 2,997,737</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. E05D 15/06 (2006.01)</p> <p>[25] EN</p> <p>[54] ADJUSTABLE GUIDE DEVICE FOR A SLIDING ELEMENT</p> <p>[54] DISPOSITIF GUIDE AJUSTABLE DESTINE A UN ELEMENT COUSSIANT</p> <p>[72] JUSTL, SASCHA, CH</p> <p>[72] YEZZA, NEJIB, CH</p> <p>[72] ETTMULLER, PETER, CH</p> <p>[72] HAAB, GREGOR, CH</p> <p>[71] HAWA SLIDING SOLUTIONS AG, CH</p> <p>[22] 2018-03-08</p> <p>[41] 2018-09-23</p> <p>[30] EP (17162589.0) 2017-03-23</p>	<p style="text-align: right;">[21] 2,997,986</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04L 12/16 (2006.01)</p> <p>[25] EN</p> <p>[54] SCORING MECHANISM FOR DISCOVERY OF EXTREMIST CONTENT</p> <p>[54] MECANISME DE POINTAGE DESTINE A LA DECOUVERTE DE CONTENU EXTREMISTE</p> <p>[72] MCCOY, ANTHONY, IE</p> <p>[72] ZAMAN, MD FAISAL, IE</p> <p>[72] SHARPE, CARL, IE</p> <p>[72] HAMITI, SOFIAN, IE</p> <p>[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB</p> <p>[22] 2018-03-12</p> <p>[41] 2018-09-29</p> <p>[30] US (15/473,173) 2017-03-29</p>
<p style="text-align: right;">[21] 2,997,736</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. E05D 15/06 (2006.01) E06B 3/46 (2006.01)</p> <p>[25] EN</p> <p>[54] SLIDING ELEMENT WITH SEALING DEVICE AND SEALING ELEMENT</p> <p>[54] ELEMENT COUSSIANT DOTE D'UN DISPOSITIF ETANCHE ET ELEMENT ETANCHE</p> <p>[72] JUSTL, SASCHA, CH</p> <p>[72] STREBEL, MYRTA, CH</p> <p>[72] ETTMULLER, PETER, CH</p> <p>[72] HAAB, GREGOR, CH</p> <p>[71] HAWA SLIDING SOLUTIONS AG, CH</p> <p>[22] 2018-03-08</p> <p>[41] 2018-09-23</p> <p>[30] EP (17162591.6) 2017-03-23</p>	<p style="text-align: right;">[21] 2,997,798</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A01D 41/127 (2006.01) A01D 41/06 (2006.01) A01D 47/00 (2006.01)</p> <p>[25] EN</p> <p>[54] CROP HARVESTING MACHINE INCLUDING RETRACTABLE SENSOR FINGERS WITH ADJUSTABLE GROUND PRESSURE AND HEADER TILT CONTROL</p> <p>[54] MACHINE DE RECOLTE COMPORANT DES DOIGTS CAPTEURS RETRACTABLES, A PRESSION AU SOL REGLABLE ET CONTROLE D'INCLINAISON DE RECOLTEUSE</p> <p>[72] LACY, NOLAN, CA</p> <p>[72] OTTO, PHILIP, CA</p> <p>[72] BARNETT, NEIL, CA</p> <p>[71] MACDON INDUSTRIES LTD., CA</p> <p>[22] 2018-03-09</p> <p>[41] 2018-09-28</p> <p>[30] US (15471475) 2017-03-28</p>	<p style="text-align: right;">[21] 2,998,024</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. F16H 39/04 (2006.01) F15B 21/04 (2006.01)</p> <p>[25] EN</p> <p>[54] ENTRAINED AIR DEFLECTOR FOR A HYDROSTATIC TRANSMISSION</p> <p>[54] DEFLECTEUR D'AIR ENTRAINE DESTINE A UNE TRANSMISSION HYDROSTATIQUE</p> <p>[72] LEE, JUSTIN WILLIAM, US</p> <p>[72] MLCOCH, ERIC PHILIP, US</p> <p>[72] WHITEHEAD, ROBERT CLIFTON, US</p> <p>[72] SHAN, STEPHEN HANG, US</p> <p>[72] HUNTLEY, RICHARD BRENDON, US</p> <p>[71] HONDA MOTOR CO., LTD., JP</p> <p>[22] 2018-03-13</p> <p>[41] 2018-09-28</p> <p>[30] US (15/471,442) 2017-03-28</p>
<p style="text-align: right;">[21] 2,998,045</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G05G 1/10 (2006.01) H02M 1/00 (2007.10)</p> <p>[25] EN</p> <p>[54] SYSTEMS, METHODS, AND DEVICES FOR REMOTE SENSE WITHOUT WIRES</p> <p>[54] SYSTEMES, METHODES ET DISPOSITIFS DE TELEDETECTION SANS FIL</p> <p>[72] HOFFMAN, DAVID, US</p> <p>[71] VERSATILE POWER, INC., US</p> <p>[22] 2018-03-13</p> <p>[41] 2018-09-24</p> <p>[30] US (15/469069) 2017-03-24</p>		

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<p style="text-align: right;">[21] 2,998,164 [13] A1</p> <p>[51] Int.Cl. G06Q 10/08 (2012.01) G06T 7/70 (2017.01) G06K 9/62 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR TELECOM INVENTORY MANAGEMENT</p> <p>[54] SYSTEME ET METHODE DE GESTION D'INVENTAIRE DE TELECOMMUNICATION</p> <p>[72] HEBBALAGUPPE, RAMYA SUGNANA MURTHY, IN</p> <p>[72] HASSAN, EHTESHAM, IN</p> <p>[72] GHOSH, HIRANMAY, IN</p> <p>[72] GAURAV, IN</p> <p>[71] TATA CONSULTANCY SERVICES LIMITED, IN</p> <p>[22] 2018-03-14</p> <p>[41] 2018-09-24</p> <p>[30] IN (201721010459) 2017-03-24</p> <hr/> <p style="text-align: right;">[21] 2,998,167 [13] A1</p> <p>[51] Int.Cl. G09F 13/04 (2006.01) G02B 1/04 (2006.01) G02B 3/00 (2006.01) H05K 1/18 (2006.01)</p> <p>[25] EN</p> <p>[54] LIGHT EMITTING DIODE ASSEMBLY</p> <p>[54] DISPOSITIF DE DIODE ELECTROLUMINESCENTE</p> <p>[72] DUBUC, EDEN, CA</p> <p>[71] GE LIGHTING SOLUTIONS, LLC, US</p> <p>[22] 2018-03-15</p> <p>[41] 2018-09-28</p> <p>[30] US (15/471,129) 2017-03-28</p> <hr/> <p style="text-align: right;">[21] 2,998,317 [13] A1</p> <p>[51] Int.Cl. B41M 5/50 (2006.01) B32B 5/18 (2006.01) B32B 5/32 (2006.01) B32B 7/12 (2006.01) B41M 5/382 (2006.01)</p> <p>[25] EN</p> <p>[54] THERMAL TRANSFER IMAGE RECEIVING SHEET</p> <p>[54] FEUILLE DE RECEPTION D'IMAGE DE TRANSFERT THERMIQUE</p> <p>[72] TAKAHASHI, HIDEAKI, JP</p> <p>[72] ASAII, SHIGEKI, JP</p> <p>[71] TOMOEGAWA CO., LTD., JP</p> <p>[22] 2018-03-19</p> <p>[41] 2018-09-24</p> <p>[30] JP (2017-058626) 2017-03-24</p>	<p style="text-align: right;">[21] 2,998,409 [13] A1</p> <p>[51] Int.Cl. H04B 10/25 (2013.01) H04B 10/278 (2013.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHOD FOR BIDIRECTIONAL EXCHANGE OF DATA WITH A MOBILE APPARATUS THROUGH AT LEAST ONE LEAKY OPTICAL FIBER</p> <p>[54] SYSTEME ET METHODE D'ECHANGE BIDIRECTIONNEL DE DONNEES AVEC UN APPAREIL MOBILE PAR AU MOINS UNE FIBRE OPTIQUE PRESENTANT UNE FUITE</p> <p>[72] JARRY, STEPHAN, CA</p> <p>[72] LABADIE, JEAN, CA</p> <p>[71] LES INDUSTRIES SHOW CANADA INC., CA</p> <p>[22] 2018-03-19</p> <p>[41] 2018-09-28</p> <p>[30] US (15/470,948) 2017-03-28</p> <hr/> <p style="text-align: right;">[21] 2,998,619 [13] A1</p> <p>[51] Int.Cl. H04M 3/436 (2006.01) H04W 4/14 (2009.01) H04W 4/16 (2009.01) H04W 12/10 (2009.01) H04L 9/32 (2006.01) H04L 29/06 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR PROVIDING CALL VERIFICATION</p> <p>[54] SYSTEMES ET METHODES DE VERIFICATION D'APPEL</p> <p>[72] YACOV, SHAY BEN, IL</p> <p>[72] BARENBOIM, ILIYA, IL</p> <p>[72] GUBES, ROMI, IL</p> <p>[72] BIANCO, ITAY, IL</p> <p>[72] SRINIVASAN, SRIVATSAN, US</p> <p>[71] VONAGE BUSINESS INC., US</p> <p>[22] 2018-03-20</p> <p>[41] 2018-09-24</p> <p>[30] US (15/468,805) 2017-03-24</p>	<p style="text-align: right;">[21] 2,998,629 [13] A1</p> <p>[51] Int.Cl. B66F 3/22 (2006.01) B66F 7/28 (2006.01)</p> <p>[25] EN</p> <p>[54] VEHICLE JACK AND ADAPTER THEREFOR</p> <p>[54] CRIC DE LEVAGE DE VEHICULE ET ADAPTATEUR ASSOCIE</p> <p>[72] CHEUNG, ALAN, US</p> <p>[71] VOLKSWAGEN OF AMERICA, INC., US</p> <p>[22] 2018-03-20</p> <p>[41] 2018-09-24</p> <p>[30] US (15/468,826) 2017-03-24</p> <hr/> <p style="text-align: right;">[21] 2,998,664 [13] A1</p> <p>[51] Int.Cl. A63B 69/00 (2006.01) A63B 59/20 (2015.01) A63B 59/70 (2015.01) A63B 69/36 (2006.01) A63B 69/38 (2006.01)</p> <p>[25] EN</p> <p>[54] STICK HANDLING TRAINING DEVICE AND METHOD</p> <p>[54] DISPOSITIF D'ENTRAINEMENT AU MANIEMENT DU BATON ET METHODE</p> <p>[72] CLARKE, CABLE, US</p> <p>[71] CLARKE, CABLE, US</p> <p>[22] 2018-03-21</p> <p>[41] 2018-09-23</p> <p>[30] US (62/475,433) 2017-03-23</p> <p>[30] US (15/924,660) 2018-03-19</p> <hr/> <p style="text-align: right;">[21] 2,998,755 [13] A1</p> <p>[51] Int.Cl. H02B 1/04 (2006.01)</p> <p>[25] EN</p> <p>[54] LOADCENTERS WITH IMPROVED BACKPAN TO BACK WALL ASSEMBLY FASTENERS ALLOWING ONE DIRECTION ASSEMBLY AND RELATED ENCLOSURES AND METHODS</p> <p>[54] CENTRES DE CHARGE DOTES DE FIXATIONS D'ASSEMBLAGE DE PAROI ARRIERE A PANNEAU ARRIERE AMELIOREES PERMETTANT L'ASSEMBLAGE DANS UNE DIRECTION ET ENCEINTES ASSOCIEES, ET METHODES</p> <p>[72] BENSON, TONY RAY, US</p> <p>[71] EATON INTELLIGENT POWER LIMITED, IE</p> <p>[22] 2018-03-21</p> <p>[41] 2018-09-23</p> <p>[30] US (15/467870) 2017-03-23</p>
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<p style="text-align: right;">[21] 2,998,769</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A01K 63/00 (2017.01) A01K 80/00 (2006.01)</p> <p>[25] EN</p> <p>[54] DEVICE FOR INVERTING FLOATING OYSTER CAGES</p> <p>[54] DISPOSITIF DE RENVERSEMENT DE GAGES A HUITRES FLOTTANTES</p> <p>[72] GOUDAY, CLIFFORD A., US</p> <p>[72] MOOK, WILLIAM H., US</p> <p>[71] GOUDAY, CLIFFORD A., US</p> <p>[71] MOOK, WILLIAM H., US</p> <p>[22] 2018-03-21</p> <p>[41] 2018-09-27</p> <p>[30] US (15/470,823) 2017-03-27</p>	<p style="text-align: right;">[21] 2,998,798</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B05B 1/18 (2006.01)</p> <p>[25] EN</p> <p>[54] ANGULARLY ADJUSTED SPRAY NOZZLE</p> <p>[54] BUSE A JET AJUSTE DE MANIERE ANGULAIRE</p> <p>[72] DUONG, HA V., US</p> <p>[72] MICHAEL, VICKY A., US</p> <p>[72] NIES, JUERGEN, US</p> <p>[72] HOYLE, MARK, US</p> <p>[71] MELNOR, INC., US</p> <p>[22] 2018-03-21</p> <p>[41] 2018-09-23</p> <p>[30] US (62/475,493) 2017-03-23</p>	<p style="text-align: right;">[21] 2,998,809</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G02B 27/00 (2006.01) H04B 10/40 (2013.01) G02B 6/32 (2006.01) G02B 27/10 (2006.01) H01L 31/12 (2006.01) H05K 9/00 (2006.01) G01J 1/42 (2006.01)</p> <p>[25] EN</p> <p>[54] BIDIRECTIONAL OPTOELECTRONIC SUB-ASSEMBLY</p> <p>[54] SOUS-MODULE OPTOELECTRONIQUE BIDIRECTIONNEL</p> <p>[72] XU, JUNCHENG, US</p> <p>[72] CHICK, JAMES STEVEN, US</p> <p>[72] STAPLETON, TERRY M., US</p> <p>[71] LUMASENSE TECHNOLOGIES HOLDINGS, INC., US</p> <p>[22] 2018-03-21</p> <p>[41] 2018-09-24</p> <p>[30] US (15/468,908) 2017-03-24</p>
<p style="text-align: right;">[21] 2,998,777</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. F17D 3/03 (2006.01)</p> <p>[25] EN</p> <p>[54] A BIDIRECTIONAL ELECTROMAGNETIC PROPELLED THRUSTER DEVICE FOR USE IN TUBULARS</p> <p>[54] UN DISPOSITIF DE POUSSEE PROPULSE DE MANIERE ELECTROMAGNETIQUE, BIDIRECTIONNEL DESTINE AUX TUBULURES</p> <p>[72] DURWARD, ROBERT BONTHRON, CA</p> <p>[71] PEP ENERGY SYSTEMS LTD., CA</p> <p>[22] 2018-03-21</p> <p>[41] 2018-09-28</p> <p>[30] US (62/477,901) 2017-03-28</p>	<p style="text-align: right;">[21] 2,998,806</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. G01K 1/14 (2006.01) H02B 99/00 (2009.01) H01H 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] TEMPERATURE MONITORING DEVICES FOR ELECTRICAL APPARATUS, SWITCHGEARS WITH SAME AND RELATED METHODS</p> <p>[54] DISPOSITIFS DE SURVEILLANCE DE LA TEMPERATURE DESTINES A UN APPAREIL ELECTRIQUE, APPAREILLAGE DE CONNEXION DOTE DUDIT DISPOSITIF ET METHODES ASSOCIEES</p> <p>[72] XIN, CHAO, CN</p> <p>[72] WANG, YAZHOU, CN</p> <p>[72] WU, BINGHUA, CN</p> <p>[72] ZHU, XU, CN</p> <p>[72] ZHOU, XIN, US</p> <p>[71] EATON INTELLIGENT POWER LIMITED, IE</p> <p>[22] 2018-03-21</p> <p>[41] 2018-09-23</p> <p>[30] US (15/467914) 2017-03-23</p>	<p style="text-align: right;">[21] 2,998,811</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H02M 1/00 (2007.10) H02M 7/04 (2006.01) H02P 27/06 (2006.01)</p> <p>[25] EN</p> <p>[54] CONVERTER APPARATUS USING SOURCE-ACTIVATED DISCHARGE CIRCUITS</p> <p>[54] APPAREIL CONVERTISSEUR EMPLOYANT DES CIRCUITS DE DECHARGE ACTIVES A LA SOURCE</p> <p>[72] SIMMS, STAN REX, US</p> <p>[72] MAURIN, JOHN DAVID, US</p> <p>[72] FARR, THOMAS ARTHUR, US</p> <p>[71] EATON INTELLIGENT POWER LIMITED, IE</p> <p>[22] 2018-03-21</p> <p>[41] 2018-09-23</p> <p>[30] US (15/467711) 2017-03-23</p>
<p style="text-align: right;">[21] 2,998,785</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. E04F 19/08 (2006.01) E03C 1/02 (2006.01) E04F 17/08 (2006.01) F16L 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] MODULAR PLUMBING BOX SYSTEM AND METHODS OF MOUNTING THE SAME</p> <p>[54] SYSTEME DE BOITE DE PLOMBERIE MODULAIRE ET METHODE D'INSTALLATION ASSOCIEE</p> <p>[72] BROWN, KENNETH, US</p> <p>[72] LORKOWSKI, AARON, US</p> <p>[71] OATEY CO., US</p> <p>[22] 2018-03-21</p> <p>[41] 2018-09-23</p> <p>[30] US (62/475405) 2017-03-23</p> <p>[30] US (15/924675) 2018-03-19</p>		

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<p style="text-align: right;">[21] 2,998,813 [13] A1</p> <p>[51] Int.Cl. A61B 18/00 (2006.01) A61B 17/24 (2006.01) A61M 25/10 (2013.01) [25] EN [54] SAFE ABLATION OF EUSTACHIAN TUBE EPITHELIUM [54] ABLATION SURE DE L'EPITHELIUM DE LA TROMPE D'EUSTACHE [72] GLINER, VADIM, IL [72] EPHRATH, YARON, IL [72] ALTMANN, ANDRES CLAUDIO, IL [71] BIOSENSE WEBSTER (ISRAEL) LTD., IL [22] 2018-03-21 [41] 2018-09-23 [30] US (15/467,774) 2017-03-23</p>	<p style="text-align: right;">[21] 2,998,897 [13] A1</p> <p>[51] Int.Cl. F16L 53/30 (2018.01) E03F 5/08 (2006.01) F24F 7/00 (2006.01) F28D 15/00 (2006.01) F28D 21/00 (2006.01) [25] EN [54] PASSIVE HEAT RECOVERY OR DEFROSTING DEVICE USING A CLOSED LOOP HEAT TRANSFER CIRCUIT [54] DISPOSITIF DE RECUPERATION PASSIVE DE CHALEUR OU DEGIVRAGE EMPLOYANT UN CIRCUIT DE TRANSFERT THERMIQUE A BOUCLE FERMEE [72] DOBSON, JAMES W., CA [71] DOBSON, JAMES W., CA [22] 2018-03-22 [41] 2018-09-24 [30] US (62476588) 2017-03-24</p>	<p style="text-align: right;">[21] 2,998,919 [13] A1</p> <p>[51] Int.Cl. H04M 1/19 (2006.01) H04W 12/02 (2009.01) G10K 11/175 (2006.01) H02J 7/00 (2006.01) [25] EN [54] METHOD AND APPARATUS FOR USING MOBILE PHONE IN SECURITY RESTRICTED AREAS [54] METHODE ET APPAREIL DESTINES A UN TELEPHONE MOBILE DANS LES ZONES A SECURITE CONTROLEE [72] SOFFER, AVIV, IL [71] HIGH SEC LABS LTD., IL [22] 2018-03-22 [41] 2018-09-23 [30] US (15/467,083) 2017-03-23</p>
<p style="text-align: right;">[21] 2,998,893 [13] A1</p> <p>[51] Int.Cl. B66F 9/22 (2006.01) F15B 15/20 (2006.01) F15B 20/00 (2006.01) [25] EN [54] SYSTEMS AND METHODS FOR MAST STABILIZATION ON A MATERIAL HANDLING VEHICLE [54] SYSTEMES ET METHODES DE STABILISATION DE MAT SUR UN VEHICULE DE TRANSPORT DE MATERIAU [72] YAHNER, JOSEPH THOMAS, US [72] SMITH, ERIC ALBERT, US [71] THE RAYMOND CORPORATION, US [22] 2018-03-22 [41] 2018-09-23 [30] US (62/475590) 2017-03-23</p>	<p style="text-align: right;">[21] 2,998,917 [13] A1</p> <p>[51] Int.Cl. F23J 15/00 (2006.01) F24V 30/00 (2018.01) B01D 53/02 (2006.01) B01D 53/62 (2006.01) [25] EN [54] FLUE GAS CARBON AND HEAT CAPTURE AND RECIRCULATION SYSTEM [54] CAPTURE DE CARBONE ET DE CHALEUR DE GAZ DE CARNEAU, ET SYSTEME DE RECIRCULATION [72] CARDIFF, JAESON, CA [71] CLEANO2 CARBON CAPTURE TECHNOLOGIES INC., CA [22] 2018-03-22 [41] 2018-09-23 [30] US (62/475,400) 2017-03-23</p>	<p style="text-align: right;">[21] 2,998,929 [13] A1</p> <p>[51] Int.Cl. H01M 8/04119 (2016.01) H01M 8/04291 (2016.01) H01M 8/2465 (2016.01) H01M 2/36 (2006.01) [25] EN [54] FUEL CELL STACK [54] EMPILEMENT DE PILES A COMBUSTIBLE [72] KANNO, DAISUKE, JP [72] YAMASAKI, TAKENORI, JP [72] IDA, ATSUSHI, JP [72] HAYASHI, DAISUKE, JP [72] KURITA, SHUJI, JP [72] KONDO, TAKASHI, JP [72] HASHIMOTO, KEIJI, JP [71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP [71] TOYOTA SHATAI KABUSHIKI KAISHA, JP [22] 2018-03-22 [41] 2018-09-24 [30] JP (2017-058313) 2017-03-24</p>

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<p style="text-align: right;">[21] 2,998,944</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A47K 10/16 (2006.01) B65H 18/28 (2006.01)</p> <p>[25] EN</p> <p>[54] COMPRESSED CORELESS ROLL OF SHEET PRODUCT HAVING A CENTER INDICATOR</p> <p>[54] PRODUIT DE FEUILLE EN ROULEAU SANS NOYAU COMPRESSE COMPORTANT UN INDICATEUR DE CENTRE</p> <p>[72] NAGUBADI, RAJENDRA P., US</p> <p>[71] GPCP IP HOLDINGS LLC, US</p> <p>[22] 2018-03-21</p> <p>[41] 2018-09-27</p> <p>[30] US (62/476,915) 2017-03-27</p> <p>[30] US (15/908,622) 2018-02-28</p>	<p style="text-align: right;">[21] 2,998,946</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A47C 9/02 (2006.01) A41D 10/00 (2006.01) A41D 11/00 (2006.01)</p> <p>[25] EN</p> <p>[54] BABY SLEEPING GARMENT</p> <p>[54] PYJAMA POUR BEBE</p> <p>[72] VILLARREAL, LOURDES, AU</p> <p>[71] S & M TRADING PTY LTD., AU</p> <p>[22] 2018-03-22</p> <p>[41] 2018-09-24</p> <p>[30] AU (2017901068) 2017-03-24</p>	<p style="text-align: right;">[21] 2,999,010</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B62D 25/04 (2006.01) B60J 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] FRONT PILLAR STRUCTURE</p> <p>[54] STRUCTURE DE PILIER AVANT</p> <p>[72] IKEDA, KOKI, JP</p> <p>[72] SAKABE, MOTOYA, JP</p> <p>[72] KOMORIYA, KAZUKI, JP</p> <p>[72] OGATA, KAZUYOSHI, JP</p> <p>[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP</p> <p>[22] 2018-03-23</p> <p>[41] 2018-09-27</p> <p>[30] JP (2017-061557) 2017-03-27</p>

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 [13] A1
 [51] Int.Cl. B05B 1/08 (2006.01)
 [25] EN
[54] COMPACT ULTRASONICALLY PULSED WATERJET NOZZLE
[54] BUSE DE JET D'EAU PULSE DE MANIERE ULTRASONIQUE COMPACTE
 [72] VIJAY, MOHAN, CA
 [72] TIEU, ANDREW, CA
 [72] YAN, WENZHOU, CA
 [72] DANIELS, BRUCE, CA
 [72] XU, MEISHING, CA
 [71] VLN ADVANCED TECHNOLOGIES INC., CA
 [22] 2018-03-23
 [41] 2018-09-24
 [30] US (62/476,149) 2017-03-24

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 [13] A1
 [51] Int.Cl. A47J 31/20 (2006.01) A47J 31/10 (2006.01)
 [25] EN
[54] DEVICE FOR PREPARING A FILTERED COFFEE BEVERAGE
[54] DISPOSITIF DE PREPARATION D'UNE BOISSON AU CAFE FILTREE
 [72] HERMSEN, MANFRED, DE
 [71] HERMSEN, MANFRED, DE
 [22] 2018-03-23
 [41] 2018-09-27
 [30] DE (10 2017 002 943.1) 2017-03-27

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 [13] A1
 [51] Int.Cl. C07K 16/28 (2006.01) A61K 35/12 (2015.01) A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 37/02 (2006.01) C07K 14/705 (2006.01) C07K 14/72 (2006.01) C12N 5/16 (2006.01) C12P 21/08 (2006.01) G01N 33/577 (2006.01)
 [25] EN
[54] ANTI-HUMAN ADRB3 MONOCLONAL ANTIBODY AND APPLICATION THEREOF IN DISEASE DIAGNOSIS AND TREATMENT
[54] ANTICORPS MONOCOLONAL ADRB3 ANTI-HUMAIN ET UTILISATION DANS LE DIAGNOSTIC ET LE TRAITEMENT DE MALADIES
 [72] ZHENG, MENG, CN
 [72] LIN, SHUGUANG, CN
 [71] ZHENG, MENG, CN
 [71] LIN, SHUGUANG, CN
 [22] 2018-03-23
 [41] 2018-09-24
 [30] CN (CN201710183354.8) 2017-03-24

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 [13] A1
 [51] Int.Cl. A42B 1/06 (2006.01) A41D 3/00 (2006.01) A41D 3/04 (2006.01) A41D 13/012 (2006.01)
 [25] EN
[54] PROTECTIVE HOOD WITH IMPROVED VISION FOR WATERPROOF MARINE GARMENTS
[54] CAPUCHON PROTECTEUR A VISON AMELIOREE DESTINE A DES VETEMENTS MARINS IMPERMEABLES
 [72] HUSSEY, THOMAS KENNETH, AU
 [72] MILCZARCZYK, BARTOSZ, AU
 [71] ZHIK PTY LTD, AU
 [22] 2018-03-22
 [41] 2018-09-24
 [30] AU (2017901058) 2017-03-24
 [30] AU (2017902958) 2017-07-27
 [30] US (15/923,440) 2018-03-16

[21] **2,999,086**
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 [51] Int.Cl. A41D 13/012 (2006.01) A41D 3/06 (2006.01) A42B 1/18 (2006.01) B63C 11/04 (2006.01)
 [25] EN
[54] INTERCHANGEABLE HEADWEAR SYSTEM FOR WATERPROOF MARINE GARMENTS
[54] SYSTEME DE COIFFURES INTERCHANGEABLES DESTINE AUX VETEMENTS MARINS IMPERMEABLES
 [72] HUSSEY, THOMAS KENNETH, AU
 [72] MILCZARCZYK, BARTOSZ, AU
 [71] ZHIK PTY LTD, AU
 [22] 2018-03-22
 [41] 2018-09-23
 [30] AU (2017901036) 2017-03-23
 [30] US (15/923,411) 2018-03-16

[21] **2,999,095**
 [13] A1
 [51] Int.Cl. G01S 5/04 (2006.01) H04W 64/00 (2009.01) H04W 84/10 (2009.01) H01Q 3/00 (2006.01) H01Q 9/04 (2006.01)
 [25] EN
[54] SYSTEM AND METHOD FOR DETERMINING LOCATION INFORMATION FOR A MOBILE RADIO TRANSMITTER
[54] SYSTEME ET METHODE DE DETERMINATION D'INFORMATION D'EMPLACEMENT DESTINES A UN EMETTEUR RADIO MOBILE
 [72] KNOBLAUCH, THOMAS, CH
 [71] LEGIC IDENTSYSTEMS AG, CH
 [22] 2018-03-22
 [41] 2018-09-23
 [30] CH (00381/17) 2017-03-23

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 [13] A1
 [51] Int.Cl. A45F 5/00 (2006.01) A63C 3/00 (2006.01)
 [25] EN
[54] SKATE CARRIER
[54] PORTE-PATINS
 [72] KOSCIELNUK, LORNE, CA
 [71] KOSCIELNUK, LORNE, CA
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 [41] 2018-09-24
 [30] US (62/476,466) 2017-03-24

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<p style="text-align: right; margin-top: -10px;">[21] 2,999,120</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B25B 27/02 (2006.01) B23P 19/02 (2006.01)</p> <p>[25] EN</p> <p>[54] VALVE SEAT EXTRACTION DEVICE</p> <p>[54] APPAREIL D'EXTRACTION DE SIEGE DE VALVE</p> <p>[72] RASMUSSEN, ERIK, US</p> <p>[71] RASMUSSEN, ERIK, US</p> <p>[22] 2018-03-22</p> <p>[41] 2018-09-28</p> <p>[30] US (62/477,604) 2017-03-28</p> <p>[30] US (15/904,996) 2018-02-26</p>	<p style="text-align: right; margin-top: -10px;">[21] 2,999,135</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A24F 1/00 (2006.01)</p> <p>[25] EN</p> <p>[54] SMOKING DEVICE</p> <p>[54] APPAREIL DE FUMAGE</p> <p>[72] CAPPELUCCI, DAVID, US</p> <p>[72] DANNER, IAN, US</p> <p>[71] CAPPELUCCI, DAVID, US</p> <p>[71] DANNER, IAN, US</p> <p>[22] 2018-03-23</p> <p>[41] 2018-09-24</p> <p>[30] US (62/475928) 2017-03-24</p>	<p style="text-align: right; margin-top: -10px;">[21] 2,999,175</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. H04W 4/021 (2018.01) G09F 7/00 (2006.01)</p> <p>[25] EN</p> <p>[54] IN-STORE FIXTURE OR SIGNAGE WITH LOCATION BASED INTELLIGENCE</p> <p>[54] APPAREIL OU ENSEIGNE EN MAGASIN DOTE DE CAPACITES INTELLIGENTES FONDEES SUR L'EMPLACEMENT</p> <p>[72] ABDELGALIL, HANI, CA</p> <p>[72] MURRAY, ROBERT M., CA</p> <p>[72] KISIEL, RYSZARD W., CA</p> <p>[71] MCRAE IMAGING, CA</p> <p>[22] 2018-03-27</p> <p>[41] 2018-09-28</p> <p>[30] US (62/477,785) 2017-03-28</p>
<p style="text-align: right; margin-top: -10px;">[21] 2,999,125</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. F16L 23/16 (2006.01) F16J 15/12 (2006.01) F16L 23/036 (2006.01) F16L 23/14 (2006.01) F24F 13/02 (2006.01)</p> <p>[25] EN</p> <p>[54] SEALED DRIVE SLIP</p> <p>[54] JOINT ENCLENCHÉ SCELLE</p> <p>[72] MARR, JASON E., US</p> <p>[71] DUCTMATE INDUSTRIES, INC., US</p> <p>[22] 2018-03-23</p> <p>[41] 2018-09-24</p> <p>[30] US (62/476294) 2017-03-24</p> <p>[30] US (15/927757) 2018-03-21</p>	<p style="text-align: right; margin-top: -10px;">[21] 2,999,159</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C02F 1/56 (2006.01) C02F 1/52 (2006.01)</p> <p>[25] EN</p> <p>[54] TREATMENT OF MATURE FINE TAILINGS IN PRODUCED WATER BY FLOCCULATION AND DEWATERING</p> <p>[54] TRAITEMENT DE RESIDUS FINS MATURES DANS L'EAU PRODUITE PAR FLOCULATION ET DESHYDRATATION</p> <p>[72] TOMLA, CHRISTABEL, US</p> <p>[72] KUZNETSOV, OLEKSANDR V., US</p> <p>[72] SURESH, RADHIKA, US</p> <p>[72] SILVEIRA, SCOTT J., US</p> <p>[71] BAKER HUGHES, A GE COMPANY, LLC, US</p> <p>[22] 2018-03-23</p> <p>[41] 2018-09-23</p> <p>[30] US (62/475659) 2017-03-23</p>	<p style="text-align: right; margin-top: -10px;">[21] 2,999,238</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65D 51/16 (2006.01)</p> <p>[25] EN</p> <p>[54] FOOD JAR</p> <p>[54] JARRE A ALIMENTS</p> <p>[72] LANE, MARVIN, US</p> <p>[71] THERMOS L.L.C., US</p> <p>[22] 2018-03-26</p> <p>[41] 2018-09-27</p> <p>[30] US (62/477,300) 2017-03-27</p> <p>[30] US (62/581,350) 2017-11-03</p>
<p style="text-align: right; margin-top: -10px;">[21] 2,999,126</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01)</p> <p>[25] EN</p> <p>[54] CATHETER WITH DEFORMABLE DISTAL ELECTRODE</p> <p>[54] CATHETER DOTE D'UNE ELECTRODE DISTALE DEFORMABLE</p> <p>[72] BASU, SHUBHAYU, US</p> <p>[72] SOLIS, MARIO A., US</p> <p>[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL</p> <p>[22] 2018-03-23</p> <p>[41] 2018-09-24</p> <p>[30] US (15/469,252) 2017-03-24</p>	<p style="text-align: right; margin-top: -10px;">[21] 2,999,165</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. C10M 163/00 (2006.01) C10M 137/10 (2006.01) C10M 159/12 (2006.01) C10M 159/20 (2006.01)</p> <p>[25] EN</p> <p>[54] MARINE ENGINE LUBRICATION</p> <p>[54] LUBRIFICATION DE MOTEUR MARIN</p> <p>[72] MARSH, ADAM PAUL, GB</p> <p>[72] HUGHES, JONATHAN MARK, GB</p> <p>[71] INFINEUM INTERNATIONAL LIMITED, GB</p> <p>[22] 2018-03-23</p> <p>[41] 2018-09-24</p> <p>[30] EP (17162837.3) 2017-03-24</p>	<p style="text-align: right; margin-top: -10px;">[21] 2,999,296</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. B65D 1/40 (2006.01) B65D 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] PRESSURE REDUCTION- ABSORBING BOTTLE</p> <p>[54] BOUTEILLE ABSORBAnte A REDUCTION DE PRESSION</p> <p>[72] USAMI, TETSURO, JP</p> <p>[72] ASAOKA, SEIICHI, JP</p> <p>[72] HARUNA, TAKAHIRO, JP</p> <p>[71] YOSHINO KOGYOSHO CO., LTD., JP</p> <p>[22] 2018-03-26</p> <p>[41] 2018-09-27</p> <p>[30] JP (2017-060398) 2017-03-27</p> <p>[30] JP (2017-060399) 2017-03-27</p>

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[51] Int.Cl. B01D 53/92 (2006.01)

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[54] CATALYST SUBSTRATE MOUNTING MAT

[54] MAT D'INSTALLATION DE SUBSTRAT DE CATALYSEUR

[72] CHENOWETH, KURT, US

[71] CATERPILLAR INC., US

[22] 2018-03-23

[41] 2018-09-29

[30] US (15/472899) 2017-03-29

[21] **2,999,310**
 [13] A1

[51] Int.Cl. A47C 7/14 (2006.01) A47C 3/025 (2006.01)

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[54] CHAIR SUPPORTED BY BELLOWS WITH MOTION CONTROL

[54] CHAISE SOUTENUE PAR DES SOUFFLETS A COMMANDE DE MOUVEMENT

[72] TOLAND, JAMIE, US

[72] GREGORY, JOHN, US

[72] FLETCHER, SCOTT LLOYD, US

[71] VIRCO MFG. CORPORATION, US

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[30] US (62/477,348) 2017-03-27

[21] **2,999,312**
 [13] A1

[51] Int.Cl. A47C 9/00 (2006.01) A47C 3/18 (2006.01) A47C 3/24 (2006.01) A63B 23/00 (2006.01) A63B 23/02 (2006.01) A63B 69/00 (2006.01)

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[54] THERAPY STOOL HAVING AN ADJUSTABLE HEIGHT AND A TILT TABLE SEAT

[54] BANC THERAPEUTIQUE A HAUTEUR AJUSTABLE ET SIEGE INCLINABLE

[72] GREGORY, JOHN, US

[72] TOLAND, JAMIE, US

[71] VIRCO MFG. CORPORATION, US

[22] 2018-03-26

[41] 2018-09-27

[30] US (62/477,345) 2017-03-27

[21] **2,999,316**
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[51] Int.Cl. A47C 3/02 (2006.01) A47C 3/029 (2006.01) A47C 3/16 (2006.01)

[25] EN

[54] LOW PROFILE ROCKING CHAIR

[54] CHAISE BERCANTE A PROFIL BAS

[72] FLETCHER, SCOTT LLOYD, US

[72] HUI, MAN F., US

[72] GLASS, PETER, US

[72] MILLS, ROBERT, US

[72] VIRTUE, DOUGLAS A., US

[72] RODRIGUEZ, SERGIO, US

[71] VIRCO MFG. CORPORATION, US

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[30] US (62/477,368) 2017-03-27

[30] US (62/503,731) 2017-05-09

[21] **2,999,317**
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[51] Int.Cl. B66C 13/40 (2006.01) B66C 13/12 (2006.01) E02F 9/22 (2006.01) F15B 13/02 (2006.01) F15B 13/08 (2006.01) F15B 21/00 (2006.01)

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[54] HYDRAULIC SUPPLY SYSTEMS

[54] SYSTEME D'APPROVISIONNEMENT HYDRAULIQUE

[72] ELLIOTT, KEVIN M., US

[71] COACH TRUCK & TRACTOR LLC, US

[22] 2018-03-26

[41] 2018-09-29

[30] US (62/478,170) 2017-03-29

[30] US (62/608,937) 2017-12-21

[21] **2,999,318**
 [13] A1

[51] Int.Cl. H02J 4/00 (2006.01) G05F 1/10 (2006.01) H02H 7/00 (2006.01)

[25] EN

[54] POWER SUPPLY APPARATUS WITH SOFT-START AND PROTECTION

[54] APPAREIL D'ALIMENTATION ELECTRIQUE DOTE D'UN DEMARRAGE EN DOUCEUR ET DE PROTECTION

[72] KAO, HAN-JUNG, CN

[71] HAN-WIN TECHNOLOGY CO., LTD., CN

[71] KAO, HAN-JUNG, CN

[22] 2018-03-26

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[30] TW (106204431) 2017-03-29

[30] TW (106206915) 2017-05-15

[21] **2,999,322**
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[51] Int.Cl. G99Z 99/00 (2006.01) G21G 7/00 (2009.01) B82Y 30/00 (2011.01)

[25] EN

[54] SYNTHETIC ATOMIC FUEL AND A METHOD OF PRODUCING SAME

[54] COMBUSTIBLE ATOMIQUE SYNTETIQUE ET METHODE DE PRODUCTION ASSOCIEE

[72] LESKOSEK, JAMES ANDREW, CA

[71] LESKOSEK, JAMES ANDREW, CA

[22] 2018-03-26

[41] 2018-09-24

[30] US (62/476,303) 2017-03-24

[21] **2,999,325**
 [13] A1

[51] Int.Cl. G06Q 40/00 (2012.01) G06Q 40/02 (2012.01)

[25] EN

[54] SYSTEMS AND METHODS FOR MONITORING AND TRANSFERRING FINANCIAL CAPITAL

[54] SYSTEMES ET METHODES DE SURVEILLANCE ET DE TRANSFERT DE CAPITAL FINANCIER

[72] RADIOTIS, CONSTANTINE, CA

[72] GERARDI, SCOTT, US

[72] WALLIS, GREG, CA

[72] STERNS, SARAH, CA

[72] FOSTER, RYAN, CA

[71] 9160-4181 QUEBEC INC., DBA: NCR FINANCIAL SERVICES, CA

[22] 2018-03-26

[41] 2018-09-27

[30] US (62/477,281) 2017-03-27

[21] **2,999,350**
 [13] A1

[51] Int.Cl. H02B 1/30 (2006.01) H02B 3/04 (2006.01) H02P 27/06 (2006.01)

[25] EN

[54] MODULAR CONFIGURABLE ADJUSTABLE-SPEED DRIVE

[54] ENTRAINEMENT A VITESSE VARIABLE CONFIGURABLE ET MODULAIRE

[72] COLLETTE, MICHAEL, US

[72] KELLEY, JOHN T., US

[72] MARTINEZ, ENRIQUE, US

[71] TOSHIBA INTERNATIONAL CORPORATION, US

[22] 2018-03-23

[41] 2018-09-23

[30] US (15/467,693) 2017-03-23

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<p style="text-align: right;">[21] 2,999,352 [13] A1</p> <p>[51] Int.Cl. F16F 15/02 (2006.01) B06B 1/04 (2006.01) B64C 27/00 (2006.01) F16F 15/131 (2006.01)</p> <p>[25] FR</p> <p>[54] DYNAMIC STRESS GENERATORS INCLUDING AT LEAST TWO BALLASTS AND ACTUATOR INCLUDING SUCH GENERATORS</p> <p>[54] GENERATEUR D'EFFORTS DYNAMIQUES COMPRENANT AU MOINS DEUX BALOURDS ET ACTIONNEUR COMPRENANT DE TELS GENERATEURS</p> <p>[72] SIX, MARC-FRANCOIS, FR</p> <p>[72] TAVIN, GERARD, FR</p> <p>[71] HUTCHINSON, FR</p> <p>[22] 2018-03-23</p> <p>[41] 2018-09-28</p> <p>[30] FR (1752598) 2017-03-28</p> <hr/> <p style="text-align: right;">[21] 2,999,354 [13] A1</p> <p>[51] Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01) F02N 11/12 (2006.01)</p> <p>[25] EN</p> <p>[54] DEVICE CAPABLE OF ACHIEVING FAST CHARGE AND FAST DISCHARGE OF A VEHICLE EMERGENCY STARTING POWER SOURCE</p> <p>[54] DISPOSITIF CAPABLE DE REALISER UNE CHARGE RAPIDE ET UNE DECHARGE RAPIDE D'UNE SOURCE D'ALIMENTATION DE DEMARRAGE D'URGENCE DE VEHICULE</p> <p>[72] JIARONG, LIN, CN</p> <p>[71] USA HUANEN INTERNATIONAL GROUP LLC, US</p> <p>[22] 2018-03-26</p> <p>[41] 2018-09-27</p> <p>[30] CN (201710188320.8) 2017-03-27</p>	<p style="text-align: right;">[21] 2,999,357 [13] A1</p> <p>[51] Int.Cl. A01G 9/12 (2006.01) A01G 17/14 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM AND METHODS FOR DIRECTING PLANT GROWTH</p> <p>[54] SYSTEME ET METHODE D'ORIENTATION DE CROISSANCE DE VEGETAUX</p> <p>[72] GILLEY, IAN, US</p> <p>[71] GILLEY, IAN, US</p> <p>[22] 2018-03-26</p> <p>[41] 2018-09-24</p> <p>[30] US (15/927,687) 2018-03-21</p> <p>[30] US (62/476,482) 2017-03-24</p> <hr/> <p style="text-align: right;">[21] 2,999,359 [13] A1</p> <p>[51] Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01)</p> <p>[25] EN</p> <p>[54] CATHETER WITH IMPROVED LOOP CONTRACTION AND GREATER CONTRACTION DISPLACEMENT</p> <p>[54] CATHETER A CONTRACTION DE BOUCLE AMELIOREE ET DEPLACEMENT DE CONTRACTION SUPERIEUR</p> <p>[72] PADILLA, RICARDO, US</p> <p>[72] PADILLA, HOMERO, US</p> <p>[72] BUI, JULIE, US</p> <p>[72] SOLIS, MARIO, US</p> <p>[72] SELKEE, THOMAS, US</p> <p>[72] JIMENEZ, JOSE, US</p> <p>[72] DATTA, KESHAVA, US</p> <p>[72] SALAZAR, FERNANDO, US</p> <p>[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL</p> <p>[22] 2018-03-26</p> <p>[41] 2018-09-27</p> <p>[30] US (15/470,291) 2017-03-27</p>	<p style="text-align: right;">[21] 2,999,361 [13] A1</p> <p>[51] Int.Cl. A61M 25/01 (2006.01) A61B 34/20 (2016.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/095 (2006.01)</p> <p>[25] EN</p> <p>[54] SENSOR FOR FACILITATING CATHETER VISUALIZATION</p> <p>[54] CAPTEUR FACILITANT LA VISUALISATION DE CATHETER</p> <p>[72] OSADCHY, DANIEL, IL</p> <p>[72] FELDMAN, KONSTANTIN, IL</p> <p>[72] PRESSMAN, ASSAF, IL</p> <p>[72] COHEN, SHMUEL, IL</p> <p>[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL</p> <p>[22] 2018-03-26</p> <p>[41] 2018-09-27</p> <p>[30] US (15/469,895) 2017-03-27</p> <hr/> <p style="text-align: right;">[21] 2,999,418 [13] A1</p> <p>[51] Int.Cl. H01Q 1/44 (2006.01) H01Q 1/38 (2006.01) H01Q 1/42 (2006.01) H01Q 9/04 (2006.01) H01Q 21/12 (2006.01)</p> <p>[25] EN</p> <p>[54] CONCEALED ANTENNA NODE</p> <p>[54] NOEUD D'ANTENNE CACHE</p> <p>[72] MING, CAO, IE</p> <p>[72] SVARC, MICHAL, IE</p> <p>[72] LAWLOR, FERGAL, IE</p> <p>[71] ALPHA WIRELESS LIMITED, IE</p> <p>[22] 2018-03-27</p> <p>[41] 2018-09-27</p> <p>[30] GB (1704854.7) 2017-03-27</p>
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<p style="text-align: right;">[21] 2,999,426 [13] A1</p> <p>[51] Int.Cl. A61L 27/30 (2006.01) A61L 27/40 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01) A61L 31/08 (2006.01)</p> <p>[25] EN</p> <p>[54] ORTHOPEDIC IMPLANT HAVING A CRYSTALLINE GALLIUM-CONTAINING HYDROXYAPATITE COATING AND METHODS FOR MAKING THE SAME</p> <p>[54] IMPLANT ORTHOPEDIQUE COMPORTANT UN REVETEMENT HYDROXYPATITE RENFERMANT DU GALLIUM CRISTALLIN ET METHODES DE FABRICATION ASSOCIEES</p> <p>[72] KASINATH, RAJENDRA, US [72] ERNSBERGER, CRAIG, US [72] VASS, STEPHANIE, US [72] GINN, STEVEN N., US [72] QU, HAIBO, US [72] TONG, WEIDONG, US [71] DEPUY SYNTHES PRODUCTS, INC., US [22] 2018-03-27 [41] 2018-09-28 [30] US (15/472,186) 2017-03-28</p>	<p style="text-align: right;">[21] 2,999,452 [13] A1</p> <p>[51] Int.Cl. A42B 3/10 (2006.01) A42B 3/04 (2006.01)</p> <p>[25] EN</p> <p>[54] SAFETY HELMET WITH ROTARY IMPACT BUFFERING FUNCTION</p> <p>[54] CASQUE DE SECURITE A FONCTION D'AMORTISSEMENT D'IMPACT A ROTATION</p> <p>[72] GU, ZHENGHUI, CN [71] GU, ZHENGHUI, CN [22] 2018-03-27 [41] 2018-09-27 [30] CN (201720306130.7) 2017-03-27 [30] CN (201720409239.3) 2017-04-18 [30] CN (201710693725.7) 2017-08-14 [30] CN (201810210306.8) 2018-03-14</p>	<p style="text-align: right;">[21] 2,999,479 [13] A1</p> <p>[51] Int.Cl. A61M 25/00 (2006.01) A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61L 29/02 (2006.01) A61L 29/14 (2006.01) A61M 25/14 (2006.01)</p> <p>[25] EN</p> <p>[54] CATHETER WITH FLOATING CURVATURE</p> <p>[54] CATHETER A COURBE FLOTTANTE</p> <p>[72] BAZILIAN, LEONID, US [71] BIOSENSE WEBSTER (ISRAEL) LTD., IL [22] 2018-03-27 [41] 2018-09-28 [30] US (15/471,960) 2017-03-28</p>
<p style="text-align: right;">[21] 2,999,441 [13] A1</p> <p>[51] Int.Cl. A62C 33/00 (2006.01) F16L 35/00 (2006.01) F16L 55/07 (2006.01)</p> <p>[25] EN</p> <p>[54] FIRE HOSE COUPLINGS AND ADAPTERS</p> <p>[54] ADAPTATEURS ET RACCORDS DE TUYAU D'INCENDIE</p> <p>[72] ELIOT, SCOTT TAYLOR, US [71] ELIOT, SCOTT TAYLOR, US [22] 2018-03-27 [41] 2018-09-28 [30] US (62/477676) 2017-03-28 [30] US (15/923322) 2018-03-16</p>	<p style="text-align: right;">[21] 2,999,462 [13] A1</p> <p>[51] Int.Cl. H05K 7/02 (2006.01) H02G 3/04 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEM FOR MOUNTING SENSORS</p> <p>[54] SYSTEME D'INSTALLATION DE CAPTEURS</p> <p>[72] KOZDRAS, RICHARD, CA [71] KOZDRAS, RICHARD, CA [22] 2018-03-27 [41] 2018-09-27 [30] US (62/476,946) 2017-03-27 [30] US (62/487,141) 2017-04-19 [30] US (62/488,950) 2017-04-24 [30] US (62/504,190) 2017-05-10 [30] US (62/522,286) 2017-06-20 [30] US (62/525,333) 2017-06-27</p>	<p style="text-align: right;">[21] 2,999,518 [13] A1</p> <p>[51] Int.Cl. A63G 31/00 (2006.01)</p> <p>[25] EN</p> <p>[54] AN ATTRACTION FOR AN ADVENTURE PARK OR FOR ENTERTAINMENT</p> <p>[54] UNE ATTRACTION DESTINEE A UN PARC D'AVENTURES OU AU DIVERTISSEMENT</p> <p>[72] LAIDLAW, ANDREW WILLIAM, AU [72] ALDERSEY, RICHARD JUSTIN BOYD, AU [71] URBAN FRINGE ENTERTAINMENT PTY LTD, AU [22] 2018-03-28 [41] 2018-09-29 [30] AU (2017901122) 2017-03-29</p>
<p style="text-align: right;">[21] 2,999,474 [13] A1</p> <p>[51] Int.Cl. A61B 17/24 (2006.01) A61B 34/20 (2016.01)</p> <p>[25] EN</p> <p>[54] MEDICAL DEVICE HAVING A REUSABLE POSITION SENSOR</p> <p>[54] DISPOSITIF MEDICAL COMPORANT UN CAPTEUR DE POSITION REUTILISABLE</p> <p>[72] ALGAWI, YEHUDA, IL [72] GOVARI, ASSAF, IL [72] SITNITSKY, ILYA, IL [71] BIOSENSE WEBSTER (ISRAEL) LTD., IL [22] 2018-03-27 [41] 2018-09-28 [30] US (15/471,766) 2017-03-28</p>	<p style="text-align: right;">[21] 2,999,520 [13] A1</p> <p>[51] Int.Cl. B60C 27/00 (2006.01) B60B 39/00 (2006.01)</p> <p>[25] EN</p> <p>[54] VEHICLE TRACTION MAT</p> <p>[54] TAPIS DE TRACTION POUR VEHICULE</p> <p>[72] JOYCE, MICHAEL, CA [71] JOYCE, MICHAEL, CA [22] 2018-03-28 [41] 2018-09-28 [30] US (62/477,794) 2017-03-28</p>	

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[21] 2,999,528	[21] 2,999,543	[21] 2,999,552
<p>[13] A1</p> <p>[51] Int.Cl. B63H 20/00 (2006.01) B63B 49/00 (2006.01) B63H 21/17 (2006.01) B63H 21/36 (2006.01) G01S 7/521 (2006.01)</p> <p>[25] EN</p> <p>[54] CONNECTION AND FEATURES FOR INTERCHANGEABLE NOSECONE FOR A TROLLING MOTOR</p> <p>[54] CONNEXION ET FONCTIONNALITES DE COIFFE INTERCHANGEABLE DESTINEE A UN PROPULSEUR ELECTRIQUE</p> <p>[72] BURTON, AARON J., US</p> <p>[72] LASTER, MATTHEW, US</p> <p>[72] CLARK, JEREMIAH, US</p> <p>[72] CRAWFORD, CHRISTOPHER DEAN, US</p> <p>[72] BAILEY, PAUL ROBERT, US</p> <p>[71] NAVICO HOLDING AS, NO</p> <p>[22] 2018-03-28</p> <p>[41] 2018-09-28</p> <p>[30] US (62/477773) 2017-03-28</p> <p>[30] US (62/492472) 2017-05-01</p> <p>[30] US (15/834464) 2017-12-07</p>	<p>[13] A1</p> <p>[51] Int.Cl. B60W 20/00 (2016.01) B60W 10/06 (2006.01) B60W 10/26 (2006.01) F01N 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] EXHAUST GAS CONTROL SYSTEM AND EXHAUST GAS CONTROL METHOD FOR HYBRID VEHICLE</p> <p>[54] SYSTEME DE CONTROLE DE GAZ D'ECHAPPEMENT ET METHODE DE CONTROLE DE GAZ D'ECHAPPEMENT D'UN VEHICULE HYBRIDE</p> <p>[72] FUKUDA, KOICHIRO, JP</p> <p>[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP</p> <p>[22] 2018-03-28</p> <p>[41] 2018-09-29</p> <p>[30] JP (2017-065558) 2017-03-29</p>	<p>[13] A1</p> <p>[51] Int.Cl. A61L 27/30 (2006.01) A61L 27/40 (2006.01) A61L 27/54 (2006.01) A61L 27/58 (2006.01) A61L 31/08 (2006.01)</p> <p>[25] EN</p> <p>[54] ORTHOPEDIC IMPLANT HAVING A CRYSTALLINE CALCIUM PHOSPHATE COATING AND METHODS FOR MAKING THE SAME</p> <p>[54] IMPLANT ORTHOPEDIQUE COMPORANT UN REVETEMENT DE PHOSPHATE DE CALCIUM CRISTALLIN ET METHODES DE FABRICATION ASSOCIEES</p> <p>[72] KASINATH, RAJENDRA, US</p> <p>[72] ERNSBERGER, CRAIG, US</p> <p>[72] VASS, STEPHANIE, US</p> <p>[72] GINN, STEVEN N., US</p> <p>[72] QU, HAIBO, US</p> <p>[72] TONG, WEIDONG, US</p> <p>[71] DEPUY SYNTHES PRODUCTS, INC., US</p> <p>[22] 2018-03-27</p> <p>[41] 2018-09-28</p> <p>[30] US (15/472,189) 2017-03-28</p>
[21] 2,999,533	[21] 2,999,544	[21] 2,999,557
<p>[13] A1</p> <p>[51] Int.Cl. B65D 30/20 (2006.01) B65D 30/02 (2006.01) B65D 30/10 (2006.01)</p> <p>[25] EN</p> <p>[54] EMBOSSED GUSSETED CONTAINER AND ROLL</p> <p>[54] CONTENANT EMBOSSÉ A GOUSSETS ET ROULEAU</p> <p>[72] CHIU, MANUEL, CA</p> <p>[72] NEWSOME, ROY ALLAN, US</p> <p>[71] HOOD PACKAGING CORPORATION, CA</p> <p>[22] 2018-03-27</p> <p>[41] 2018-09-27</p> <p>[30] US (62/477,171) 2017-03-27</p>	<p>[13] A1</p> <p>[51] Int.Cl. F25J 1/02 (2006.01) F25B 1/10 (2006.01) F25B 31/00 (2006.01)</p> <p>[25] EN</p> <p>[54] PARALLEL COMPRESSION IN LNG PLANTS USING A DOUBLE FLOW COMPRESSOR</p> <p>[54] COMPRESSION PARALLELE DANS LES USINES DE GNL AU MOYEN D'UN COMPRESSEUR A DOUBLE FLUX</p> <p>[72] WEHRMAN, JOSEPH GERARD, US</p> <p>[72] KRISHNAMURTHY, GOWRI, US</p> <p>[72] ROBERTS, MARK JULIAN, US</p> <p>[71] AIR PRODUCTS AND CHEMICALS, INC., US</p> <p>[22] 2018-03-28</p> <p>[41] 2018-09-29</p> <p>[30] US (15/472,701) 2017-03-29</p>	<p>[13] A1</p> <p>[51] Int.Cl. E04C 3/29 (2006.01) E04B 1/18 (2006.01) E04C 3/02 (2006.01) E04C 3/12 (2006.01) E04C 3/36 (2006.01) E04C 5/16 (2006.01)</p> <p>[25] EN</p> <p>[54] WALL FRAMING SYSTEM</p> <p>[54] SYSTEME DE STRUCTURE DE MURS</p> <p>[72] VIENS, MAURICE, CA</p> <p>[71] BIFFCO FRAMING LIMITED, CA</p> <p>[22] 2018-03-27</p> <p>[41] 2018-09-27</p> <p>[30] US (62/477,225) 2017-03-27</p>

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<p style="text-align: right;">[21] 2,999,559 [13] A1</p> <p>[51] Int.Cl. H02G 3/04 (2006.01) [25] EN [54] UTILITY CONDUIT SYSTEM [54] SISTÈME DE CONDUIT DE SERVICE PUBLIC [72] LI, JIAN HUA, US [72] MORTUN, SORIN, US [72] CRETTELLA, JOSEPH, US [71] HUBBELL INCORPORATED, US [22] 2018-03-28 [41] 2018-09-29 [30] US (62/478,321) 2017-03-29</p>	<p style="text-align: right;">[21] 2,999,567 [13] A1</p> <p>[51] Int.Cl. A47B 96/06 (2006.01) F16B 7/22 (2006.01) [25] EN [54] SHELVING UNIT WITH CAPACITY INCREASING TIE MEMBERS [54] MODULE DE TABLETTE DOTE D'ELEMENTS DE FIXATION AUGMENTANT LA CAPACITE [72] LISS, MITCHELL, US [72] LAMBER, JEFF, US [72] WOJTOWICZ, DAVID J., US [72] BIANCHIN, MITCHELL E., US [72] TROYNER, ANTHONY J., US [72] FITZGERALD, SCOTT, US [71] EDSAL MANUFACTURING COMPANY, INC., US [22] 2018-03-28 [41] 2018-09-28 [30] US (62/610,210) 2017-12-24 [30] US (62/640,908) 2018-03-09 [30] US (62/477,723) 2017-03-28 [30] US (62/577,492) 2017-10-26</p>	<p style="text-align: right;">[21] 2,999,579 [13] A1</p> <p>[51] Int.Cl. A45F 5/02 (2006.01) A45F 5/00 (2006.01) [25] EN [54] BELT CLIP FOR POWER TOOL [54] PINCE DE CEINTURE DESTINEE A UN OUTIL ELECTRIQUE [72] WOODHAMS, TODD ERIC, US [72] XIONG, MO BO, CN [71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, CN [22] 2018-03-28 [41] 2018-09-29 [30] US (62/478,394) 2017-03-29 [30] US (62/581,106) 2017-11-03</p>
<p style="text-align: right;">[21] 2,999,566 [13] A1</p> <p>[51] Int.Cl. G06Q 10/06 (2012.01) G06Q 50/32 (2012.01) H04W 4/50 (2018.01) H04L 12/24 (2006.01) [25] EN [54] METHOD AND SYSTEM FOR MANAGING A SERICE PROVIDER INFRASTRUCTURE [54] METHODE ET SYSTEME DE GESTION D'UNE INFRASTRUCTURE DE FOURNISSEUR DE SERVICE [72] LODEIRO, LUCAS, UY [72] LOPEZ PAREJA, EZEQUIEL, UY [72] SCAPUSIO, GASTON, UY [71] INTRAWAY R&D S.A., UY [22] 2018-03-28 [41] 2018-09-28 [30] US (62/478,016) 2017-03-28</p>	<p style="text-align: right;">[21] 2,999,574 [13] A1</p> <p>[51] Int.Cl. H04L 12/24 (2006.01) H04L 29/06 (2006.01) [25] EN [54] METHOD AND SYSTEM FOR SELF-PROVISIONING OF CABLE MODEMS AND MULTIMEDIA TERMINAL ADAPTERS [54] METHODE ET SYSTEME D'AUTO-APPROVISIONNEMENT DE MODEM CABLE ET ADAPTATEUR DE TERMINAL MULTIMEDIA [72] RZEZAK, LEANDRO, UY [72] CLARO, MARTIN, UY [71] INTRAWAY R&D S.A., UY [22] 2018-03-28 [41] 2018-09-28 [30] US (62/477,704) 2017-03-28</p>	<p style="text-align: right;">[21] 2,999,581 [13] A1</p> <p>[51] Int.Cl. G06F 17/20 (2006.01) G06F 17/30 (2006.01) [25] EN [54] SYSTEMS AND METHODS FOR COMPUTER ASSISTED DATABASE CHANGE DOCUMENTATION [54] SYSTEMES ET METHODE DE DOCUMENTATION DE MODIFICATION DE BASE DE donnees ASSISTEE PAR ORDINATEUR [72] AUSTIN, DANIEL BRYAN, US [72] SPICER, CHRIS, US [71] WALMART APOLLO, LLC, US [22] 2018-03-28 [41] 2018-09-28 [30] US (62/477,504) 2017-03-28</p>
		<p style="text-align: right;">[21] 2,999,585 [13] A1</p> <p>[51] Int.Cl. A61K 8/02 (2006.01) A47K 10/16 (2006.01) A61Q 19/00 (2006.01) [25] EN [54] FIBROUS STRUCTURES COMPRISING SENSATES [54] STRUCTURES FIBREUSES RENFERMANT DES AGENTS SENSORIELS [72] SAKAAN ZAYID, LATISHA EVETTE, US [72] SREEKRISHNA, KOTI TATACHAR, US [71] THE PROCTER & GAMBLE COMPANY, US [22] 2018-03-28 [41] 2018-09-29 [30] US (62/478,110) 2017-03-29</p>

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<p>[21] 2,999,668 [13] A1</p> <p>[51] Int.Cl. C02F 3/30 (2006.01) C02F 3/00 (2006.01) C02F 3/08 (2006.01) C02F 3/10 (2006.01) [25] EN [54] A CONTAINER-TYPE APPARATUS WITH A SUSPENDED PARTICLE SYSTEM FOR WASTEWATER TREATMENT [54] UN APPAREILLAGE DE TYPE CONTENANT DOTE D'UN SYSTEME DE PARTICULES SUSPENDUES EN VUE DU TRAITEMENT DES EAUX USEES [72] ZHU, JINGXU, CA [72] LI, HAIBIN, CN [72] WANG, XIAOBO, CN [72] LIU, ANQI, CN [72] ZHAO, ZENGLI, CN [72] LI, MING, CN [72] SHAO, YUANYUAN, CA [72] NAKHLA, GEORGE, CA [71] WESDON-TIENDA ENVIRONMENTAL SCIENCES CO. LTD., CN [22] 2018-03-29 [41] 2018-09-29 [30] CN (201710197463.5) 2017-03-29 [30] CN (201710199430.4) 2017-03-29</p>
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<p style="text-align: right;">[21] 3,000,115 [13] A1</p> <p>[51] Int.Cl. C22C 21/00 (2006.01) C22F 1/04 (2006.01)</p> <p>[25] EN</p> <p>[54] TITANIUM-COBALT ALLOY AND ASSOCIATED THIXOFORMING METHOD</p> <p>[54] ALLIAGE TITANE-COBALT ET METHODE DE THIXOFORMAGE ASSOCIEE</p> <p>[72] CARAM, RUBENS, JR., US</p> <p>[72] CAMPO, KAIQ NIITSU, US</p> <p>[72] DE FREITAS, CAIO CHAUSSE, US</p> <p>[72] PARRISH, CATHERINE J., US</p> <p>[71] THE BOEING COMPANY, US</p> <p>[71] UNIVERSIDADE ESTADUAL DE CAMPINAS - UNICAMP, BR</p> <p>[22] 2018-03-29</p> <p>[41] 2018-09-29</p> <p>[30] US (15/473,078) 2017-03-29</p>	<p style="text-align: right;">[21] 3,002,448 [13] A1</p> <p>[51] Int.Cl. A47G 19/03 (2006.01) B65D 25/14 (2006.01)</p> <p>[25] EN</p> <p>[54] INSULATED PAPER CUPS AND LIDS AND TAKE-OUT CONTAINERS</p> <p>[54] GOBELETS EN PAPIER ET COUVERCLES ISOLES ET BARQUETTES</p> <p>[72] LEUNG, ALAN N., CA</p> <p>[71] LEUNG, ALAN N., CA</p> <p>[22] 2018-04-24</p> <p>[41] 2018-09-27</p>	<p style="text-align: right;">[21] 3,012,617 [13] A1</p> <p>[51] Int.Cl. C12N 5/10 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)</p> <p>[25] EN</p> <p>[54] SOYBEAN VARIETY 5PSGM88</p> <p>[54] VARIETE DE SOJA 5PSGM88</p> <p>[72] ALT, JESSIE LYNN, US</p> <p>[72] KALVIG, ANDREA BETH, US</p> <p>[71] PIONEER HI-BRED INTERNATIONAL, INC., US</p> <p>[22] 2018-07-27</p> <p>[41] 2018-09-27</p> <p>[30] US (15/979,748) 2018-05-15</p>
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- [72] CHAVANA, ERNEST MATTHEW;
JR., US
- [72] FOSTER, RICHARD, US
- [72] ANDERSON, STANLEY, US
- [72] TERPSTRA, CHRISTOPHER, US
- [72] VALENTIC, JAN, US
- [72] MA, XINTAO, CN
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- [54] SYSTEME D'ALLUMEUR A OUTIL
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- [72] SULLIVAN, SHELBY L., US
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- [72] DAVIS, ROBERT E., US
- [72] HARDESTY, JOHN T., US
- [71] GEODYNAMICS, INC., US
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- [72] KRASHENINNIK, NADIA
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[72] GROSS, JEFFREY M., US
[72] DRUBETSKY, LEV, CA
[72] D'AGOSTINO, WILLIAM L., US
[72] HUNTER, WILLIAM L., CA
[71] ETHICON, LLC, US
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[54] MECANISME OSCILLATOIRE A CENTRIFUGATIONS CROISEES SIMULTANEES, MACHINE ET PROCEDE DE MISE EN OEUVRE
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[54] PROCEDE D'INJECTION DE PUissance ELECTRIQUE DANS UN RESEAU DE DISTRIBUTION ELECTRIQUE
[72] BROMBACH, JOHANNES, DE
[71] WOBKEN PROPERTIES GMBH, DE
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[54] APPAREIL DE RENFORCEMENT DES CHEVEUX
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[54] DALLE DE PLANCHER COMPRENANT UN MATERIAU TEXTILE ET SON PROCEDE DE FABRICATION
[72] JANG, WOON KYU, KR
[72] SONG, YOUNG DAE, KR
[72] KIM, SO YOUNG, KR
[71] NOX CORPORATION, KR
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[54] SYSTEME DE DISTRIBUTION ET DE STOCKAGE DE GAZ PORTABLE
[72] DUBE, BLAKE, US
[72] WILMER, CHRISTOPHER, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
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 [71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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 [54] DISPOSITIF DE VERROUILLAGE A MULTIPLES DISPOSITIFS D'AUTHENTIFICATION
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 [72] LOVETT, MATTHEW, US
 [71] SPECTRUM BRANDS, INC., US
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 [25] EN
 [54] CALCIUM BINDING PROTEIN, SPERMATID SPECIFIC 1, AS A BIOMARKER FOR DIAGNOSIS OR TREATMENT OF STRESS
 [54] PROTEINE DE LIAISON AU CALCIUM, SPECIFIQUE DU SPERMATIDE 1, COMME BIOMARQUEUR POUR DIAGNOSTIC OU TRAITEMENT DU STRESS
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 [72] ST-LAURENT, CHRIS, CA
 [72] ST-LAURENT, KATHERINE, CA
 [72] BEFUS, DEAN, CA
 [71] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
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 [30] US (62/308,655) 2016-03-15

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 [54] METHOD FOR PROVIDING AND ASSEMBLING SCAFFOLDING UNITS, EACH OF WHICH WILL BE ASSEMBLED FROM INDIVIDUAL SCAFFOLDING COMPONENTS FOR CONSTRUCTING AN INDUSTRIAL PLANT, IN PARTICULAR APETROLEUM REFINERY
 [54] PROCEDE PERMETTANT D'OBTENIR ET D'ASSEMBLER DES UNITES D'ECHAFAUDAGE, CHACUNE ETANT ASSEMBLEE A PARTIR D'ELEMENTS D'ECHAFAUDAGE INDIVIDUELS POUR CONSTRUIRE UN ETABLISSEMENT INDUSTRIEL, EN PARTICULIER UNE RAFFINERIE DE PETROLE
 [72] GRASSA, GIOVANNI, CA
 [72] SKELTON, ROD, CA
 [72] LAWRENCE, DAVE, CA
 [71] PERI GMBH, DE
 [85] 2018-09-13
 [86] 2017-02-23 (PCT/EP2017/054176)
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[54] PAROIS POUR LITS CATALYTIQUES DE REACTEURS A FLUX RADIAL OU AXIAL
[72] FILIPPI, ERMANNO, CH
[72] RIZZI, ENRICO, IT
[72] TAROZZO, MIRCO, CH
[71] CASALE SA, CH
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[30] EP (16160701.5) 2016-03-16

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[25] EN
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[54] DISPOSITIFS MICROFLUIDIQUES AYANT UN MICROCANALET A REVETEMENT HYDROPHILE
[72] SEYOUN, GHIRMAY, DE
[72] FRUTH, ANDREA, DE
[72] ENDERS, MICHAEL, DE
[71] EVONIK ROHM GMBH, DE
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[25] EN
[54] SYSTEM FOR UNLOCKING A LOCK OF A SPACE THAT NEEDS TO BE SECURED
[54] SYSTEME DE DEVERROUILLAGE D'UNE SERRURE D'UN ESPACE A VERRROUILLER
[72] KOTYRBA, GREGOR, DE
[72] SEIDEL, TIM, DE
[72] HULLER, MIRKO, DE
[71] KTS KOMMUNIKATIONSTECHNIK UND SYSTEME GMBH, DE
[71] BERTHOLD SICHERT GMBH, DE
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[51] Int.Cl. G06K 9/00 (2006.01) G06K 9/72 (2006.01)
[25] EN
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[54] IDENTIFICATION D'ETIQUETTES ET DE CHAMP SANS RECONNAISSANCE OPTIQUE DE CARACTERES (OCR)
[72] BECKER, RICHARD J., US
[72] RAMASWAMY, PALLAVIKA, US
[72] MOISE, DANIEL L., US
[72] PORCINA, SHELDON, CA
[71] INTUIT INC., US
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[30] US (15/219,957) 2016-07-26

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[54] COMPOSITION FOR STIMULATING SIRTUIN ACTIVITY
[54] COMPOSITION SERVANT A STIMULER L'ACTIVITE DE SIRTUINES
[72] BILSTEIN, ANDREAS, DE
[72] KRUTMANN, JEAN, DE
[72] UNFRIED, KLAUS, DE
[71] BITOP AG, DE
[85] 2018-09-13
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[30] DE (10 2016 104 470.9) 2016-03-11

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[25] EN
[54] METHOD AND SYSTEM FOR PROCESSING A TASK WITH ROBUSTNESS TO MISSING INPUT INFORMATION
[54] PROCEDE ET SYSTEME POUR TRAITER UNE TACHE AVEC ROBUSTESSE PAR RAPPORT A DES INFORMATIONS D'ENTREE MANQUANTES
[72] CHAPADOS, NICOLAS, CA
[72] GUIZARD, NICOLAS, CA
[72] HAVAEI, MOHAMMAD, CA
[72] BENGIO, YOSHUA, CA
[71] IMAGIA CYBERNETICS INC., CA
[85] 2018-09-13
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[30] US (62/309,682) 2016-03-17

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[13] A1

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[25] FR
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[54] FLUIDIC ROTOR HAVING ORIENTABLE BLADES WITH IMPROVED BLADE CONTROL
[72] CURUTCHET, ARNAUD, FR
[71] ADV TECH, FR
[85] 2018-09-13
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- [54] PROCEDE DE COLLECTE DE DIOXYDE DE CARBONE ET DISPOSITIF DE COLLECTE
- [72] NAITO, TOSHIYUKI, JP
- [71] IHI CORPORATION, JP
- [85] 2018-09-13
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- [87] (WO2017/163549)
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- [25] EN
- [54] IMMUNITY-INDUCING AGENT
- [54] AGENT INDUISANT L'IMMUNITÉ
- [72] FUJITA, TAKAYUKI, JP
- [72] OKANO, FUMIYOSHI, JP
- [71] TORAY INDUSTRIES, INC., JP
- [85] 2018-09-13
- [86] 2017-03-27 (PCT/JP2017/012334)
- [87] (WO2017/170365)
- [30] JP (2016-064034) 2016-03-28
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- [25] EN
- [54] PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PREVENTION OF CANCERS
- [54] COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT ET/OU LA PRÉVENTION DU CANCER
- [72] FUJITA, TAKAYUKI, JP
- [72] OKANO, FUMIYOSHI, JP
- [71] TORAY INDUSTRIES, INC., JP
- [85] 2018-09-13
- [86] 2017-03-27 (PCT/JP2017/012239)
- [87] (WO2017/170322)
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- [25] EN
- [54] METHOD FOR DETECTING AGGREGATE OF AGGREGATE-FORMING POLYPEPTIDE
- [54] PROCEDE DE DETECTION D'UN AGREGAT D'UN POLYPEPTIDE FORMANT UN AGREGAT
- [72] LEE, BYOUNG SUB, KR
- [72] LEE, KWAN SOO, KR
- [72] KIM, SHIN WON, KR
- [72] LIM, KUN TAEK, KR
- [72] KIM, GWANG JE, KR
- [72] YU, JI SUN, KR
- [71] PEOPLEBIO, INC., KR
- [85] 2018-09-13
- [86] 2017-03-16 (PCT/KR2017/002858)
- [87] (WO2017/160104)
- [30] KR (10-2016-0031534) 2016-03-16
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- [25] EN
- [54] SURGICAL DRAPE
- [54] CHAMP OPERATOIRE
- [72] CHUA, MARK SPENCER, US
- [72] SEEFELDT, MICHAEL, US
- [71] MEDLINE INDUSTRIES, INC., US
- [85] 2018-09-13
- [86] 2017-03-14 (PCT/US2017/022278)
- [87] (WO2017/160819)
- [30] US (15/069,380) 2016-03-14
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- [25] EN
- [54] METHODS AND SYSTEMS TO ESTIMATE RECALL WHILE SCREENING AN ORDERED LIST OF BIBLIOGRAPHIC REFERENCES
- [54] PROCEDES ET SYSTEMES POUR ESTIMER UN RAPPEL PENDANT LA SÉLECTION D'UNE LISTE ORDONNÉE DE REFERENCES BIBLIOGRAPHIQUES
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- [72] SHAH, RUCHIR, US
- [72] MAV, DEEPAK, US
- [72] MILLER, KYLE, US
- [71] SCIOME, LLC, US
- [85] 2018-09-13
- [86] 2017-03-14 (PCT/US2017/022301)
- [87] (WO2017/160837)
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 - [25] EN
 - [54] **METHOD AND COMPOSITION FOR TREATING INFLAMMATORY BOWEL DISEASE**
 - [54] **PROCEDE ET COMPOSITION DE TRAITEMENT DE LA MALADIE INFLAMMATOIRE CHRONIQUE DE L'INTESTIN**
 - [72] RAMER, MARC, US
 - [72] BADYLAK, STEPHEN F., US
 - [72] KEANE, TIMOTHY, US
 - [71] REGENTYS CORPORATION, US
 - [71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
 - [85] 2018-09-13
 - [86] 2017-03-14 (PCT/US2017/022363)
 - [87] (WO2017/160878)
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 - [25] EN
 - [54] **METHOD FOR IDENTIFYING CLINICAL TRIAL RESPONDERS FROM A PLACEBO GROUP IN MAJOR DEPRESSION**
 - [54] **PROCEDE D'IDENTIFICATION DE REPONDEURS D'ESSAI CLINIQUE DANS UN GROUPE PLACEBO EN DEPRESSION MAJEURE**
 - [72] FFRENCH-MULLEN, JARLATH, US
 - [72] LAI, ERIC, US
 - [71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
 - [85] 2018-09-13
 - [86] 2017-03-17 (PCT/US2017/022994)
 - [87] (WO2017/161289)
 - [30] US (62/310,280) 2016-03-18
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 - [25] EN
 - [54] **RELIABLE TIMESTAMP CREDENTIAL**
 - [54] **JUSTIFICATIF D'IDENTITE D'HORODATAGE FIABLE**
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 - [72] AABYE, CHRISTIAN, US
 - [71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
 - [85] 2018-09-13
 - [86] 2017-05-03 (PCT/US2017/030844)
 - [87] (WO2017/205018)
 - [30] US (15/165,675) 2016-05-26
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 - [25] EN
 - [54] **SYSTEM AND METHOD FOR GENERATING A THREE-DIMENSIONAL BODY**
 - [54] **DISPOSITIF ET PROCEDE POUR GENERER UN CORPS EN TROIS DIMENSIONS**
 - [72] STADLMANN, KLAUS, AT
 - [71] STADLMANN, KLAUS, AT
 - [85] 2018-09-14
 - [86] 2017-03-23 (PCT/AT2017/060073)
 - [87] (WO2017/161398)
 - [30] AT (A 50247/2016) 2016-03-25
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- [51] **Int.Cl. F03B 3/04 (2006.01) F03B 3/12 (2006.01)**
 - [25] EN
 - [54] **A ROTOR FOR AN ELECTRICITY GENERATOR**
 - [54] **ROTOR POUR UN GENERATEUR D'ÉLECTRICITÉ**
 - [72] MURDOCH, PETER JOHN, AU
 - [71] MAKO TURBINES PTY. LTD., AU
 - [85] 2018-09-14
 - [86] 2016-03-16 (PCT/AU2016/000091)
 - [87] (WO2016/145477)
 - [30] AU (2015900950) 2015-03-17
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 - [25] EN
 - [54] **RAIL SIGNAL ARRANGEMENT FOR A RAIL SIGNALLING SYSTEM**
 - [54] **ELEMENT STRUCTUREL AYANT UNE BANDE ET DES BRIDES APPARIÉES**
 - [72] THORNTON, ANDREW, AU
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 - [85] 2018-09-14
 - [86] 2017-03-09 (PCT/AU2017/050212)
 - [87] (WO2017/156573)
 - [30] AU (2016900952) 2016-03-15
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- [54] **MULTILAYER METAL COMPOSITE AND BRAKE PAD INCLUDING SAME**
- [54] **COMPOSITE MÉTALLIQUE MULTICOUCHE ET PLAQUETTE DE FREIN LE COMPRENANT**
- [72] ARBESMAN, RAY, CA
- [71] NUCAP INDUSTRIES INC., CA
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- [25] EN
- [54] CONTROLLING HEATING ELEMENTS IN A WIND TURBINE SYSTEM
- [54] COMMANDE D'ELEMENTS CHAUFFANTS DANS UN SYSTEME DE TURBINE EOLIENNE
- [72] BADGER, PAUL, GB
- [72] SPANDLEY, LUKE, GB
- [72] BUGGY, STEPHEN, GB
- [72] GREGORY, KARL, GB
- [71] VESTAS WIND SYSTEMS A/S, DK
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- [25] EN
- [54] METHOD FOR PRODUCING COMPONENTS FROM A DUPLEX STEEL, AND COMPONENTS PRODUCED USING SAID METHOD
- [54] PROCEDE DE FABRICATION DE COMPOSANTS A PARTIR D'UN RAYON DUPLEX ET COMPOSANTS FABRIQUES PAR L'EDIT PROCEDE
- [72] BOHM, ALEXANDER, DE
- [72] BRAUN, STEPHAN, DE
- [72] RAUNER, HOLGER, DE
- [72] SCHRAMM, BERND, DE
- [72] STEIN, ADRIAN, DE
- [71] KSB SE & CO. KGAA, DE
- [85] 2018-09-14
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- [25] EN
- [54] WASHING- AND CLEANING-ACTIVE POLYMER FILMS, PROCESS FOR THE PRODUCTION THEREOF AND USE THEREOF
- [54] FILMS POLYMERES A ACTION DETERGENTE ET NETTOYANTE, PROCEDE POUR LES PRODUIRE ET LEUR UTILISATION
- [72] FUCHS, YANNICK, DE
- [72] DETERING, JUERGEN, DE
- [72] MEISE, MARKUS, DE
- [72] SCHMIDT-HANSBERG, BENJAMIN, DE
- [72] ESPER, CLAUDIA, DE
- [71] BASF SE, DE
- [85] 2018-09-14
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- [25] EN
- [54] COMPOSITIONS USEFUL IN THE PREVENTION AND/OR TREATMENT OF DISORDERS OF THE ORAL CAVITY, UPPER AIRWAYS AND ESOPHAGUS
- [54] COMPOSITIONS UTILISABLES DANS LA PREVENTION ET/OU LE TRAITEMENT DE TROUBLES DE LA CAVITE BUCCALE, DES VOIES RESPIRATOIRES SUPERIEURES ET DE L'ESOPHAGE
- [72] BOMBARDELLI, EZIO, IT
- [71] INDENA S.P.A., IT
- [85] 2018-09-14
- [86] 2017-03-15 (PCT/EP2017/056148)
- [87] (WO2017/158041)
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- [25] EN
- [54] CITRATE SALT OF THE COMPOUND (S)-4-((S)-3-FLUORO-3-(2-(5,6,7,8-TETRAHYDRO-1,8-NAPHTHYDRIN-2-YL)ETHYL)PYRROLIDIN-1-YL)-3-(3-(2-METHOXYETHOXY)PHENYL) BUTANOIC ACID
- [54] SEL DE CITRATE DU COMPOSE ACIDE (S)-4-((S)-3-FLUORO-3-(2-(5,6,7,8-TETRAHYDRO-1,8-NAPHTHYDRIN-2-YL)ETHYL)PYRROLIDIN-1-YL)-3-(3-(2-METHOXYETHOXY)PHENYL) BUTANOIQUE
- [72] BARRETT, TIM, GB
- [72] HATLEY, RICHARD JONATHAN DANIEL, GB
- [72] MACDONALD, SIMON JOHN FAWCETT, GB
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- [72] TSE, SING YUEN ERIC, GB
- [71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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- [87] (WO2017/158072)
- [30] GB (1604589.0) 2016-03-18

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- [72] HAGERWALL, ANNELI EDSTROM, SE
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- [71] A1M PHARMA AB, SE
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- [72] LEYE, JOHANN, DE
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- [72] SILVA ZOLEZZI, IRMA, CH
- [72] SAMUEL, TINU MARY, CH
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[54] DISPOSITIF D'ISOLATION DE PUITS DE FORAGE A ECOULEMENT TRAVERSANT
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[54] COMPOSES ET PROCEDES POUR LA SYNTHESE DE PHOSPHORAMIDATE DE 5-(TRYPTAMINOCARBOXYAMIDE A N PROTEGE)-2'-DESOXYURIDINE DESTINE A ETRE INCORPORE DANS UNE SEQUENCE NUCLEIQUE
[72] ROHLOFF, JOHN, US
[71] SOMALOGIC, INC., US
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[54] POMPE A TUBE, COMPOSANT LIMITANT LA ROTATION, CORPS D'ARBRE, ET STRUCTURE DE RACCORDEMENT D'ARBRE
[72] MINATODANI, YOJI, JP
[71] WELCO CO., LTD., JP
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[72] KANDA, TAKASHI, JP
[71] KANSAI PAINT CO., LTD., JP
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[54] PROCEDE DE CONGELATION D'AGREGAT DE CELLULES MYOCARDIQUES DERIVEES DE CELLULES SOUCHES PLURIPOTENTES
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[71] KYOTO UNIVERSITY, JP
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[72] COBURN, CHARLES, US
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[72] BEHRENS, RANDALL DEAN, US
[71] PREMIER COIL SOLUTIONS, INC., US
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[71] CARDIOVASCULAR SYSTEMS, INC., US
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[72] VOIGT, ROBERT J., US
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[54] SYSTEME DE DELIVRANCE DE CERTIFICATS ACCREDITES BASE SUR UNE CHAINE DE BLOCS ET PROCEDE DE DELIVRANCE DE CERTIFICATS ACCREDITES BASE SUR UNE CHAINE DE BLOCS L'UTILISANT, ET SYSTEME D'AUTHENTIFICATION DE CERTIFICATS ACCREDITES BASE SUR UNE CHAINE DE BLOCS ET PROCEDE D'AUTHENTIFICATION DE CERTIFICATS ACCREDITES BASE SUR UNE CHAINE DE BLOCS L'UTILISANT
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BEARING PEBBLE FUELS
[54] PROCEDE DE TRAITEMENT
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[71] ULTRA SAFE NUCLEAR
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[54] BALLE COMPRENANT UN
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[72] SLOFF, MICHAEL, US
[72] BENINI, BRIAN, US
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[72] KOSMICKI, RANDY J., US
[72] WIRTH, AARON, US
[71] WEIR SLURRY GROUP, INC., US
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[54] ENSEMBLE DOUILLE ET
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D'ENSEMBLE DOUILLE
[72] KOPSIE, ERIC M., US
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[54] PROCEDE ET APPAREIL DE
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[72] KROEGER, BRIAN W., US
[72] PEYLA, PAUL J., US
[72] BAIRD, JEFFREY S., US
[71] IBIDIQUITY DIGITAL CORPORATION,
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[54] APPAREIL DE COMPOSTAGE ET PROCEDE D'UTILISATION DE CELUI-CI
[72] ZISHIRI, RUSSELL, CA
[71] ANACONDA SYSTEMS LIMITED, CA
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[54] GDF15 UTILISE DANS LE GLAUCOME ET SES METHODES D'UTILISATION
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[72] YOSHINO, JUN, US
[71] WASHINGTON UNIVERSITY, US
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[54] DISPOSITIF DE TRAITEMENT EXTERNE GENERANT DES ULTRASONS POUR LE TRAITEMENT DE LA MOELLE EPINIERE ET DES NERFS RACHIDIENS, APPAREIL COMPRENANT UN TEL DISPOSITIF ET METHODE METTANT EN OEUVRE UN TEL DISPOSITIF

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[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
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[54] PROCEDE DE FABRICATION D'ALIMENT INSTANTANE POUVANT ETRE CUIT PAR INDUCTION, PROCEDE DE CUISSON D'ALIMENT INSTANTANE ET DISPOSITIF DE CHAUFFAGE ET DE CUISSON D'ALIMENT INSTANTANE
[72] PARK, HAN, KR
[72] CHO, HWAN SUK, KR
[72] BAEK, YOUNG SOOK, KR
[71] BOCAF CO., LTD., KR
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[72] KRAEMER, JEFFREY ALBIN, US
[72] CHOKSEY, SANKET, US
[72] GOPALAN, RANGANATHAN, US
[71] CARBON BLACK, INC., US
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[71] HYDRASHOCK, LLC, US
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- [71] USG INTERIORS, LLC, US
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- [72] GOSS, JANET M., US
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- [54] DISTRIBUTEUR ALIMENTÉ PAR BATTERIE POUR FEUILLES ET CARTOUCHES A UN OU DEUX CONSTITUANTS
- [72] PLOTZITZKA, JOACHIM, DE
- [72] HEIM, MATTHIAS, DE
- [72] FINDLAY, BRENT MICHAEL, US
- [72] HERMAN, TIMM RANDAL, US
- [71] HENKEL AG & CO. KGAA, DE
- [71] MERITOOL L.L.C., US
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- [54] COMPOSITIONS ET PROCEDES POUR LA PENETRATION, LA DISTRIBUTION ET LA REPONSE CIBLEES DE PARTICULES DANS DES TUMEURS MALIGNES DU CERVEAU
- [72] BRADBURY, MICHELLE S., US
- [72] OVERHOLTZER, MICHAEL, US
- [72] BRENNAN, CAMERON, US
- [72] YOO, BARNEY, US
- [72] WOLCHOK, JEDD D., US
- [72] WIESNER, ULRICH, US
- [71] CORNELL UNIVERSITY, US
- [71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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- [54] APPAREIL A CAGE AYANT DES PASSAGES DE FLUIDE POUR AFFACTER DES CARACTERISTIQUES D'ECOULEMENT DE VANNES
- [72] MCCORMICK, NATHAN, GB
- [72] EILERS, DANIEL J., US
- [72] OLBERDING, JASON G., US
- [71] FISHER CONTROLS INTERNATIONAL LLC, US
- [85] 2018-09-14
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- [54] METHODES ET COMPOSITIONS LIEES A CRISPR/CAS POUR TRAITER LES BETA-HEMOGLOBINPATHIES
- [72] GORI, JENNIFER LEAH, US
- [72] BARRERA, LUIS A., US
- [71] EDITAS MEDICINE, INC., US
- [85] 2018-09-14
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- [72] BESTER, JACO, NL
- [72] CORBET, SOPHIE, FR
- [72] DELAMEILLEURE, STEPHANE, FR
- [72] GARCIA MOLINA, VERONICA, CH
- [72] ZAGANIARIS, EMMANUEL, FR
- [71] DOW GLOBAL TECHNOLOGIES LLC, US
- [85] 2018-09-14
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- [72] LIN, SIANG-YO, US
- [72] BERTINO, JOSEPH, R., US
- [72] LIN, CHEN-YONG, US
- [72] SZEKELY, ZOLTAN, US
- [71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
- [71] GEORGETOWN UNIVERSITY, US
- [85] 2018-09-14
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- [54] SYSTEMES ET PROCEDES DE GESTION D'INVENTAIRE DE PRODUITS ACHETES PAR DES CLIENTS AUPRES D'UN DETAILLANT
- [72] HIGH, DONALD R., US
- [72] HALBROOK, COURTLAND J., US
- [72] HENDRICKS, JOSEPH W., US
- [71] WALMART APOLLO, LLC, US
- [85] 2018-09-14
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- [54] SYSTEME DE CHARGE ET PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE CHARGE
- [72] WAFFNER, JUERGEN, DE
- [71] INNOGY SE, DE
- [85] 2018-09-17
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- [54] VANNE DE FOND DE TROU
- [72] HARRIS, MICHAEL J., US
- [72] ANTON, KENNETH J., US
- [71] TERCEL OILFIELD PRODUCTS USA LLC, US
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- [54] APPAREIL DE TRAITEMENT D'EAUX USEES ET SYSTEME DE COLLECTE ET DE TRAITEMENT D'EAUX USEES COMBINANT UN DRAINAGE D'EAU PLUVIALE
- [72] TRUONG, VAN DAN, VN
- [71] TRUONG, VAN DAN, VN
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- [54] COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES ET DE TROUBLES ASSOCIES A LA BETA-CATENINE
- [72] ABRAMS, MARC, US
- [72] GANESH, SHANTHI, US
- [71] DICERNA PHARMACEUTICALS, INC., US
- [85] 2018-09-14
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- [54] COMPOSITION DE BOISSON GLACEE CONTENANT DES PROTEINES DE POIS HYDROLYSEES
- [72] RYAN, SANDRA C., US
- [71] THE COCA-COLA COMPANY, US
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- [54] FUSION ROUSTE DE MAILLAGES TEXTURES 3D
- [72] MIN, JIANYUAN, US
- [72] WEI, XIAOLIN, US
- [71] MAGIC LEAP, INC., US
- [85] 2018-09-14
- [86] 2017-03-27 (PCT/US2017/024273)
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- [54] RESIN COMPOSITION, HEAT SEALING AGENT, FILM FOR LIQUID PACKAGING CONTAINER, LIQUID PACKAGING CONTAINER, LIQUID DISCHARGE MEMBER, AND MEDICAL CONTAINER
- [54] COMPOSITION DE RESINE, AGENT DE THERMOSCELLAGE, FILM POUR RECIPIENT DE CONDITIONNEMENT DE LIQUIDE, RECIPIENT DE CONDITIONNEMENT DE LIQUIDE, ELEMENT D'EVACUATION DE LIQUIDE ET RECIPIENT MEDICAL
- [72] NOJIMA, YUSUKE, JP
- [72] TAKAGI, HAJIME, JP
- [72] OSHITA, SHINYA, JP
- [71] KURARAY CO., LTD., JP
- [85] 2018-09-14
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- [72] DUONG, TIEN T., US
- [72] BEARD, RICHARD L., US
- [72] GARST, MICHAEL E., US
- [71] ALLERGAN, INC., US
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- [54] SYSTEME D'AUTODEPANNAGE DE VEHICULES A ROUES
- [72] VERBEEK, PATRICK, AU
- [71] BUSH WINCHES AND ANCHORS PTY LTD, AU
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- [72] LEKX, DAVID JOHN, CA
- [72] MAHMOUDYSEPEHR, SEYED MOHSSEN, CA
- [71] CELESTICA INTERNATIONAL INC., CA
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- [54] PROTECTION D'ELEMENTS HERITES EN NEGOCE DE RARETES ET PLATE-FORME DE CONVERGENCE NUMERIQUE
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- [72] ZHANG, XIAOHONG, US
- [71] LIQUID RARITY EXCHANGE, LLC, US
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- [54] COMPOSES ET PROCEDES DE MODULATION DE KINASES ET INDICATIONS ASSOCIEES
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- [72] IBRAHIM, PRABHA N., US
- [72] ALBERS, AARON, US
- [72] BUELL, JOHN, US
- [72] GUO, ZUOJUN, US
- [72] PHAM, PHUONGLY, US
- [72] POWERS, HANNAH, US
- [72] SHI, SONGYUAN, US
- [72] SPEVAK, WAYNE, US
- [72] WU, GUOXIAN, US
- [72] ZHANG, JIAZHONG, US
- [72] ZHANG, YING, US
- [72] WU, JEFFREY, US
- [71] PLEXXIKON INC., US
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- [54] FEEDING AID AND METHOD OF USE
- [54] AIDE A L'ALIMENTATION ET PROCEDE D'UTILISATION
- [72] O'HARA, ALIX, AU
- [71] MASHBLOX PTY LTD, AU
- [85] 2018-09-17
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 - [54] **NANOPORE DISCRIMINATION OF TARGET POLYNUCLEOTIDES FROM SAMPLE BACKGROUND BY FRAGMENTATION AND PAYLOAD BINDING**
 - [54] DIFFERENTIATION, A TRAVERS DES NANOPORES, DE POLYNUCLEOTIDES CIBLES D'UN ARRIERE-PLAN D'ECHANTILLON PAR FRAGMENTATION ET LIAISON DE CHARGE UTILE
 - [72] MORIN, TREVOR J., US
 - [72] DUNBAR, WILLIAM B., US
 - [72] HELLER, DANIEL A., US
 - [72] SHROPSHIRE, TYLER, US
 - [71] TWO PORE GUYS, INC., US
 - [85] 2018-09-14
 - [86] 2017-03-31 (PCT/US2017/025585)
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 - [30] US (62/316,452) 2016-03-31
 - [30] US (62/354,068) 2016-06-23
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- [25] EN
- [54] **ULTRA-WIDEBAND POSITIONING FOR WIRELESS ULTRASOUND TRACKING AND COMMUNICATION**
- [54] POSITIONNEMENT A BANDE ULTRA-LARGE POUR LE SUIVI ET LA COMMUNICATION PAR ULTRASONS SANS FIL
- [72] MAHFOUZ, MOHAMED R., US
- [71] MAHFOUZ, MOHAMED R., US
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 - [54] TECHNIQUE DE RETRAIT ET PROCEDE DE RECUPERATION POU ETANCON MECANIQUE UNIQUE A RESISTANCE CONSTANTE
 - [72] ZHANG, JIXIONG, CN
 - [72] ZHOU, NAN, CN
 - [72] QI, WENYUE, CN
 - [72] ZHANG, QIANG, CN
 - [72] LI, MENG, CN
 - [71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
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- [54] **SYSTEM AND APPARATUS FOR INDUCTIVE CHARGING OF A HANDHELD DEVICE**
- [54] SYSTEME ET APPAREIL DE CHARGE INDUCTIVE D'UN DISPOSITIF PORTATIF
- [72] LISSECK, LUTZ, DE
- [71] THE GILLETTE COMPANY LLC, US
- [85] 2018-09-14
- [86] 2017-04-03 (PCT/US2017/025675)
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 - [54] **PREFORME MULTICOUCHE ET CONTENANT**
 - [72] DUBUQUE, WILLIAM J., US
 - [72] MAST, LUKE A., US
 - [72] BEUERLE, FREDERICK C., US
 - [72] MAKI, KIRK EDWARD, US
 - [71] AMCOR GROUP GMBH, CH
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- [54] **COMPOSITIONS, PROCEDES, ET KITS POUR LA SYNTHESE ET LA DETECTION D'ACIDES NUCLEIQUES**
- [72] LE, FERRIER, US
- [72] RAMAMOORTHI, KALPITH, US
- [72] WILDE, JOYCE, US
- [72] FANTIN, NICOLE, US
- [72] LANG, JORDAN, US
- [72] DUPONT, DAVID, US
- [72] STEVENS, JUNKO, US
- [71] LIFE TECHNOLOGIES CORPORATION, US
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[54] PROCEDE ET DISPOSITIF DE PROTECTION CONTRE LE SUR-ENROULEMENT POUR SYSTEME DE LEVAGE DE PUITS PROFOND

[72] ZHOU, GONGBO, CN

[72] ZHU, ZHENCAI, CN

[72] YANG, PANPAN, CN

[72] LIU, SONGYONG, CN

[72] CAO, GUOHUA, CN

[72] PENG, YUXING, CN

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[54] COMPOSES AROMATIQUES SULFONES

[72] KRAWCZYK, NASTARAN, DE

[72] MOLLER, ALEXANDER, DE

[72] GEIGLE, PETER, DE

[72] LARIONOV, EVGENY, DE

[72] HARTWIG, JAN, DE

[71] CMBLU PROJEKT AG, DE

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[54] GRANULES COMPRENANT UN SUPPORT SOLIDE INORGANIQUE SUR LEQUEL EST CONTENU AU MOINS UN TENSIOACTIF BIOLOGIQUE

[72] KUPPERT, DIRK, DE

[72] EGNER, RUDOLF, DE

[72] LATTICH, JURGEN, DE

[72] HILDEBRAND, JENS, DE

[71] EVONIK DEGUSSA GMBH, DE

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[54] COMPOSITION PHARMACEUTIQUE COMPRENANT DE L'EMPAGLIFLOZINE ET SES UTILISATIONS

[72] BROEDL, ULI, DE

[72] SALSALI, AFSHIN, US

[72] WOERLE, HANS-JUERGEN, DE

[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE

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[54] PROCEDE DE PREPARATION D'HYDROCARBURE AROMATIQUE AVEC HYDROGENATION DE DIOXYDE DE CARBONE

[72] GE, QINGJIE, CN

[72] WEI, JIAN, CN

[72] XU, HENGYONG, CN

[71] DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, CN

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- [54] PROCEDE ET DISPOSITIF DE CODAGE D'IMAGE A PLAGE DYNAMIQUE ELEVEE, PROCEDE DE DECODAGE CORRESPONDANT ET DISPOSITIF DE DECODAGE
- [72] ANDRIVON, PIERRE, FR
- [72] LASSEUR, SEBASTIEN, FR
- [72] TOUZE, DAVID, FR
- [72] FRANCOIS, EDOUARD, FR
- [71] INTERDIGITAL VC HOLDINGS, INC., US
- [85] 2018-09-17
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- [54] PLANTES COMPRENANT DES GENES RESTAURATEURS DE LA STERILITE MALE CYTOPLASMIQUE DE TYPE G DU BLE, MARQUEURS MOLECULAIRES ET LEURS UTILISATIONS
- [72] ROHDE, ANTJE, BE
- [72] JACOBS, JOHN, BE
- [71] BAYER CROPSCIENCE NV, BE
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- [86] 2017-03-16 (PCT/EP2017/056302)
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- [54] POUDRE A BASE DE FER
- [72] LARSSON, CAROLINE, SE
- [72] ENGSTROM, ULF, SE
- [72] SZABO, CHRISTOPHE, DE
- [71] HOGANAS AB (PUBL), SE
- [85] 2018-09-17
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- [54] PLANTES COMPRENANT DES GENES RESTAURATEURS DE LA STERILITE MALE CYTOPLASMIQUE DE TYPE G DU BLE, MARQUEURS MOLECULAIRES ET LEURS UTILISATIONS
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- [72] JACOBS, JOHN, BE
- [71] BASF SE, DE
- [85] 2018-09-17
- [86] 2017-03-16 (PCT/EP2017/056304)
- [87] (WO2017/158127)
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- [54] PLANTS COMPRISING WHEAT G-TYPE CYTOPLASMIC MALE STERILITY RESTORER GENES, MOLECULAR MARKERS AND USES THEREOF
- [54] PLANTES COMPRENANT DES GENES DE RESTAURATION DE LA STERILITE MALE CYTOPLASMIQUE DE TYPE G DU BLE, MARQUEURS MOLECULAIRES ET LEURS UTILISATIONS
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- [72] JACOBS, JOHN, BE
- [71] BAYER CROPSCIENCE N.V., BE
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- [86] 2017-03-16 (PCT/EP2017/056306)
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- [54] INTERFACE UTILISATEUR DE RECHERCHE AUDIO
- [72] URBAIN, GABRIEL, BE
- [72] MOINET, ALEXIS, BE
- [72] FRISSON, CHRISTIAN, BE
- [71] UNIVERSITE DE MONS, BE
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 - [25] EN
 - [54] **KIT FOR THE COSMETIC TREATMENT OF THE EYE AND THE SKIN, AND COSMETIC FOR APPLICATION TO THE EYE AND TO THE SKIN**
 - [54] **KIT DESTINE AU TRAITEMENT COSMETIQUE DE L'OEIL ET DE LA PEAU ET PRODUIT COSMETIQUE A APPLIQUER SUR L'OEIL ET LA PEAU**
 - [72] MAHLER, MARKUS, DE
 - [72] STEINFELD, UTE, DE
 - [72] HOLZER, DOMINIK, DE
 - [71] URSAPHARM ARZNEIMITTEL GMBH, DE
 - [85] 2018-09-17
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- [25] EN
- [54] **FLOATING PHARMACEUTICAL DOSAGE FORM**
- [54] **FORME PHARMACEUTIQUE FLOTTANTE**
- [72] WENING, KLAUS, DE
- [72] STOMBERG, CARMEN, DE
- [72] HAUPTS, MARCEL, DE
- [71] GRUNENTHAL GMBH, DE
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 - [54] **ASSOCIATION DE MEDICAMENTS AYANT DES PUSSANCES DIFFERENTES**
 - [72] STOMBERG, CARMEN, DE
 - [72] WENING, KLAUS, DE
 - [72] HAUPTS, MARCEL, DE
 - [71] GRUNENTHAL GMBH, DE
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- [54] **REGULATION DE LA VOIE DE SIGNALISATION RAS/CAMP/PKA DANS DES LEVURES**

- [72] OESER, MICHELLE, US
- [72] HENNIGSEN, BROOKS, US
- [72] FISHER, JANET, US
- [72] RICE, CHARLES F., US
- [72] FROEHLICH, ALLAN, US
- [72] ARGYROS, AARON, US
- [72] ZELLE, RINTZE M., US
- [71] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU
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 - [54] **NAPHTHYRIDINES AS INTEGRIN ANTAGONISTS**
 - [54] **UTILISATION DE NAPHTHYRIDINES EN TANT QU'ANTAGONISTES DE L'INTEGRINE**
 - [72] ANDERSON, NIA LL ANDREW, GB
 - [72] CAMPBELL-CRAWFORD, MATTHEW HOWARD JAMES, GB
 - [72] HANCOCK, ASHLEY PAUL, GB
 - [72] LEMMA, SEBLE, GB
 - [72] PRITCHARD, JOHN MARTIN, GB
 - [72] PROCOPIOU, PANAYIOTIS ALEXANDROU, GB
 - [72] REDMOND, JOANNA MARY, GB
 - [72] SOLLIS, STEVEN LESLIE, GB
 - [71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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- [54] **POMPE DOSEUSE POUR UN DISPOSITIF DOSEUR ET AUSSI UN DISPOSITIF DOSEUR**
- [72] LEE, HYECK-HEE, DE
- [72] STEINFELD, UTE, DE
- [72] MAHLER, MARKUS, DE
- [72] HOLZER, FRANK, DE
- [71] F. HOLZER GMBH, DE
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[25] FR
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[54] PROCEDE ET DISPOSITIF DE REMPLISSAGE HYDRAULIQUE DE CAISSES PAR DES OBJETS FLOTTANTS A ALIMENTATION FORCEE
[72] BLANC, PHILIPPE, FR
[71] MAF AGROBOTIC, FR
[85] 2018-09-17
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[54] PROCEDE ET INSTALLATION POUR LE TRAITEMENT THERMIQUE D'UN MINERAIS CONTENANT DU SOUFRE
[72] STORCH, HANNES, DE
[72] DAUM, KARL-HEINZ, DE
[72] HAMMERSCHMIDT, JORG, DE
[72] BRAUNER, STEFAN, DE
[72] CHARITOS, ALEXANDROS, DE
[72] GUNTNER, JOCHEN, DE
[71] OUTOTEC (FINLAND) OY, FI
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[25] EN
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[54] COLLECTE D'INFORMATIONS DE THERAPIE PHYSIQUE POUR AMELIORER L'EFFICACITE DE TRAITEMENT DE LA TOXINE BOTULIQUE
[72] GRACIES, JEAN-MICHEL, FR
[71] IPSEN BIOPHARM LIMITED, GB
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[54] LAMINOIR A FROID A PAS DE PELERIN ET PROCEDE DE FABRICATION D'UN TUBE
[72] HEDVALL, CHRISTOFER, DE
[72] RAUFFMANN, UDO, DE
[72] FROBOSE, THOMAS, DE
[71] SANDVIK MATERIALS TECHNOLOGY DEUTSCHLAND GMBH, DE
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[54] SYSTEME ET PROCEDES DE DECRYPTAGE DE TRAFIC DE RESEAU DANS UN ENVIRONNEMENT VIRTUALISE
[72] CARAGEA, RADU, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
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 - [54] SYSTEMS AND METHODS FOR AUTOMATIC DEVICE DETECTION
 - [54] SYSTEME ET PROCEDES PERMETTANT UNE DETECTION DE DISPOSITIF AUTOMATIQUE
 - [72] CEBERE, BOGDAN-CONSTANTIN, RO
 - [71] BITDEFENDER IPR MANAGEMENT LTD, CY
 - [85] 2018-09-17
 - [86] 2017-03-29 (PCT/EP2017/057471)
 - [87] (WO2017/167836)
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 - [54] ARBRE DE MELANGE
 - [72] SEILER, ANDREAS, DE
 - [72] BECHTOLD, MATTHIAS, DE
 - [72] DORR, MARTIN, DE
 - [72] LUKSCHE, CHRISTIAN, DE
 - [71] MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG, DE
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 - [54] UTILISATION DE TAMOXIFENE POUR LE TRAITEMENT DE LA MUCOVISCIDOSE CHEZ DES PATIENTS DES DEUX SEXES
 - [72] BALDUZZI, GIORGIO, IT
 - [71] GB PHARMA S.R.L., IT
 - [85] 2018-09-17
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- [54] ROTOR DE GENERATEUR POUR UN GENERATEUR D'EOLIENNE OU DE CENTRALE HYDROELECTRIQUE, GENERATEUR, EOLIENNE ET CENTRALE HYDROELECTRIQUE EQUIPES DUDIT ROTOR DE GENERATEUR

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 - [71] WOBKEN PROPERTIES GMBH, DE
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 - [72] KLEYMANN, GERALD, DE
 - [72] GEGE, CHRISTIAN, DE
 - [71] INNOVATIVE MOLECULES GMBH, DE
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 - [72] WEIDNER, ROBERT, DE
 - [72] WULFSBERG, JENS-PETER, DE
 - [72] OTTEN, BERNWARD, DE
 - [72] ARGUBI-WOLLESEN, ANDREAS, DE
 - [71] EXOIQ GMBH, DE
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- [54] RECUPERATION DE METAUX A PARTIR DE MATERIAUX RICHES EN CALCIUM
- [72] KOTIRANTA, TUUKKA, FI
- [72] PALOVAARA, PETRI, FI
- [72] PISILA, SAULI, FI
- [71] OUTOTEC (FINLAND) OY, FI
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[54] ELEMENT DE COLLECTEUR A FILTRE SOUS PRESSION HORIZONTAL, ELEMENT DE PLAQUE A FILTRE SOUS PRESSION HORIZONTAL, FILTRE SOUS PRESSION HORIZONTAL, ET PROCEDES ASSOCIES
[72] PARTTI, ARI, FI
[71] OUTOTEC (FINLAND) OY, FI
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[54] SYSTEME DE LEVAGE ET ELEMENT DE SUPPORT POUR UN TEL SYSTEME DE LEVAGE
[72] NIELSEN, ESBEN, DK
[71] CRH CONCRETE A/S, DK
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[72] KLOTZ, FRANCK, CA
[72] ARRUDA, PAULO, CA
[71] GEBO CERMEX CANADA INC., CA
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[54] CAPSULE POUR PRODUITS D'INFUSION, EN PARTICULIER DU CAFE
[72] RONDELLI, RAFFAELE, IT
[71] MACCHIAVELLI S.R.L., IT
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[54] COMPOSITION BACTERIENNE D'ACIDE LACTIQUE POUR LE TRAITEMENT D'INFECTIONS VAGINALES BACTERIENNES PAR GARDNERELLA VAGINALIS ET, EVENTUELLEMENT, D'INFECTIONS FONGIQUES CONCURRENTES
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
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[54] MESSAGE TRANSFER SYSTEM, METHOD OF TRANSFERRING MESSAGES AND SOFTWARE PRODUCT
[54] SYSTEME ET PROCEDE DE TRANSFERT DE MESSAGE ET PRODUIT LOGICIEL
[72] CAHILL, ANTHONY, IE
[72] KEATING, COLM, IE
[72] SLYNE, FRANK, IE
[72] KELLY, HUGH, IE
[71] WEBTEXT HOLDINGS LTD., IE
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IMPELLER PUMP
[54] PIECE A MAIN DE PHACO-
EMULSIFICATION AVEC POMPE
A HELICE FLEXIBLE
[72] BOURNE, JOHN, US
[71] NOVARTIS AG, CH
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[72] GIROUARD, JONIE M., US
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CONNECTOR
[54] RACCORD DE DISPOSITIF
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[72] MCMICHAEL, DONALD, US
[71] AVENT, INC., US
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ENHANCEMENT AND
COMPENSATION OF
COMPRESSED AUDIO SIGNALS
[54] AMELIORATION BASEE SUR LA
QUALITE DU SIGNAL ET
COMPENSATION DE SIGNAUX
AUDIO COMPRESSES
[72] SOULODRE, GILBERT ARTHUR
JOSEPH, CA
[72] HEBER, KEVIN, US
[71] HARMAN INTERNATIONAL
INDUSTRIES, INCORPORATED, US
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METHODS OF USE
[54] INHIBITEURS D'HYDRATES ET
METHODES D'UTILISATION DE
CES DERNIERS
[72] LAN, QIANG, US
[72] MONTEIRO, DEEPAK STEVEN, US
[72] CEGLIO, MARK PAUL, II, US
[72] KRISHNAMURTHY, PUSHKALA,
US
[72] ACOSTA, ERICK J., US
[71] MULTI-CHEM GROUP, LLC, US
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CHECKING THE INTEGRITY OF
A SUBJECT
[54] PROCEDE
D'AUTHENTIFICATION ET/OU
DE CONTROLE D'INTEGRITE
D'UN SUJET
[72] BOUTANT, YANN, FR
[72] FOURNEL, THIERRY, FR
[71] KERQUEST, FR
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[54] VAPOUR PROVISION
APPARATUS
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VAPEUR
[72] LEADLEY, DAVID, GB
[72] WRIGHT, JEREMY, GB
[71] NICOVENTURES HOLDINGS
LIMITED, GB
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- [54] **FORMULATIONS PHARMACEUTIQUES A LIBERATION RETARDEE COMPRENANT DE L'ACIDE VALPROIQUE, ET LEURS UTILISATIONS**
- [72] GUSTAFSSON, NILS OVE, SE
- [72] MARTENSSON, HANS ROGER MARCUS, SE
- [72] BERGH, NIKLAS, SE
- [72] SALJO, JONAS FAJERSON, SE
- [72] JERN, SVERKER, SE
- [71] CERENO SCIENTIFIC AB, SE
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- [54] **SEPARATEUR PORCEUX POUR PILES A COMBUSTIBLE**
- [72] TANNO, FUMIO, JP
- [72] OKAMOTO, SHUSUKE, JP
- [71] NISSHINBO CHEMICAL INC., JP
- [85] 2018-09-17
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- [25] EN
- [54] **SHEET JIG, STAGE, MANUFACTURING APPARATUS, AND METHOD FOR MANUFACTURING SECONDARY CELL**
- [54] **GABARIT DE FEUILLE, PLATINE, DISPOSITIF DE FABRICATION, ET PROCEDE DE FABRICATION DE BATTERIE SECONDAIRE**
- [72] KIMURA, KATSUHIKO, JP
- [72] MIZOE, YOSHIAKI, JP
- [72] SAITO, TOMOKAZU, JP
- [72] DEWA, HARUTADA, JP
- [71] KABUSHIKI KAISHA NIHON MICRONICS, JP
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- [25] EN
- [54] **VIRUS REMOVAL MEMBRANE AND METHOD FOR MANUFACTURING VIRUS REMOVAL MEMBRANE**
- [54] **MEMBRANE D'ELIMINATION DE VIRUS ET PROCEDE DE FABRICATION DE MEMBRANE D'ELIMINATION DE VIRUS**
- [72] FUTAMURA, AKIKA, JP
- [72] KON, YUSUKE, JP
- [72] HONGO, TOMOKO, JP
- [71] ASAHI KASEI MEDICAL CO., LTD., JP
- [85] 2018-09-17
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- [25] EN
- [54] **KIT OR DEVICE FOR DETECTING EARLY STAGE PANCREATIC CANCER OR PANCREATIC CANCER PRECURSOR LESIONS AND DETECTION METHOD THEREFOR**
- [54] **KIT OU DISPOSITIF PERMETTANT DE DETECTER UN CANCER DU PANCREAS A UN STADE PRECOCE OU DES LESIONS CONDUISANT A UN CANCER DU PANCREAS ET PROCEDE DE DETECTION ASSOCIE**
- [72] KAWAUCHI, JUNPEI, JP
- [72] SUDO, HIROKO, JP
- [72] KOZONO, SATOKO, JP
- [72] OCHIAI, ATSUSHI, JP
- [72] KOJIMA, MOTOHIRO, JP
- [71] TORAY INDUSTRIES, INC., JP
- [71] NATIONAL CANCER CENTER, JP
- [85] 2018-09-17
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- [54] **REARRANGEMENT DE COMBUSTIBLE INTER-MODULE**
- [72] KITTO, ALLYSON, US
- [72] INGERSOLL, DANIEL, US
- [72] REYES, JOSE N., JR., US
- [71] NUSCALE POWER, LLC, US
- [85] 2018-09-17
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 - [54] SAS DE PROTECTION RESISTANT A LA PERFORATION POUR QUAIS DE CHARGEMENT
 - [72] HEIM, FRANK, US
 - [72] BORGERDING, GARY, US
 - [72] WITHROW, RYAN, US
 - [71] RITE-HITE HOLDING CORPORATION, US
 - [85] 2018-09-17
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- [54] ANTICORPS MONOCLONAUX NEUTRALISANTS DIRIGES CONTRE L'IL-25 ET LEURS UTILISATIONS
- [72] SHIMKETS, RICHARD A., US
- [72] JACKSON, CRYSTAL LYLES, US
- [72] BARTLETT, NATHAN, AU
- [72] VINCENT, THOMAS, US
- [72] LUO, YONGHUA, US
- [71] ABEOME CORPORATION, US
- [71] SHIMKETS, RICHARD A., US
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- [71] VINCENT, THOMAS, US
- [71] LUO, YONGHUA, US
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 - [25] EN
 - [54] NOZZLE/HEADER DESIGN FOR POLYSTYRENE
 - [54] CONCEPTION DE BUSE/COLLECTEUR POUR POLYSTYRENE
 - [72] TOMLINSON, JOHN, US
 - [72] SOSA, JOSE, US
 - [72] CORLETO, CARLOS R., US
 - [72] KENNEDY, ROY, US
 - [71] FINA TECHNOLOGY, INC., US
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- [54] DETERMINATION D'ESTIMATIONS DE ROBUSTESSE DE PERMEABILITE DE RESEAU DE FRACTURES DISCRETES
- [72] HOEINK, TOBIAS, US
- [71] BAKER HUGHES, A GE COMPANY, LLC, US
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- [86] 2017-03-17 (PCT/US2017/022894)
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 - [54] DOOR PRESENTING SYSTEM AND METHOD OF OPERATING SAME
 - [54] SYSTEME DE PRESENTATION DE PORTE ET SON PROCEDE DE COMMANDE
 - [72] WORDEN, SCOTT DAVID, CA
 - [72] SUBRAMANIAM, JEYAKUMAR, CA
 - [72] DANIELS, ANDREW R., CA
 - [72] DOMINIK, TOMASZ T., CA
 - [71] MULTIMATIC INC., CA
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- [25] EN
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- [54] TRI DE CELLULES A L'AIDE D'UN CYTOMETRE DE FLUX A FLUORESCENCE A HAUT DEBIT
- [72] DIEBOLD, ERIC, US
- [72] OWSLEY, KEEGAN, US
- [72] LIN, JONATHAN, US
- [71] BD BIOSCIENCES, US
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- [72] HARRIS, DANIEL J., US
- [72] PAWLOWSKI, FRANK, US
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- [71] BALCHEM CORPORATION, US
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 - [71] ISOLYNX, LLC, US
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- [72] HENNING, TIMOTHY P., US
- [72] SKINNER, JOSEPH P., US
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- [71] ASSESSX TECHNOLOGY LTD., CA
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[72] FERNANDES, MARY, US

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[72] JAIN, PARTH, CA

[72] PRODIC, ALEKSANDAR, CA

[72] GERFER, ALEXANDER, DE

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[71] WATERSHED GEOSYNTHETICS LLC, US
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[72] SOUTHARD, MATTHEW, US
[72] SAMANIEGO, ADRIAN C., US
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[71] XTPL S.A., PL
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- [72] SOOKRAJ, SADESH H., US
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[71] NOVOMER, INC., US
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- [54] PROCEDE, FILIERE ET SYSTEME DE FABRICATION DE MEMBRANES MULTICOUCHES
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[72] HEIJNEN, MARTIN, DE
[72] WIDJOJO, NATALIA, SG
[71] BASF SE, DE
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- [54] ENCAPSULATION DE BRUIT COMPACTE POUR DISPOSITIFS DE TRAITEMENT MOBILES
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[72] TUOKKO, TUOMAS, FI
[72] TAKANIEMI, MIKKO, FI
[72] HEIKKILA, JUHAMATTI, FI
[71] METSO MINERALS, INC., FI
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 - [71] GENFIT, FR
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- [72] CORDONNIER, GENEVIEVE, FR
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- [72] PRACA, EMILIE, FR
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- [72] RUEBENACKER, MARTIN, DE
- [72] DOBRAWA, RAINER, DE
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- [72] BOECKH, DIETER, DE
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- [72] CUTHERBERTSON, MELISSA, US
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 - [54] APPAREIL DE DRAGAGE ET PROCEDE DE DRAGAGE
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 - [54] PROCEDE DE COMMANDE DE TENSION DE RESEAU ELECTRIQUE EN COURANT CONTINU
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 - [72] LU, YU, CN
 - [72] DONG, YUNLONG, CN
 - [72] LI, GANG, CN
 - [72] HU, ZHAOQING, CN
 - [71] NR ELECTRIC CO., LTD., CN
 - [71] NR ENGINEERING CO., LTD, CN
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- [72] WHITE, MALCOLM, GB
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- [72] BURN, PATRICK, GB
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- [71] CREO MEDICAL LIMITED, GB
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- [54] SYSTEME ET PROCEDE DE MEMORISATION DE DONNEES EN MOUVEMENT
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- [72] HARLEV, OHAD, US
- [72] LITVIN, ARIEL, US
- [72] WILLNER, ALAN ELI, US
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- [72] MCMANAMON, PAUL FRANCIS, US
- [72] MCGUFFIN, ASHER, US
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- [54] DISPOSITIF DE PREPARATION DE PORTE-ECHANTILLONS ABSORBANTS COMPRENANT UNE QUANTITE DE LIQUIDE SECHEE, EN PARTICULIER DU SANG
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- [71] SARSTEDT AKTIENGESELLSCHAFT & CO. KG, DE
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 - [71] INNOMASK TECHNOLOGIES KFT., HU
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 - [72] PFIRRMANN, ROLF W., CH
 - [71] GEISTLICH PHARMA AG, CH
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- [54] RESEAU DE TIMBRES CUTANES POUR LA DISTRIBUTION ET LE CHAUFFAGE DE PRODUITS D'HYGIENE PERSONNELLE
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- [72] JACOB, CHRISTOPHE, FR
- [71] ELC MANAGEMENT LLC, US
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- [54] S-METHYLCYSTEINE SULFOXYDE SERVANT A LA PREVENTION ET LE TRAITEMENT DU CANCER DE LA PROSTATE
- [72] MITHEN, RICHARD, GB
- [72] MELCHINI, ANTONIETTA, GB
- [72] TRAKA, MARIA, GB
- [71] QUADRAM INSTITUTE BIOSCIENCE, GB
- [85] 2018-09-18
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- [72] JANUSZIEWICZ, RIMA, US
- [72] MECHAM, SUE J., US
- [71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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- [72] HOSAKA, TETSURO, JP
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- [72] IWASAKI, NORIMASA, JP
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 - [54] ARTICLE COMPRENANT UN AGENT ANTIOXYDANT ET UN AGENT BACTERIOSTATIQUE ET SON PROCEDE DE PRODUCTION
 - [72] ROVERI, NORBERTO, IT
 - [72] LELLI, MARCO, IT
 - [72] MASETTI, MASSIMO, IT
 - [72] PETRAROIA, SANDRA, IT
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 - [71] ASTELLAS PHARMA INC., JP
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- [54] PROCEDE ET SYSTEME POUR CREER UNE SEQUENCE UTILISEE POUR COMMUNIQUER DES INFORMATIONS ASSOCIEES A UNE APPLICATION
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- [72] AUDANT, LIONEL, CA
- [71] UNIMA LOGICIEL INC., CA
- [85] 2018-09-18
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 - [72] BRYCKAERT, EMILIE, FR
 - [72] DELCHAMBRE, FLORENCE, FR
 - [72] DUPUY-CORNUAILLE, CAMILLE, FR
 - [72] MEILLIER, STEPHANE, FR
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- [72] PIASENTIN, MIRKO, IT
- [72] VARELLI, JASON, US
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- [72] CHARLES, STEVEN T., US
- [71] NOVARTIS AG, CH
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- [54] PROCEDES ET SYSTEMES POUR DETERMINER DES PROPRIETES DE FORMATION ET DES PROPRIETES DE TUYAU A L'AIDE DE MESURES DE TELEMETRIE
- [72] WU, HSU-HSIANG, US
- [72] DONDERICI, BURKAY, US
- [71] HALLIBURTON ENERGY SERVICES, INC., US
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- [54] TOLE D'ACIER INOXYDABLE FERRITIQUE CONTENANT DU NIOBIUM ET SON PROCEDE DE FABRICATION
- [72] YAKUSHIJIN, YUTAKA, JP
- [72] HIRONAKA, AKIRA, JP
- [72] IMAKAWA, KAZUNARI, JP
- [71] NISSHIN STEEL CO., LTD., JP
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- [54] FIBRE POREUSE, MATERIAU ABSORBANT ET COLONNE DE PURIFICATION
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- [72] UENO, YOSHIYUKI, JP
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- [71] ACOUSTIC METAMATERIALS, INC., US
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INTERNET ACCESS AND
TRANSPORT

[54] SYSTEME DE CONTROLE
D'ADMISSION POUR UN ACCES
ET UN TRANSPORT INTERNET
PAR SATELLITE

[72] CORSON, MATHEW SCOTT, US

[71] WORLDVU SATELLITES LIMITED,
US

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NEUROPROTECTIVE THERAPY
FOR GLAUCOMA

[54] SYSTEME ET PROCEDE POUR
UNE THERAPIE
NEUROPROTECTRICE POUR LE
GLAUCOME

[72] LUTTRULL, JEFFREY K., US

[72] MARGOLIS, BENJAMIN W. L., US

[72] CHANG, DAVID B., US

[71] OJAI RETINAL TECHNOLOGY,
LLC, US

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[54] COATING COMPOSITIONS,
ELASTIC BARRIER COATINGS
FORMED THEREFROM, AND
METHODS OF APPLYING SUCH
COATINGS

[54] COMPOSITIONS DE
REVETEMENT, REVETEMENTS
DE BARRIERE ELASTIQUE
FORMES A PARTIR DE CELLES-
CI ET PROCEDES
D'APPLICATION DE CES
REVETEMENTS

[72] MARTIN, ROXALANA, US

[72] FALER, DENNIS L., US

[72] JORDAN, JENNIFER TAMAKI, US

[72] BOWMAN, MARK P., US

[72] SWARUP, SHANTI, US

[72] XU, XIANGLING, US

[72] ZHOU, HONGYING, US

[72] TUCKER, MARK A., US

[71] PPG INDUSTRIES OHIO, INC., US

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METHODS OF PREPARING THE
SAME

[54] REVETEMENTS MULTICOUCHE
ET PROCEDES DE PREPARATION
CORRESPONDANTS

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[72] SADVARY, RICHARD J., US

[72] SWARUP, SHANTI, US

[72] ZHOU, HONGYING, US

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[54] CYANIC ACID ESTER
COMPOUND, METHOD FOR
PRODUCING SAME, RESIN
COMPOSITION, CURED
PRODUCT, PREPREG, MATERIAL
FOR ENCAPSULATION, FIBER-
REINFORCED COMPOSITE
MATERIAL, ADHESIVE, METAL
FOIL-CLAD LAMINATE, RESIN
SHEET, AND PRINTED CIRCUIT
BOARD

[54] COMPOSE D'ESTER D'ACIDE
CYANIQUE ET SON PROCEDE DE
PRODUCTION, COMPOSITION
DE RESINE, ARTICLE DURCI,
PREIMPREGNE, MATERIAU
D'ETANCHEITE, MATERIAU
COMPOSITE RENFORCE PAR
DES FIBRES, AGENT ADHESIF,
PLAQUE STRATIFIEE REVETUE
D'UNE FEUILLE METALLIQUE,
FEUILLE DE RESINE ET CARTE
DE CIRCUIT IMPRIME

[72] KOGA, SHOTA, JP

[72] TAKANO, KENTARO, JP

[72] KATAGIRI, MASAYUKI, JP

[72] YASUDA, YOSHIHIRO, JP

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[71] MITSUBISHI GAS CHEMICAL
COMPANY, INC., JP

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- [71] GE OIL & GAS PRESSURE CONTROL LP, US
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- [72] SONDEREGGER, RALPH L., US
- [72] BURKHOLZ, JONATHAN KARL, US
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- [54] PROCEDE ET SYSTEME DE SOLUTION DE PAIEMENT DE VERSEMENT DE PRETRANSACTION ET SIMULATION DE VERSEMENT
- [72] ABELA, RUTH ELIZABETH, GB
- [72] STEENBEEK, DOMINIQUE, BE
- [72] LIBUS, ANNA ELIZAVETA, GB
- [71] MASTERCARD INTERNATIONAL INCORPORATED, US
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- [54] PROCEDE, DISPOSITIF ET COMPOSITION DE NEUTRALISATION DE CONTAMINATION ELECTROMAGNETIQUE
- [72] MACHADO, JOSE, US
- [71] NOXTAK CORP., US
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- [72] WACHSMAN, ERIC D., US
- [72] ABDUL JABBAR, MOHAMMED HUSSAIN, US
- [71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
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- [72] ISLAM, MUHAMMAD NAZMUL, US
- [72] LUO, TAO, US
- [72] CEZANNE, JUERGEN, US
- [72] SUBRAMANIAN, SUNDAR, US
- [72] LI, JUNYI, US
- [71] QUALCOMM INCORPORATED, US
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- [72] MATHEW, THOMAS, US
- [72] RAPIN, EDWARD A., US
- [72] GORDON, SHAELYN, US
- [72] SOLMOSAN, JEFFREY J., US
- [72] BILIC, JEROMIN, US
- [72] MCFARLIN, NICHOLAS WADE, US
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- [71] BAKER HUGHES, A GE COMPANY, LLC, US
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- [54] PYRIMIDINES ET VARIANTS DE CELLES-CI, ET LEURS UTILISATIONS
- [72] HAWLEY, RONALD CHARLES, US
- [72] IBRAHIM, PRABHA, US
- [72] FORD, ANTHONY P., US
- [72] GEVER, JOEL R., US
- [71] AFFERENT PHARMACEUTICALS INC., US
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 - [72] BRESOLIN, STEFANO, US
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[54] CATALYSEUR D'HYDROLYSE A HAUTE TENEUR EN METAUX POUR REDUCTION CATALYTIQUE DU SOUFRE DANS UN FLUX GAZEUX

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[72] MALDONADO, FERNANDO GABRIEL, US

[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL

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[54] ELEMENT OPTIQUE REFLECHISSANT DOTE D'UN SUBSTRAT TRES RIGIDE

[72] SUTHERLAND, JAMES SCOTT, US

[72] WAMBOLDT, LEONARD GERARD, US

[72] WOODARD, KENNETH SMITH, US

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[54] INLET PRESSURE COMPENSATION FOR A VALVE SYSTEM
[54] COMPENSATION DE PRESSION D'ENTREE POUR SYSTEME DE SOUPAPE

[72] VILLANUEVA, CARLOS, US

[71] DUKES AEROSPACE, INC., US

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[87] (WO2017/165603)

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[13] A1

[51] Int.Cl. A63B 21/04 (2006.01) A47C 1/00 (2006.01) A47C 7/62 (2006.01)
A63B 21/00 (2006.01) A63B 21/02 (2006.01) A63B 21/055 (2006.01)
A63B 21/16 (2006.01)

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[54] EXERCISE CHAIR UTILIZING AN ADJUSTABLE RESISTANCE BAND SYSTEM

[54] FAUTEUIL D'EXERCICES UTILISANT UN SYSTEME DE BANDES DE RESISTANCE REGLABLES

[72] WEISZ, EVAN, US

[71] WEISZ, EVAN, US

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[21] 3,018,214

[13] A1

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[54] DETECTEUR DE RAYONNEMENT POUR LA DETECTION SIMULTANEE D'UNE PLURALITE DE RAYONNEMENTS

[72] QUEVEDO-LOPEZ, MANUEL, US

[72] MEJIA SILVA, JESUS I., US

[72] PRADHAN, BHABENDRA K., US

[72] GNADE, BRUCE E., US

[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US

[71] NANO HOLDINGS LLC, US

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[54] USE OF INSULIN FOR PROMOTING GASTRIC EMPTYING

[54] UTILISATION DE L'INSULINE POUR FAVORISER LA VIDANGE GASTRIQUE

[72] ATAROT, TAL, IL

[72] OLSHANSKY, MICHAL, IL

[71] NUTRINIA LTD., IL

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[86] 2017-03-24 (PCT/US2017/024053)

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- [54] FORMULATIONS DE MOLECULES D'ANTICORPS CONTRE LE VIRUS DE LA DENGUE
- [72] HAY, CATHERINE, US
- [72] SLOAN, SUSAN, US
- [72] XU, BI, US
- [71] VISTERRA, INC., US
- [85] 2018-09-18
- [86] 2017-03-24 (PCT/US2017/023973)
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- [30] US (62/313,558) 2016-03-25

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- [25] EN
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- [54] SYSTEMES DE PESAGE MEDICAL
- [72] HENDRIX, HEIDI FRANCES, US
- [72] RAWLINGS, DAVID RICHARD, US
- [72] CORRIGAN, SEAN, US
- [72] RICHMOND, DAVID B., US
- [72] DAVIS, DAVID, US
- [71] MICROTEK MEDICAL, INC., US
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[13] A1

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- [25] EN
- [54] CORN PROTEIN PRODUCT HAVING DECREASED FREE SULFITE LEVELS & METHOD FOR MANUFACTURING SAME
- [54] PRODUIT DE PROTEINE DE MAIS AUX TAUX DE SULFITE LIBRE REDUITS ET PROCEDE DE FABRICATION ASSOCIE
- [72] PORTER, MICHAEL A., US
- [72] YEHIA, HADI NAYEF, US
- [72] ZHENG, GUO-HUA, US
- [71] CARGILL, INCORPORATED, US
- [85] 2018-09-18
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[21] 3,018,220
[13] A1

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- [25] EN
- [54] ADJUSTABLE SUPPORT GARMENT WITH HARNESS SYSTEM
- [54] VETEMENT DE SUPPORT AJUSTABLE AVEC SYSTEME DE HARNAIS
- [72] MUHLENFELD, STEPHANIE, US
- [71] NIKE INNOVATE C.V., US
- [85] 2018-09-18
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- [87] (WO2017/172777)
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- [25] EN
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- [54] UTILISATIONS COMBINEE DE NITROXOLINE ET DE SES ANALOGUES AVEC DES CHIMIOTHERAPIES ET DES IMMUNOTHERAPIES DANS LE TRAITEMENT DE CANCERS
- [72] PAN, KE, US
- [72] HUANG, PENG, JP
- [72] LI, QIANG, CN
- [71] ASIERIS PHARMACEUTICAL TECHNOLOGIES CO., LTD., VG
- [85] 2018-09-18
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- [54] SYSTEMES ET PROCEDES POUR FOURNIR UNE LISTE DE LECTURE DE CONTENU PERTINENT POUR UN UTILISATEUR A LIRE A LA PLACE D'UN CONTENU DE PUBLICITE
- [72] PATEL, MILAN INDU, US
- [72] BRIGHT, KEVIN SCOTT, US
- [72] WEIGAND, EMILY LOUISE, US
- [72] HUYNH, NANCY, US
- [71] ROVI GUIDES, INC., US
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[13] A1

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- [25] EN
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- [54] PROCEDE ET APPAREIL PERMETTANT D'ADMINISTRER DES AGENTS THERAPEUTIQUES
- [72] HANNAMAN, ANDREW W., US
- [72] BERNARD, ROBERT M., US
- [72] MORSE, STEPHEN A., US
- [72] RUCK, OLIVER, US
- [72] HARTMAN, ADAM, US
- [72] COX, THOMAS DAVID, US
- [71] ICHOR MEDICAL SYSTEMS, INC., US
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- [54] METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE LA SLA
- [72] MACLENNAN, ALEXANDER JOHN, US
- [71] UNIVERSITY OF CINCINNATI, US
- [85] 2018-09-18
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- [87] (WO2017/173234)
- [30] US (62/315,988) 2016-03-31
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- [25] EN
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- [54] SYSTEME COMPLET PERMETTANT DE CONNECTER DES CAPTEURS A DES DISPOSITIFS INTELLIGENTS
- [72] SONNENSCHEIN, LAZAR, IL
- [71] PULSEMORE LTD., IL
- [85] 2018-09-18
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- [25] EN
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- [54] MOTEUR ELECTRIQUE
- [72] SHLAKHETSKI, VICTOR, IL
- [72] MOSTOVY, ALEXANDER, IL
- [71] VASTECH HOLDINGS LTD., GB
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[13] A1

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- [25] EN
- [54] ELECTROMAGNETIC FIELD PROBE
- [54] SONDE DE CHAMP ELECTROMAGNETIQUE
- [72] KOBAYASHI, RYOTA, JP
- [72] KOBAYASHI, TSUYOSHI, JP
- [72] MIYAZAKI, CHIHARU, JP
- [71] MITSUBISHI ELECTRIC CORPORATION, JP
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- [25] EN
- [54] FUEL CELL SYSTEM AND METHOD FOR CONTROLLING FUEL CELL SYSTEM
- [54] SYSTEME DE PILES A COMBUSTIBLE ET PROCEDE DE COMMANDE D'UN SYSTEME DE PILE A COMBUSTIBLE
- [72] CHIKUGO, HAYATO, JP
- [72] TOMITA, YOUSUKE, JP
- [71] NISSAN MOTOR CO., LTD., JP
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- [87] (WO2017/163499)
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 - [54] COMPOSITIONS AND METHODS FOR INHIBITION AND INTERRUPTION OF BIOFILM FORMATION
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 - [72] JIN, XIAOMING, US
 - [72] LU, HUI, US
 - [72] DAMIEN, CHRISTOPHER, US
 - [72] KOLTISKO, BERNARD, US
 - [71] DENTSPLY SIRONA INC., US
 - [85] 2018-09-18
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 - [87] (WO2017/173294)
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 - [25] EN
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 - [54] DISPOSITIFS OPTIQUES ET PROCEDE PERMETTANT DE SYNTONISER UN SIGNAL OPTIQUE
 - [72] SHI, WEI, CA
 - [71] UNIVERSITE LAVAL, CA
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 - [86] 2016-03-17 (PCT/CA2016/050301)
 - [87] (WO2016/149804)
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 - [54] PNEU AVEC PAROIS LATERALES ONDULEES A HAUTE RESISTANCE
 - [72] DOUGLAS, JEFFREY P., US
 - [71] DOUGLAS, JEFFREY P., US
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 - [86] 2017-03-31 (PCT/US2017/025484)
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 - [71] 1065210 B.C. LTD., CA
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 - [25] EN
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 - [54] APPAREIL ET PROCEDE DE SURVEILLANCE D'ACCRETION DE CRISTAL DE GLACE DE MOTEUR D'AERONEF EN VOL
 - [72] INKPEN, STUART, CA
 - [72] NOLAN, CHRIS, CA
 - [72] CONWAY, BILL, CA
 - [72] LINFIELD, DANA, CA
 - [72] BONNELL, DAVID, CA
 - [72] SWAMIDAS, JOSHUA, CA
 - [72] ABRAHAM, RUTH, CA
 - [71] INSTRUMAR LIMITED, CA
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 - [87] (WO2016/176773)
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 - [25] EN
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 - [54] DOSAGE DE RAPPORTEUR HAUTEMENT SENSIBLE A BASE DE LUCIFERASE SPECIFIQUE POUR LA DETECTION D'ANTIGENES
 - [72] CHAUDHARY, PREET M., US
 - [71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
 - [85] 2018-09-18
 - [86] 2017-03-31 (PCT/US2017/025602)
 - [87] (WO2017/173403)
 - [30] US (62/316,489) 2016-03-31
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[13] A1

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- [54] FIBRES FINES OBTENUES A PARTIR D'UNE RETICULATION A TEMPERATURE AMBIANTE
- [72] SHENOY, SURESH LAXMAN, US
- [71] DONALDSON COMPANY, INC., US
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[21] 3,018,255

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[25] EN

[54] HERBICIDE TOLERANT PROTEIN, CODING GENE THEREOF AND USE THEREOF

[54] PROTEINE TOLERANTE AUX HERBICIDES, GENE CODANT ET SON UTILISATION

[72] XIE, XIANGTING, CN

[72] TAO, QING, CN

[72] BAO, XIAOMING, CN

[71] BEIJING DABEINONG TECHNOLOGY GROUP CO., LTD., CN

[71] BEIJING DABEINONG BIOTECHNOLOGY CO., LTD., CN

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[86] 2016-12-09 (PCT/CN2016/109176)

[87] (WO2017/161921)

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[54] ANTIPERSPIRANT STICK IN THE FORM OF A O/W EMULSION

[54] STICK ANTITRANSPIRANT SOUS FORME D'EMULSION HUILE DANS L'EAU

[72] OELRICHHS, ILKA, DE

[72] SCHECKER, FRANZiska, DE

[72] HALLMANN, MARITA, DE

[71] BEIERSDORF AG, DE

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[30] DE (10 2016 204 685.3) 2016-03-22

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[13] A1

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[54] WATER RESISTANT TOTE BOX

[54] BAC DE MANUTENTION RESISTANT A L'EAU

[72] DUNLAP, RICHARD, US

[71] DUNLAP, RICHARD, US

[85] 2018-09-18

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[87] (WO2017/177116)

[30] US (62/319,649) 2016-04-07

[21] 3,018,259

[13] A1

[51] Int.Cl. H04B 7/04 (2017.01) H04W 72/08 (2009.01) H04W 72/10 (2009.01)

[25] EN

[54] ELECTRONIC DEVICE AND WIRELESS COMMUNICATION METHOD IN WIRELESS COMMUNICATION SYSTEM

[54] DISPOSITIF ELECTRONIQUE ET PROCEDE DE COMMUNICATION SANS FIL DANS UN SYSTEME DE COMMUNICATION SANS FIL

[72] HU, BINGSHAN, CN

[72] SUN, CHEN, CN

[71] SONY CORPORATION, JP

[85] 2018-09-19

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[30] CN (201610202724.3) 2016-04-01

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[51] Int.Cl. A61B 5/01 (2006.01) A61B 5/11 (2006.01)

[25] EN

[54] METHOD AND APPARATUS FOR MONITORING URINATION OF A SUBJECT

[54] PROCEDE ET APPAREIL POUR SURVEILLER LA Miction CHEZ UN SUJET

[72] BULUT, MURTAZA, NL

[71] KONINKLIJKE PHILIPS N.V., NL

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[86] 2017-03-14 (PCT/EP2017/055882)

[87] (WO2017/162465)

[30] EP (16162252.7) 2016-03-24

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[13] A1

[51] Int.Cl. B66F 11/04 (2006.01) B66C 1/40 (2006.01) B66C 13/16 (2006.01) B66C 15/06 (2006.01) B66C 23/66 (2006.01) B66F 17/00 (2006.01)

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[54] PLATFORM LOAD SENSING SYSTEM

[54] SYSTEME DE DETECTION DE CHARGE DE PLATEFORME

[72] MESSENGER, JOHN E., US

[72] ADDLEMAN, JEFFREY LYNN, US

[72] WALTZ, TIMOTHY MARK, US

[72] YOUNG, TROY, US

[71] JLG INDUSTRIES, INC., US

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[72] SPANJAARD, REMCO A., US

[71] ARTEMIS BIOSYSTEMS, INC., US

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[54] DISPOSITIF ELECTRONIQUE, PROCEDE APPLIQUE A UN DISPOSITIF ELECTRONIQUE ET DISPOSITIF DE TRAITEMENT DE DONNEES
[72] XU, JIN, CN
[72] GAO, CHENG, CN
[72] LIU, SIQI, CN
[72] SUN, CHEN, CN
[71] SONY CORPORATION, JP
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[54] DISPOSITIFS A COLORANTS POLYMERES MULTIPLEX ET LEURS METHODES D'UTILISATION
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[72] MAMO, SHUMEYE, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] PROCEDE DE PRODUCTION DE SULFATE DE POTASSIUM SOLUBLE
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[72] WHITE, NICOLAS, FR
[72] CLAEYS, AURELIEN, BE
[72] MAERTENS, FAYE, BE
[71] TESSENDERLO GROUP N.V./SA, BE
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[54] INHIBITEURS D'EZH2 ET LEURS UTILISATIONS
[72] BRADNER, JAMES E., US
[72] PAULK, JOSHIWA, US
[72] QI, JUN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[25] EN
[54] ELECTRONIC DEVICE, INFORMATION PROCESSING APPARATUS, AND INFORMATION PROCESSING METHOD
[54] DISPOSITIF ELECTRONIQUE, APPAREIL DE TRAITEMENT D'INFORMATIONS ET PROCEDE DE TRAITEMENT D'INFORMATIONS
[72] HU, BINGSHAN, CN
[72] SUN, CHEN, CN
[71] SONY CORPORATION, JP
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[54] PROTEINES DE LIAISON A ALK7 ET LEURS UTILISATIONS
[72] KNOPF, JOHN, US
[72] BELK, JONATHAN, US
[72] SHARKEY, NATHAN J., US
[72] KUMAR, RAVINDRA, US
[72] GRINBERG, ASYA, US
[72] SAKO, DIANNE, US
[72] CASTONGUAY, ROSELYNE, US
[72] DAGON, YOSSI, US
[71] ACCELERON PHARMA INC., US
[71] ADIMAB, LLC, US
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[54] INSTALLATION DE GALVANISATION A CHAUD ET PROCEDE DE GALVANISATION A CHAUD
[72] PINGER, THOMAS, DE
[72] BAUMGURTEL, LARS, DE
[71] FONTAINE HOLDINGS NV, BE
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[54] BENZO[B]FURANES EN TANT QU'INHIBITEURS DE BROMODOMAINE

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[72] DEMONT, EMMANUEL HUBERT, GB
[72] HARRISON, LEE ANDREW, GB
[72] PRESTON, ALEXANDER G., GB
[72] SEAL, JONATHAN THOMAS, GB
[72] WALL, IAN DAVID, GB
[72] WATSON, ROBERT J., GB
[72] WOOLVEN, JAMES MICHAEL, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[54] CORPS DE LIAISON, SEGMENT ANNULAIRE DE TOUR D'EOLIENNE ET PROCEDE DE LIAISON DE DEUX SEGMENTS ANNULAIRES DE TOUR D'EOLIENNE

[72] WHITE, WAYNE, DE
[71] WOBKEN PROPERTIES GMBH, DE
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[72] DROTT, JOHAN, SE
[72] DROTT, KRISTINA, SE
[72] ULVENLUND, STEFAN, SE
[72] SALOMONSSON, CATHARINA, SE
[71] VALCURIA AB, SE
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[72] MALCOLM, THOMAS, US
[71] EXCISION BIOTHERAPEUTICS, INC., US
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[72] PISAREV, ALEXEY, SG
[72] PISAREV, VLADIMIR, RU
[71] POWERDOT, INC., US
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[72] HORHOTA, ALLEN, US
[71] PFIZER INC., US
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[54] COMPOSITIONS ET METHODES DE TRAITEMENT CONTRE LES VIRUS LYTIQUES ET LYSOGENES
[72] MALCOLM, THOMAS, US
[71] EXCISION BIOTHERAPEUTICS, INC., US
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[54] PROTEINE SUMO ET SES UTILISATIONS
[72] COLNAGHI, LUCA, IT
[72] FIORITI, LUANA, IT
[72] LEVINE, AMIR, US
[71] PLICO BIOTECH INC., US
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[54] SYSTEME DE DETECTION D'INCENDIE AVEC MISE A JOUR AUTOMATIQUE DE MICROPROGRAMME
[72] FARLEY, ROBERT W., US
[72] OGIER, JAMES, US
[72] ZAAUR, SHACHAK, US
[71] TYCO FIRE & SECURITY, GMBH, CH
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[54] COURONNE DE DIFFERENTIEL EQUIPEE D'UNE CIBLE DE MESURE DE SA VITESSE DE ROTATION ET AGENCEMENT DANS UNE BOITE DE VITESSES
[72] POMMIES, LAURENT, FR
[72] DA SILVA, PAULO, FR
[71] NISSAN MOTOR CO., LTD., JP
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[72] FARLEY, ROBERT W., US
[72] OGIER, JAMES, US
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[71] TYCO FIRE & SECURITY, GMBH, CH
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[72] WECHSLER, AHARON, IL
[71] REGENTIS BIOMATERIALS LTD., IL
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[54] PROCEDES POUR TRANSFECTER DES PLANTES ET REDUIRE LES EVENEMENTS D'INTEGRATION ALEATOIRE
[72] TIJSTERMAN, MARCEL, NL
[72] VAN KREGTEN, MAARTJE, NL
[72] HOOYKAAS, PAUL, NL
[71] UNIVERSITEIT LEIDEN, NL
[71] ACADEMISCH ZIEKENHUIS LEIDEN H.O.D.N. LUMC, NL
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[54] COMPOSITION MEDICINALE POUR LE TRAITEMENT DE LA FIBROSE
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[72] MIZUGUCHI, HIROYUKI, JP
[71] OSAKA UNIVERSITY, JP
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[54] TRAITEMENT DU CANCER A L'AIDE D'ANTIGENES DE RAPPEL LIVRES PAR DES BACTERIES ATTENUEES
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[71] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US
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[54] COMPOSITION A BASE D'OXYDE DE CALCIUM
[72] BURGE, CHRISTIAN, CH
[72] MADER, GILBERT, CH
[72] WOMBACHER, FRANZ, CH
[71] SIKA TECHNOLOGY AG, CH
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- [54] DISPOSITIF D'ESPACEMENT AUTOMATIQUE DE TIGES DE POMPAGE
- [72] JOHNSON, MICHAEL ERIC, US
- [72] EWING, DONALD, US
- [72] JOHNSON, DONALD MIKE, US
- [72] BOYD, JOE, US
- [72] USELTON, DANNY, US
- [71] TRC SERVICES, INC., US
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- [25] EN
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- [54] REGENERATION D'UN CATALYSEUR LIQUIDE IONIQUE PAR HYDROGENATION A L'AIDE D'UN CATALYSEUR DE METAL NOBLE MACROPOREUX
- [72] TIMKEN, HYE KYUNG CHO, US
- [72] JOHNS, JEFF, US
- [72] BHADURI, RAHUL SHANKAR, US
- [72] DUMA, VIOREL, US
- [72] HEYSE, JOHN V., US
- [71] CHEVRON U.S.A. INC., US
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- [54] ENCEINTE A INSONORISATION ET A REFROIDISSEMENT
- [72] PAGENKOPF, KENNETH EDWARD, US
- [71] HUBBELL INCORPORATED, US
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- [54] PORTE-BOUTEILLES MODULAIRE
- [72] DUNN, STEVEN BRYAN, US
- [72] HATHERILL, MARK A., US
- [72] KANG, YONG SUN SIMON, US
- [72] TEBBE, MARK GERARD, US
- [71] MUNCHKIN, INC., US
- [85] 2018-09-19
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- [54] GENERATION IN SITU D'UN FLUIDE DE FORAGE A BASE DE NANO-ARGILE
- [72] AL-YAMI, ABDULLAH SALEH HUSSAIN, SA
- [72] WAGLE, VIKRANT BHAVANISHANKAR, SA
- [72] ALABDULLATIF, ZIAD ABDULLRAHMAN SALEH, SA
- [72] ALMASSI, FARAMAK, SA
- [72] BUBSHAIT, ABDULAZIZ S., SA
- [72] AL SAFRAN, ALI MOHAMMED HUSSAIN, SA
- [71] SAUDI ARABIAN OIL COMPANY, SA
- [85] 2018-09-19
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- [25] EN
- [54] THERMAL RECUPERATION METHODS, SYSTEMS, AND DEVICES
- [54] PROCEDES, SYSTEMES, ET DISPOSITIFS DE RECUPERATION THERMIQUE
- [72] MUREN, RUSSELL, US
- [72] ERICKSON, LUKE, US
- [71] REBOUND TECHNOLOGIES, INC., US
- [85] 2018-09-19
- [86] 2017-03-21 (PCT/US2017/023356)
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 - [54] UNMANNED AIRCRAFT SYSTEMS AND METHODS OF ASSEMBLY
 - [54] SYSTEMES D'AERONEF SANS PILOTE ET PROCEDES D'ASSEMBLAGE
 - [72] THOMPSON, JOHN P., US
 - [72] HIGH, DONALD R., US
 - [72] JONES, NATHAN G., US
 - [71] WALMART APOLLO, LLC, US
 - [85] 2018-09-19
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- [54] METHOD AND SYSTEM FOR RECORDING POINT TO POINT TRANSACTION PROCESSING
- [54] PROCEDE ET SYSTEME D'ENREGISTREMENT DE TRAITEMENT DE TRANSACTION POINT A POINT
- [72] LUGLI, PETER, A., US
- [72] MATTINGLY, TIMOTHY, WARREN, US
- [72] JULIANO, DAN, US
- [71] MASTERCARD INTERNATIONAL INCORPORATED, US
- [85] 2018-09-19
- [86] 2017-03-21 (PCT/US2017/023360)
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 - [54] COMPOSITIONS ALIMENTAIRES STABLES AU STOCKAGE
 - [72] LEWIS, DEBORAH, AU
 - [72] LEWIS, DAVID, AU
 - [71] BYRON FOOD SCIENCE PTY LIMITED, AU
 - [85] 2018-09-19
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- [54] RECONNAISSANCE D'EMOTION AFIN DE METTRE EN CORRESPONDANCE DES AGENTS D'ASSISTANCE AVEC DES CLIENTS
- [72] EFTEKHARI, AMIR, US
- [72] CARPIO, ALIZA, US
- [72] ELWELL, JOSEPH, US
- [72] O'MALLEY, DAMIEN, US
- [71] INTUIT INC., US
- [85] 2018-09-19
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- [25] EN
- [54] T-CELL EXHAUSTION STATE-SPECIFIC GENE EXPRESSION REGULATORS AND USES THEREOF
- [54] REGULATEURS DE L'EXPRESSION GENIQUE SPECIFIQUES A L'ETAT D'EPUISEMENT DES LYMPHOCYTES T ET LEURS UTILISATIONS
- [72] HAINING, WILLIAM NICHOLAS, US
- [72] SEN, DEBATTAMA, US
- [72] WHERRY, E. JOHN, US
- [72] YOSEF, NIR, US
- [72] KAMINSKI, JAMES, US
- [72] HAINING, WILLIAM NICHOLAS, US
- [72] SEN, DEBATTAMA, US
- [72] WHERRY, E. JOHN, US
- [72] YOSEF, NIR, US
- [72] KAMINSKI, JAMES, US
- [72] PAUKEN, KRISTEN, US
- [71] DANA-FARBER CANCER INSTITUTE, INC., US
- [71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
- [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
- [71] HAINING, WILLIAM NICHOLAS, US
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[25] EN
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[54] SYSTEME DE FACILITATION DE TRANSPORT SERVANT A CONFIGURER UN VEHICULE DE SERVICE POUR UN UTILISATEUR
[72] ZYCH, NOAH, US
[72] DONNELLY, RICHARD, US
[72] RANDER, PETER, US
[71] UBER TECHNOLOGIES, INC., US
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[30] US (15/089,402) 2016-04-01
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[54] STORAGE CONTAINER WITH SPOUT
[54] CONTENANT DE STOCKAGE AVEC BEC VERSEUR
[72] HUDSON, RICHARD D., US
[72] JOHNSON, JAMES J., US
[72] MORALES, GUSTAVO A., US
[72] GOODWIN, EDWARD RAY, JR., US
[72] LAMBERTSON, MICHAEL C., JR., US
[72] BUCKEL, CHARLES T., JR., US
[71] THE SHERWIN-WILLIAMS COMPANY, US
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[54] PROCEDES D'AMELIORATION DE L'INDICE THERAPEUTIQUE D'UN MEDICAMENT CHIMIOTHERAPEUTIQUE
[72] MARKOVIC, SVETOMIR N., US
[72] NEVALA, WENDY K., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[86] 2017-03-21 (PCT/US2017/023442)
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[25] EN
[54] METHODS FOR REDUCING TOXICITY OF A CHEMOTHERAPEUTIC DRUG
[54] PROCEDES DE REDUCTION DE LA TOXICITE D'UN MEDICAMENT CHIMIOTHERAPEUTIQUE
[72] MARKOVIC, SVETOMIR N., US
[72] NEVALA, WENDY K., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[30] US (62/311,327) 2016-03-21

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[54] COLLAPSIBLE PET CARRIER
[54] DISPOSITIF DE TRANSPORT PLIABLE POUR ANIMAL DE COMPAGNIE
[72] TORRES, LAURA, US
[71] TORRES, LAURA, US
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[30] US (62/311,549) 2016-03-22

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[54] AGENCEMENT DE CRISTAUX LIQUIDES COMMUTABLES A FAIBLE VOILE EN VUE D'UNE UTILISATION DANS UNE FENETRE COMMUTABLE OU AUTRE
[72] VEERASAMY, VIJAYEN S., US
[71] GUARDIAN GLASS, LLC, US
[85] 2018-09-19
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 - [54] AGONISTES DU RECEPTEUR DU NEUROPEPTIDE S (NPSR)
 - [72] RUNYON, SCOTT, US
 - [72] HASSSLER, CARLA, US
 - [72] SHINER, CRAIG, US
 - [72] NARAYANAN, SANJU, US
 - [71] RESEARCH TRIANGLE INSTITUTE, US
 - [85] 2018-09-19
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- [54] ANTAGONISTES DERIVES DU MANNOSE DE FIMH UTILES POUR LE TRAITEMENT D'UNE MALADIE
- [72] JANETKA, JAMES, W., US
- [72] MYDOCK-MCGRANE, LAUREL, US
- [71] FIMBRION THERAPEUTICS, INC., US
- [85] 2018-09-19
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- [54] 6-HYDROXY-4-OXO-1,4-DIHYDROPRIMIDINE-5-CARBOXAMIDES UTILISES EN TANT QU'AGONISTES DE L'APJ

- [72] PI, ZULAN, US
- [72] BILDER, DONNA M, US
- [72] BRIGANCE, ROBERT PAUL, US
- [72] FINLAY, HEATHER, US
- [72] JIANG, WEN, US
- [72] JOHNSON, JAMES A., US
- [72] LAWRENCE, R. MICHAEL, US
- [72] MENG, WEI, US
- [72] MYERS, MICHAEL C., US
- [72] PHILLIPS, MONIQUE, US
- [72] TORA, GEORGE O., US
- [72] ZHANG, XIAOJUN, US
- [71] BRISTOL-MYERS SQUIBB COMPANY, US
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 - [25] EN
 - [54] NEGATIVE ALLOSTERIC MODULATORS OF MGLUR5 FOR USE IN THE TREATMENT OF MATURE BRAIN DAMAGES
 - [54] MODULATEURS ALLOSTERIQUES NEGATIFS DE MGLUR5 UTILES DANS LE TRAITEMENT DE LESIONS DU CERVEAU MATURE
 - [72] SJOLUND, CARIN, SE
 - [72] BEIRUP, KERSTIN, SE
 - [72] RUSCHER, KARSTEN, SE
 - [72] OLSSON, ROGER, SE
 - [72] WIELOCH, TADEUSZ, SE
 - [71] SINNTAXIS AB, SE
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- [54] SYSTEME DE FILTRE A AIR REUTILISABLE ET PROCEDE CORRESPONDANT
- [72] WALL, JERE JAMES, US
- [72] WILLIAMS, STEVE, US
- [71] K&N ENGINEERING, INC., US
- [71] WALL, JERE JAMES, US
- [71] WILLIAMS, STEVE, US
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[54] SYSTEMES ET PROCEDES INFORMATIQUES PERMETTANT DE FOURNIR UNE VISUALISATION D'UN EVENEMENT D'ACTIF ET DE DONNEES DE SIGNAL

[72] RADKIEWICZ, JACOB, US

[72] BRENDLER, RALPH, US

[72] SIMPSON, MOLLI, US

[71] UPTAKE TECHNOLOGIES, INC., US

[85] 2018-09-19

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[87] (WO2017/165880)

[30] US (62/313,560) 2016-03-25

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[25] EN

[54] COMPUTER SYSTEMS AND METHODS FOR CREATING ASSET-RELATED TASKS BASED ON PREDICTIVE MODELS

[54] SYSTEMES ET PROCEDES INFORMATIQUES POUR CREER DES TACHES LIEES A DES ACTIFS EN FONCTION DE MODELES PREDICTIFS

[72] MCELHINNEY, ADAM, US

[72] HORRELL, MICHAEL, US

[72] LIANG, DENNIS, US

[71] UPTAKE TECHNOLOGIES, INC., US

[85] 2018-09-19

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[51] Int.Cl. A61M 16/10 (2006.01) A61M 16/00 (2006.01) A61M 16/04 (2006.01) C01B 21/00 (2006.01) C01B 21/20 (2006.01)

[25] EN

[54] DELIVERY SYSTEMS AND METHODS FOR ELECTRIC PLASMA SYNTHESIS OF NITRIC OXIDE

[54] SYSTEMES DE FOURNITURE ET PROCEDES DE SYNTHESE DE MONOXYDE D'AZOTE PAR PLASMA ELECTRIQUE

[72] ZAPOL, WARREN, US

[72] BLAESI, ARON, US

[72] YU, BINGLAN, US

[72] HICKCOX, MATT, US

[71] THE GENERAL HOSPITAL CORPORATION, US

[85] 2018-09-19

[86] 2017-03-27 (PCT/US2017/024331)

[87] (WO2017/165888)

[30] US (62/313,529) 2016-03-25

[21] 3,018,381

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[25] EN

[54] SYSTEM AND METHOD FOR LOCATING, IDENTIFYING AND COUNTING ITEMS

[54] SYSTEME ET PROCEDE DE LOCALISATION, D'IDENTIFICATION ET DE COMPTAGE D'ELEMENTS

[72] SKAFF, SARJOUN, US

[72] TAYLOR, JONATHAN DAVIS, US

[72] WILLIAMS, STEPHEN VINCENT, US

[72] DUBE, SIMANT, US

[71] BOSSA NOVA ROBOTICS IP, INC., US

[85] 2018-09-19

[86] 2017-03-28 (PCT/US2017/024559)

[87] (WO2017/172782)

[30] US (62/314,785) 2016-03-29

[30] US (62/427,509) 2016-11-29

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[54] RECEPTEURS ANTIGENIQUES CHIMERIQUES CIBLANT LE CANCER

[72] CHAUDHARY, PREET M., US

[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US

[85] 2018-09-19

[86] 2017-03-29 (PCT/US2017/024843)

[87] (WO2017/172981)

[30] US (62/314,864) 2016-03-29

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[21] 3,018,386
[13] A1

[51] Int.Cl. G21C 1/22 (2006.01) G21C 3/24 (2006.01) G21C 3/54 (2006.01)
[25] EN
[54] MOLTEN FUEL NUCLEAR REACTOR WITH NEUTRON REFLECTING COOLANT
[54] REACTEUR NUCLEAIRE A COMBUSTIBLE FONDU DOTE D'UN LIQUIDE DE REFROIDISSEMENT REFLECHISSANT LES NEUTRONS
[72] CHEATHAM, JESSE R., III, US
[72] Czerwinski, Ken, US
[72] EL-DASHER, BASSEM S., US
[72] KERLIN, WILLIAM M., US
[72] PETROSKI, ROBERT C., US
[72] WALTER, JOSHUA C., US
[72] ABBOT, RYAN JR., US
[72] CISNEROS, ANSELMO T., JR., US
[72] FLOWERS, DAN, US
[72] FREEMAN, CHARLES GREGORY, US
[72] HAVSTAD, MARK A., US
[72] JOHNS, CHRISTOPHER J., US
[72] KELLEHER, BRIAN C., US
[72] KRAMER, KEVIN, US
[72] LATKOWSKI, JEFFERY F., US
[72] MCWHIRTER, JON D., US
[71] TERRAPOWER, LLC, US
[85] 2018-09-19
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[87] (WO2017/192607)
[30] US (62/330,726) 2016-05-02

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[51] Int.Cl. A61B 8/00 (2006.01) H01L 41/00 (2013.01) H02N 2/00 (2006.01)
[25] EN
[54] MULTILEVEL BIPOLAR PULSER
[54] GENERATEUR D'IMPULSIONS BIPOLAIRE MULTINIVEAU
[72] CHEN, KAILIANG, US
[72] RALSTON, TYLER S., US
[72] FIFE, KEITH G., US
[71] BUTTERFLY NETWORK, INC., US
[85] 2018-09-19
[86] 2017-03-31 (PCT/US2017/025249)
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[51] Int.Cl. G21C 3/54 (2006.01) G21C 1/22 (2006.01) G21C 17/06 (2006.01)
[25] EN
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[54] SELS COMBUSTIBLES NUCLEAIRES
[72] Czerwinski, Ken, US
[72] EL-DASHER, BASSEM S., US
[72] KERLIN, WILLIAM M., US
[72] KRAMER, KEVIN, US
[72] LATKOWSKI, JEFFERY F., US
[72] PETROSKI, ROBERT C., US
[72] WALTER, JOSHUA C., US
[72] CISNEROS, ANSELMO T., JR., US
[72] KELLEHER, BRIAN C., US
[71] TERRAPOWER, LLC, US
[85] 2018-09-19
[86] 2017-05-02 (PCT/US2017/030672)
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[30] US (62/330,695) 2016-05-02

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[51] Int.Cl. C07C 67/02 (2006.01) C07C 31/04 (2006.01) C07C 51/285 (2006.01) C07C 51/31 (2006.01) C07C 53/02 (2006.01) C07C 53/08 (2006.01) C07C 59/185 (2006.01) C07C 69/06 (2006.01) C07C 69/14 (2006.01) C07C 69/40 (2006.01) C07C 69/716 (2006.01) C07D 307/48 (2006.01) C07D 307/50 (2006.01)

[25] EN
[54] CATALYTIC CONVERSION OF LIGNOCELLULOSIC BIOMASS INTO INDUSTRIAL BIOCHEMICALS

[54] CONVERSION CATALYTIQUE D'UNE BIOMASSE LIGNOCELLULOIQUE EN AGENTS BIOCHIMIQUES INDUSTRIELS
[72] LE VAN MAO, RAYMOND, CA
[71] LES EXPLOITATIONS J.Y.B. PAPINEAU INC., CA
[85] 2018-09-20
[86] 2017-03-22 (PCT/CA2017/050361)
[87] (WO2017/161452)
[30] US (62/312,732) 2016-03-24

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[25] EN
[54] MEDICAL DEVICES FOR DELIVERING PLUGS TO Voids
[54] DISPOSITIFS MEDICAUX POUR LA DISTRIBUTION DE BOUCHONS DANS DES VIDÉS
[72] LAMPROPOULOS, FRED, US
[72] MOTTOLA, JIM, US
[72] JENKINS, RICHARD P., US
[72] MCARTHUR, GREGORY R., US
[72] SYKES, KENNETH, US
[72] GARCIA, MARK, US
[71] MERIT MEDICAL SYSTEMS, INC., US
[85] 2018-09-19
[86] 2017-03-31 (PCT/US2017/025565)
[87] (WO2017/173378)
[30] US (62/317,093) 2016-04-01
[30] US (62/317,725) 2016-04-04
[30] US (62/325,792) 2016-04-21
[30] US (62/429,513) 2016-12-02

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[51] Int.Cl. H04L 5/00 (2006.01) H04W 72/04 (2009.01) H04L 27/26 (2006.01)
[25] EN
[54] INFORMATION PROCESSING METHOD, TERMINAL DEVICE, NETWORK DEVICE, AND COMMUNICATIONS SYSTEM
[54] PROCEDE DE TRAITEMENT D'INFORMATIONS, DISPOSITIF TERMINAL, DISPOSITIF DE RESEAU ET SYSTEME DE COMMUNICATION
[72] LI, CHAOJUN, CN
[72] WU, ZUOMIN, CN
[72] SHAO, JIAFENG, CN
[72] ZHANG, YUNJI, CN
[72] MA, SHA, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-09-20
[86] 2016-03-30 (PCT/CN2016/077931)
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- [25] EN
- [54] VORTIOXETINE PAMOIC ACID SALT AND CRYSTAL FORM THEREOF
- [54] SEL D'ACIDE PAMOIQUE DE VORTIOXETINE ET SA FORME CRISTALLINE
- [72] LI, YUNFEI, CN
- [72] XIA, XIAOER, CN
- [72] XU, XIN, CN
- [72] ZHANG, ZHEN, CN
- [72] LIU, LEI, CN
- [72] ZHANG, XIAOJUAN, CN
- [72] ZHANG, LIMING, CN
- [72] LI, DONGSHENG, CN
- [72] WANG, YIJIN, CN
- [72] GE, JIAN, CN
- [71] SHANGHAI SYNERGY PHARMACEUTICAL SCIENCES CO., LTD, CN
- [85] 2018-09-20
- [86] 2017-03-28 (PCT/CN2017/078427)
- [87] (WO2017/167180)
- [30] CN (201610187639.4) 2016-03-29

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[13] A1

- [51] Int.Cl. H02J 3/36 (2006.01) H02H 3/06 (2006.01) H02H 7/26 (2006.01)
- [25] EN
- [54] METHOD AND SYSTEM FOR FAULT POSITIONING AND RECOVERY OF VOLTAGE SOURCE CONVERTER
- [54] PROCEDE ET SYSTEME DE LOCALISATION ET DE RECUPERATION DE DEFAILLANCE D'UN CONVERTISSEUR DE SOURCE DE TENSION
- [72] LI, GANG, CN
- [72] LU, YU, CN
- [72] HU, ZHAOQING, CN
- [72] TIAN, JIE, CN
- [72] DONG, YUNLONG, CN
- [72] JIANG, TIANGUI, CN
- [72] LI, HAIYING, CN
- [72] FENG, YADONG, CN
- [72] WANG, KE, CN
- [72] LU, JIANG, CN
- [72] SUI, SHUNKE, CN
- [72] WANG, HUI, CN
- [72] WANG, NANNAN, CN
- [71] NR ENGINEERING CO., LTD, CN
- [71] NR ELECTRIC CO., LTD, CN
- [85] 2018-09-20
- [86] 2017-04-25 (PCT/CN2017/081890)
- [87] (WO2017/190608)
- [30] CN (201610294949.6) 2016-05-05

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- [51] Int.Cl. H05K 3/12 (2006.01) B05D 1/12 (2006.01) B05D 3/06 (2006.01) H05K 3/18 (2006.01)
- [25] EN
- [54] METHOD FOR SOLVENT-FREE PRINTING CONDUCTORS ON SUBSTRATE
- [54] PROCEDE D'IMPRESSION SANS SOLVANT DE CONDUCTEURS SUR UN SUBSTRAT
- [72] YANG, JUN, CN
- [72] ZHANG, TENGYUAN, CN
- [72] GUO, QIUQUAN, CN
- [71] YANG, JUN, CN
- [85] 2018-09-20
- [86] 2017-03-07 (PCT/CN2017/075849)
- [87] (WO2017/162020)
- [30] US (62/311,872) 2016-03-22

[21] 3,018,406

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- [51] Int.Cl. C12Q 1/68 (2018.01)
- [25] EN
- [54] DIAGNOSTIC AND THERAPEUTIC METHODS FOR CANCER
- [54] PROCEDES DIAGNOSTIQUES ET THERAPEUTIQUES RELATIFS AU CANCER
- [72] KIROUAC, DANIEL CHRISTOPHER, US
- [72] WAGLE, MARIE-CLAIRES, US
- [72] HUANG, SHIH-MIN, US
- [71] GENENTECH, INC., US
- [85] 2018-09-19
- [86] 2017-04-11 (PCT/US2017/026941)
- [87] (WO2017/180581)
- [30] US (62/323,210) 2016-04-15

[21] 3,018,407

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- [51] Int.Cl. E03C 1/04 (2006.01)
- [25] EN
- [54] VIA HOLE MOUNTING APPARATUS
- [54] APPAREIL DE MONTAGE DE TROU DE RACCORDEMENT
- [72] PEI, SHANGZU, CN
- [72] SU, BAOJI, CN
- [71] FLOWTECH KITCHEN & BATHROOM TECHNOLOGY CO., LTD, CN
- [85] 2018-09-20
- [86] 2017-05-23 (PCT/CN2017/085543)
- [87] (WO2017/206765)
- [30] CN (201610373377.0) 2016-05-30
- [30] CN (201720544340.X) 2017-05-16

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- [51] Int.Cl. H04L 9/32 (2006.01)
- [25] EN
- [54] IDENTITY REGISTRATION METHOD AND DEVICE
- [54] PROCEDE ET DISPOSITIF D'ENREGISTREMENT D'IDENTITE
- [72] MENG, FEI, CN
- [71] ALIBABA GROUP HOLDING LIMITED, KY
- [85] 2018-09-20
- [86] 2017-03-20 (PCT/CN2017/077247)
- [87] (WO2017/162112)
- [30] CN (201610180030.4) 2016-03-25

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[21] 3,018,410

[13] A1

- [51] Int.Cl. G01N 3/08 (2006.01)
 - [25] EN
 - [54] **METHOD FOR DETERMINING PHYSICAL SIMILARITY SIMULATION MATERIAL OF SOLID BACKFILL BODY**
 - [54] **PROCEDE DE DETERMINATION D'UN MATERIAU DE SIMULATION SIMILAIRE PHYSIQUE D'UN CORPS DE REMPLISSAGE SOLIDE**
 - [72] ZHANG, JIXIONG, CN
 - [72] HAN, XIAOLE, CN
 - [72] ZHANG, QIANG, CN
 - [72] LAN, LIXIN, CN
 - [72] CHEN, YADONG, CN
 - [72] TAI, YANG, CN
 - [71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
 - [71] XUZHOU ZHONAN SCIENCE & TECHNOLOGY CO., LTD, CN
 - [85] 2018-09-20
 - [86] 2017-11-16 (PCT/CN2017/111280)
 - [87] (WO2018/166230)
 - [30] CN (201710156494.6) 2017-03-16
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[13] A1

- [51] Int.Cl. G05D 1/02 (2006.01) G05B 19/418 (2006.01)
- [25] EN
- [54] **METHOD FOR OPERATING A PRODUCTION PLANT, AND PRODUCTION PLANT**
- [54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE INSTALLATION DE PRODUCTION ET INSTALLATION DE PRODUCTION**
- [72] SODER, JOHANN, DE
- [71] SEW-EURODRIVE GMBH & CO. KG, DE
- [85] 2018-09-20
- [86] 2017-03-28 (PCT/EP2017/025066)
- [87] (WO2017/182134)
- [30] DE (10 2016 004 882.4) 2016-04-22

[21] 3,018,413

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- [51] Int.Cl. B60J 1/00 (2006.01) B60J 1/20 (2006.01)
 - [25] EN
 - [54] **PROTECTIVE WINDSCREEN ARRANGEMENT**
 - [54] **SISTÈME DE PARE-PRISE PROTECTEUR**
 - [72] ANDERSSON, PETER, SE
 - [72] KROOK, FREDRIK, SE
 - [72] SVENSSON, KENNETH, SE
 - [71] HAMMERGLASS AB, SE
 - [85] 2018-09-20
 - [86] 2017-02-16 (PCT/EP2017/053446)
 - [87] (WO2017/140751)
 - [30] EP (16155922.4) 2016-02-16
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[21] 3,018,414

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- [51] Int.Cl. G01B 11/24 (2006.01) G01N 21/88 (2006.01)
- [25] EN
- [54] **METHOD FOR MEASURING THE AXIAL RUNOUT OF A PLANE SURFACE OF A WORKPIECE WITH RESPECT TO AN AXIS OF ROTATION, AND CORRESPONDING MEASURING ASSEMBLY**

- [54] **PROCEDE DE MESURE DU VOILEAGE AXIAL D'UNE SURFACE PLANE D'UNE PIÈCE A USINER PAR RAPPORT A UN AXE DE ROTATION, ET ENSEMBLE DE MESURE CORRESPONDANT**
- [72] MALPEZZI, DOMENICO, IT
- [72] ROSSI, ALESSANDRO, IT
- [71] MARPOSS SOCIETA' PER AZIONI, IT
- [85] 2018-09-20
- [86] 2017-03-20 (PCT/EP2017/056493)
- [87] (WO2017/162549)
- [30] IT (102016000028955) 2016-03-21

[21] 3,018,415

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- [51] Int.Cl. B23K 20/04 (2006.01) C22C 21/00 (2006.01) C22F 1/043 (2006.01)
 - [25] EN
 - [54] **ALUMINUM COMPOSITE MATERIAL HAVING A CORROSION PROTECTION LAYER**
 - [54] **MATERIAU COMPOSÉ D'ALUMINIUM DOTE D'UNE COUCHE ANTICORROSION**
 - [72] BERMIG, GERHARD, DE
 - [72] EIGEN, NICO, DE
 - [72] JANSEN, HARTMUT, DE
 - [72] MROTZEK, MANFRED, DE
 - [72] SAS, VOLKER, DE
 - [72] SCHLUTER, STEFAN, DE
 - [72] SASS, VOLKER, DE
 - [71] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
 - [85] 2018-09-20
 - [86] 2017-01-04 (PCT/EP2017/050145)
 - [87] (WO2017/182145)
 - [30] EP (16166064.2) 2016-04-19
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- [51] Int.Cl. B65D 51/24 (2006.01) B65D 43/02 (2006.01)
- [25] EN
- [54] **CONTAINER AND LID WITH AUDIBLE AND TACTILE FEEDBACK**
- [54] **CONTENANT ET COUVERCLE A REPONSE AUDIBLE ET TACTILE**
- [72] BERTRAM, JAMES ALEXANDER, GB
- [72] COOP, JAMES ROBERT, GB
- [72] VAN PUFFELEN, ARIE JOHANNES, NL
- [72] TEUCHER, MARK DIGBY, GB
- [72] YOUNOS, OMER BIN, NL
- [71] UNILEVER PLC, GB
- [85] 2018-09-20
- [86] 2017-03-20 (PCT/EP2017/056510)
- [87] (WO2017/162559)
- [30] EP (EP16162470.5) 2016-03-25

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- [51] Int.Cl. B65D 41/04 (2006.01) B65D 51/24 (2006.01)
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 - [54] CONTAINER AND LID WITH AUDIBLE AND TACTILE FEEDBACK
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 - [72] COOP, JAMES ROBERT, GB
 - [72] VAN PUFFELEN, ARIE JOHANNES, NL
 - [72] TEUCHER, MARK DIGBY, GB
 - [72] YOUNOS, OMER BIN, NL
 - [71] UNILEVER PLC, GB
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 - [54] NOUVEAUX DERIVES ET LEUR UTILISATION COMME INHIBITEURS SELECTIFS DE LA CASPASE-2
 - [72] JACOTOT, ETIENNE, FR
 - [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
 - [71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
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 - [54] COMPOSITION PHARMACEUTIQUE OU VETERINAIRE
 - [72] SAYERS, GEAROID, IE
 - [72] KRUMP, LEA, IE
 - [71] EPSILON LIMITED, IE
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 - [54] DEPLOIEMENT DE NUAGE HYBRIDE DESTINE A DES COMMUNICATIONS UNIFIEES HYBRIDES
 - [72] LI, BINGJUN, US
 - [72] MALHOTRA, PANKAJ, US
 - [72] BHIMASENA, DEEPAK M., US
 - [71] MITEL NETWORKS, INC., US
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 - [54] RECIPIENTS ET FILMS EN POLYESTER PRESENTANT UNE PERMEABILITE AUX GAZ REDUITE
 - [72] KAPOOR, RAJAT, US
 - [72] KEZIOS, PETER S., US
 - [72] ROLLEND, GEORGE F., US
 - [71] DAK AMERICAS LLC, US
 - [85] 2018-09-19
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- [72] KOCH, RAINHARD, DE
- [72] ELLINGER, PHILIPP, DE
- [72] JANSEN, NINA, DE
- [72] RAE, STEPHEN, BE
- [72] VAN DER MEEREN, KRISTOF, BE
- [72] CLAUSEN, MARTIN, DE
- [71] BASF SE, DE
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- [72] BANTUG, ANTHONY, US
- [72] MISMAR, WAEL, US
- [72] TAN, KENNETH, US
- [72] ABED, TARK, US
- [72] MARSH, JUSTIN ALLEN, US
- [72] BOGDAN, MARIO, US
- [72] COMISO, SCOTT, US
- [72] SCHRYVER, BRAIN, US
- [71] AMGEN INC., US
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- [54] VEHICULES D'ADMINISTRATION DERIVES DE PROTEINES D'ENROBAGE ADENOVIRALES
- [72] BERGER, IMRE, GB
- [72] GARZONI, FREDERIC, FR
- [72] FENDER, PASCAL, FR
- [71] THE EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
- [71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
- [85] 2018-09-20
- [86] 2017-03-31 (PCT/EP2017/057747)
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- [54] UTILISATION DE COMPLEXES NUCLEOSOME-FACTEUR DE TRANSCRIPTION POUR LA DETECTION DU CANCER
- [72] MICALLEF, JACOB VINCENT, BE
- [72] REIS-FILHO, JORGE, BE
- [71] BELGIAN VOLITION SPRL, BE
- [85] 2018-09-20
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- [54] DEGRADATION DE LA KINASE 9 CYCLINE-DEPENDANTE (CDK9) PAR CONJUGAISON D'INHIBITEURS DE CDK9 AVEC UN LIGAND DE TYPE LIGASE E3 ET LEURS PROCEDES D'UTILISATION
- [72] GRAY, NATHANAEL, US
- [72] ZHANG, TINGHU, US
- [72] OLSON, CALLA M., US
- [72] LIANG, YANKE, US
- [72] KWIATKOWSKI, NICHOLAS, US
- [71] DANA-FARBER CANCER INSTITUTE, INC., US
- [85] 2018-09-19
- [86] 2017-04-21 (PCT/US2017/028924)
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- [25] EN
- [54] NOVEL CAS SYSTEMS AND METHODS OF USE
- [54] NOUVEAUX SYSTEMES CAS ET METHODES D'UTILISATION
- [72] CIGAN, ANDREW MARK, US
- [72] HOU, ZHENGLIN, US
- [72] KING, MATTHEW G., US
- [72] LIN, HAINING, US
- [72] YOUNG, JOSHUA K., US
- [71] PIONEER HI-BRED INTERNATIONAL, INC., US
- [85] 2018-09-19
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[54] PROCEDE DE PREPARATION D'UN FILM A ORIENTATION BIAXIALE ETIRE DE MANIERE SEQUENTIELLE

[72] STEPANYAN, ROMAN, NL

[72] CHEN, HAO, NL

[71] DSM IP ASSETS B.V., NL

[85] 2018-09-20

[86] 2017-04-03 (PCT/EP2017/057828)

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[54] ENSEMBLE D'ENTRAINEMENT DESTINE A UN TRANSPORTEUR MODULAIRE

[72] GABOR, PHILIP MICHAEL, US

[72] STEFANKO, JUSTIN MICHAEL, US

[71] REXNORD INDUSTRIES, LLC, US

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[72] LARSEN, ATLE NORALF, NO

[72] PIOTROWSKI, YVONNE, NO

[72] ASSEFA, NETSANET GIZAW, NO

[72] LANES, OLAV, NO

[71] UNIVERSITETET I TROMSO - NORGE'S ARKTISKE UNIVERSITET, NO

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[30] GB (1604876.1) 2016-03-22

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[25] EN

[54] DEGRADATION OF CYCLIN-DEPENDENT KINASE 4/6 (CDK4/6) BY CONJUGATION OF CDK4/6 INHIBITORS WITH E3 LIGASE LIGAND AND METHODS OF USE

[54] DEGRADATION DE LA KINASE 4/6 CYCLINE-DEPENDANTE (CDK4/6) PAR CONJUGAISON D'INHIBITEURS DE CDK4/6 AVEC UN LIGAND DE TYPE LIGASE E3 ET LEURS PROCÉDÉS D'UTILISATION

[72] GRAY, NATHANAEL, US

[72] ZHANG, TINGHU, US

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[54] ACIDE MONO(2-HYDROXYETHYL)-TEREPHTALIQUE GLYCOSYLE ET ACIDE BIS(2-HYDROXYETHYL)-TEREPHTALIQUE GLYCOSYLE

[72] SEIBEL, JURGEN, DE

[72] TIMM, MALTE, DE

[71] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE

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[25] EN

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[54] UTILISATION DE PIMOBENDANE POUR REDUIRE LA TAILLE DU COEUR ET/OU RETARDER L'APPARITION DE SYMPTOMES CLINIQUES CHEZ DES PATIENTS SOUFFRANT D'INSUFFISANCE CARDIAQUE ASYMPTOMATIQUE DUE A UNE MALADIE DE LA VALVULE MITRALE

[72] SCHUMMER, CHRISTOPH MATTHIAS, DE

[72] JOENS, OLAF, DE

[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE

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[72] CHIANG, PEIJUN, US

[72] MADDIKA, SREENEEL, US

[71] INTUIT INC., US

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- [54] SYSTEMES ET PROCEDES DE GESTION DE MATERIAUX
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- [72] MILLER, ANDREW, AU
- [71] VERTON TECHNOLOGIES AUSTRALIA PTY LTD, AU
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- [25] EN
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- [54] ESTIMATEUR DE PROFONDEUR A MODE DOUBLE
- [72] RIEMENS, ABRAHAM KAREL, NL
- [71] ULTRA-D COOPERATIEF U.A., NL
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- [25] EN
- [54] IMPROVED MOLTEN FUEL REACTOR THERMAL MANAGEMENT CONFIGURATIONS
- [54] CONFIGURATIONS AMELIOREES DE GESTION THERMIQUE DE REACTEUR A COMBUSTIBLE FONDU

- [72] ABBOT, RYAN, US
- [72] CISNEROS, ANSELMO T., US
- [72] FLOWERS, DANIEL, US
- [72] FREEMAN, CHARLES GREGORY, US
- [72] HAVSTAD, MARK A., US
- [72] JOHNS, CHRISTOPHER J., US
- [72] KELLEHER, BRAIN C., US
- [72] KRAMER, KEVIN, US
- [72] LATKOWSKI, JEFFERY F., US
- [72] MCWHIRTER, JON D., US
- [71] TERRAPOWER, LLC, US
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- [87] (WO2017/192463)
- [30] US (62/330,726) 2016-05-02

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- [25] EN
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- [54] PROCEDE DE PRODUCTION D'UN GAZ DE SYNTHESE
- [72] OSTUNI, RAFFAELE, CH
- [72] FILIPPI, ERMANNO, CH
- [71] CASALE SA, CH
- [85] 2018-09-20
- [86] 2017-04-11 (PCT/EP2017/058606)
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- [25] EN
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- [54] AGONISTES CD31SHED A UTILISER DANS LA PREVENTION ET/OU LE TRAITEMENT DE LESION DE REPERFUSION
- [72] CALIGIURI, GIUSEPPINA, FR
- [72] MICHEL, JEAN-BAPTISTE, FR
- [72] NICOLETTI, ANTONINO, FR
- [71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
- [71] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
- [71] UNIVERSITE PARIS 13 - PARIS NORD, FR
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- [54] COUPELLE DE TURBULENCE POUR LE MELANGE DE CARBURANT AVEC L'AIR DANS UN MOTEUR A COMBUSTION
- [72] DOLMANSLEY, TIMOTHY, GB
- [72] HIRD, JAMES, GB
- [71] SIEMENS AKTIENGESELLSCHAFT, DE
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 - [54] SYSTEME DE CASIER AUTOMATISE ET PROCEDE DE LIVRAISON ET D'ENLEVEMENT DE PAQUETS
 - [72] MILLER, STUART, GB
 - [72] BROMWELL, MARK, GB
 - [72] POWELL, DAMIAN, GB
 - [72] MINTO, ROBIN, GB
 - [72] MCMAHON, ANTHONY, GB
 - [72] O'SHAUGHNESSY, PETER, GB
 - [72] FINCH, STEVEN, GB
 - [71] BYBOX HOLDINGS LIMITED, GB
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- [54] DISPOSITIF DE PRODUCTION DE VAPEUR
- [72] NETTENSTROM, MATTHEW JOEL, GB
- [72] LEADLEY, DAVID, GB
- [72] MCKEON, THOMAS MICHAEL, GB
- [71] NICVENTURES HOLDINGS LIMITED, GB
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- [54] SYSTEME DE FOURNITURE DE VAPEUR
- [72] NETTENSTROM, MATTHEW JOEL, GB
- [72] LEADLEY, DAVID, GB
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 - [54] ABSORBEUR DE DIOXYDE DE CARBONE ET PROCEDE DE PRODUCTION D'UN ABSORBEUR DE DIOXYDE DE CARBONE
 - [72] UEDA, KENTARO, JP
 - [72] KISHIMOTO, AKIRA, JP
 - [72] OSHIMA, JUNJI, JP
 - [71] OSAKA GAS CO., LTD., JP
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- [54] SYSTEMES ET PROCEDES DE SURVEILLANCE D'INTEGRITE DE BARRIÈRE DE PUITS
- [72] FARLEY, IAIN, GB
- [72] CHAMPION, BRIAN PHILLIP, GB
- [71] EXPRO NORTH SEA LIMITED, GB
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- [71] NICOVENTURES HOLDINGS LIMITED, GB
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- [54] COMPOSITION MEDICINALE CONTENANT UN FRAGMENT FAB' D'ANTICORPS ANTI-NGF HUMAIN PEG
- [72] YAMAMOTO, AYANO, JP
- [72] CHIKUSHI, AKINORI, JP
- [71] ASTELLAS PHARMA INC., JP
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- [54] SYSTEMES ET PROCEDES DE SIGNALISATION D'INFORMATIONS ASSOCIEES A UN CONTENU AUDIO
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- [72] NG, SHEAU, US
- [72] SEGALL, CHRISTOPHER ANDREW, US
- [71] SHARP KABUSHIKI KAISHA, JP
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- [72] MANZ, PAUL C., US
- [72] MAGNOTTI, PHILLIP J., US
- [72] NGUYEN, DUCTRI H., US
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- [54] VETEMENT POUR SYSTEME DE HARNAIS
- [72] AUTARD, ERIC P., US
- [72] BEYSEL, SABINE, US
- [71] IHC DESIGN, LLC, US
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- [54] VACCIN DE CONJUGUE CIBLANT UNE PROTEINE IN VIVO RESPONSABLE D'UNE AFFECTION
- [72] NAKAGAMI, HIRONORI, JP
- [72] MORISHITA, RYUICHI, JP
- [72] TENMA, AKIKO, JP
- [71] OSAKA UNIVERSITY, JP
- [71] FUNPEP CO., LTD., JP
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- [54] **PROCEDE DE RENOUVELLEMENT DE TOIT POUR INSTALLATION DE MODULE PHOTOVOLTAIQUE A L'AIDE D'UNE MACHINE DE MOUSSAGE A ROULEAU PORTATIVE, ET STRUCTURE DE RENOUVELLEMENT DE TOIT OBTENUE PAR CE PROCEDE**
- [72] YOON, SUKKYU, KR
[71] I-SOLAR ENERGY CO., LTD., KR
[71] YOON, SUKKYU, KR
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- [54] **PROCEDE DE FABRICATION D'UN ARTICLE FORME A LA PRESSE**
- [72] NISHIMURA, RYUICHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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- [54] **SYSTEMES ET PROCEDES D'ENTRETIEN DE PUITS A DISTANCE**
- [72] HERMAN, CHRISTOPHER TAYLOR, US
[72] KAJARIA, SAURABH, US
[72] LIN, JUSTIN KRISTOPHER, US
[72] FULLER, TIMOTHY, US
[71] GE OIL & GAS PRESSURE CONTROL LP, US
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- [54] **METHOD FOR PRODUCING 5-(BROMOMETHYL)-1-BENZOTHIOPHENE**
- [54] **PROCEDE DE PRODUCTION DE 5-(BROMOMETHYL)-1-BENZOTHIOPHENE**
- [72] ISHIHARA, KENTARO, JP
[72] ARAI, TSUYOSHI, JP
[71] TOYAMA CHEMICAL CO. LTD., JP
[71] FUJIFILM CORPORATION, JP
[85] 2018-09-20
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- [54] **SISTÈME GÉNÉRATEUR D'IMPULSIONS FAVORISANT L'ACTIVATION DESYNCHRONISÉE DE POPULATIONS DE NEURONES RECRUTÉS**
- [72] HERSHY, BRADLEY L., US
[72] ZHU, CHANGFANG, US
[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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- [54] **LUMINOPHORES D'OXY-BROMURE ET LEURS UTILISATIONS**
- [72] CAMARDELLO, SAM JOSEPH, US
[72] SRIVASTAVA, ALOK MANI, US
[72] COMANZO, HOLLY ANN, US
[72] BEERS, WILLIAM WINDER, US
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 - [54] MARQUEUR DE PREDICTION D'UNE REPONSE THERAPEUTIQUE A UN AGENT ANTICANCEREUX CHEZ DES PATIENTS ATTEINTS D'UN CANCER SOLIDE
 - [72] KIM, JAEYOUNG, KR
 - [72] CHE, JINGMIN, KR
 - [72] CHUNG, HYUN CHEOL, KR
 - [72] RHA, SUN YOUNG, KR
 - [72] KWON, WOO SUN, KR
 - [72] KIM, TAE SOO, KR
 - [71] DAEWOO PHARMACEUTICAL CO., LTD., KR
 - [71] INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY, KR
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 - [54] ENCLOS POUR CHIENS/CAGE POUR ANIMAUX DE COMPAGNIE
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- [54] PROCEDE AMELIORE DE FABRICATION DE MEMBRANES DE TAMIS MOLECULAIRE DE CARBONE
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- [72] KOROS, WILLIAM J., US
- [72] XU, LIREN, US
- [72] BRAYDEN, MARK K., US
- [72] MARTINEZ, MARCOS V., US
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 - [72] DEBROCK, MATT E., US
 - [72] GISLAIN, JON F., US
 - [72] RICHARD, MEGAN M., US
 - [72] CORLEY, JOHN D., US
 - [72] COLWELL, JAMES F., US
 - [71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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- [72] MACK, BENJAMIN, US
- [71] VEOLIA WATER TECHNOLOGIES, INC., US
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[72] CLAUS, MICHAEL J., US	
[72] GERM, JAMES, US	
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[72] KAPEC, JEFFREY S., US	
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[72] ILAN, YARON, IL	[72] SCHROEDER, JULIAN, US	[72] VERPLOEGEN, SANDRA, NL
[72] LALAZAR, GADI, IL	[72] ISRAELSSON, MARIA, US	[72] SATIJN, DAVID P. E., NL
[72] ADAR, TOMER, IL	[72] KUHN, JOSEF M., US	[72] HOET, RENE M. A., NL
[72] MIZRAHI, MEIR, IL	[72] YANG, YINGZHEN, US	[72] PARREN, PAUL, NL
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demandes mises à la disponibilité du public non disponibles auparavant**

<p style="text-align: right;">[21] 3,017,730 [13] A1</p> <p>[51] Int.Cl. A01D 34/00 (2006.01) G07C 5/00 (2006.01) [25] EN [54] SYSTEM FOR MONITORING AND CONTROLLING ACTIVITIES OF AT LEAST ONE GARDENING TOOL WITHIN AT LEAST ONE ACTIVITY ZONE [54] SYSTEME DE SURVEILLANCE ET DE COMMANDE D'ACTIVITES AU MOINS D'UN APPAREIL DE JARDINAGE DANS AU MOINS UNE ZONE D'ACTIVITE [72] KOHLER, MORITZ, CH [72] BOLLIGER, PHILIPP, CH [72] BACHMANN, LUKAS, CH [71] HUSQVARNA AB, SE [22] 2014-07-15 [41] 2015-01-22 [62] 2,918,406 [30] DE (10 2013 107 492.8) 2013-07-15</p>	<p style="text-align: right;">[21] 3,017,856 [13] A1</p> <p>[51] Int.Cl. H04W 24/04 (2009.01) H04W 24/06 (2009.01) H04B 17/309 (2015.01) H04B 7/02 (2018.01) [25] EN [54] AUTOMATIC MAPPING AND HANDLING PIM AND OTHER UPLINK INTERFERENCES IN DIGITAL DISTRIBUTED ANTENNA SYSTEMS [54] MAPPAGE AUTOMATIQUE ET GESTION DE PIM ET AUTRES INTERFERENCES DE LIAISON MONTANTE DANS DES SYSTEMES D'ANTENNE NUMERIQUES REPARTIS [72] HASARCHI, ABRAHAM, IL [72] MEIR, AMIR, IL [71] AXELL WIRELESS LTD., GB [22] 2015-09-22 [41] 2016-03-31 [62] 2,961,696 [30] US (62/054,052) 2014-09-23</p>	<p style="text-align: right;">[21] 3,017,906 [13] A1</p> <p>[51] Int.Cl. B67D 7/54 (2010.01) B67D 7/36 (2010.01) B67D 7/42 (2010.01) [25] EN [54] LOW EMISSION FLUID TRANSFER DEVICE [54] APPAREIL DE TRANSFERT DE FLUIDE A FAIBLE EMISSION [72] HOFFMAN, ALEX L., US [72] BLANCHARD, FREDERICK W., US [71] MARSHALL EXCELSIOR COMPANY, US [22] 2009-02-13 [41] 2010-02-01 [62] 2,654,081 [30] US (12/184,752) 2008-08-01</p>
<p style="text-align: right;">[21] 3,017,849 [13] A1</p> <p>[51] Int.Cl. A01C 7/18 (2006.01) A01C 5/06 (2006.01) A01C 7/20 (2006.01) [25] EN [54] A SYSTEM FOR VARIABLE-RATIO BLENDING OF MULTIPLE AGRICULTURAL PRODUCTS FOR DELIVERY VIA A PORTED OPENER [54] SYSTEME POUR LE MELANGE A PROPORTION VARIABLE DE PLUSIEURS PRODUITS AGRICOLES POUR DISTRIBUTION PAR L'INTERMEDIAIRE D'UN ORGANE D'OUVERTURE A ORIFICES [72] RESENGREN, COLIN MARK, CA [72] RUFF, ROBERT SYDNEY, CA [72] SCHEMBRI, CHARLES JOSEPH, CA [72] WILSON, GORDON BLAIR, CA [71] CLEAN SEED AGRICULTURAL TECHNOLOGIES LTD., CA [22] 2013-05-13 [41] 2014-11-20 [62] 2,912,449</p>	<p style="text-align: right;">[21] 3,017,875 [13] A1</p> <p>[51] Int.Cl. B21K 7/08 (2006.01) B21K 7/02 (2006.01) B21K 7/10 (2006.01) E01B 9/40 (2006.01) [25] EN [54] HOT FORGED TIE PLATE FOR RAILROAD [54] SELLE DE RAIL FORGEE A CHAUD DESTINEE A UN CHEMIN DE FER [72] YOUNG, PATRICK, US [72] GU, ZHENG, US [71] YANGTZE RAILROAD MATERIALS, US [22] 2016-09-26 [41] 2018-02-24 [62] 2,943,129 [30] US (15/245781) 2016-08-24</p>	<p style="text-align: right;">[21] 3,017,909 [13] A1</p> <p>[51] Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01) A61M 16/10 (2006.01) [25] EN [54] BREATHING ASSISTANCE APPARATUS [54] APPAREIL RESPIRATOIRE [72] WHITE, CRAIG KARL, NZ [72] VAN BEURDEN, JASON PETER, NZ [72] O'DONNEL, KEVIN PETER, NZ [71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ [22] 2004-05-28 [41] 2004-11-30 [62] 2,915,201 [30] NZ (526362) 2003-05-30</p>

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[21] **3,018,176**

[13] A1

[51] **Int.Cl. C11B 5/00 (2006.01) A23D
9/007 (2006.01) A23D 9/06 (2006.01)
A61K 36/53 (2006.01) A61P 3/00
(2006.01) A23L 33/105 (2016.01)
A23L 33/115 (2016.01)**

[25] EN

[54] **COMPOSITIONS AND METHODS
FOR MODULATING LIPID
COMPOSITION**

[54] **COMPOSITIONS ET PROCEDES
DESTINES A MODULER LA
COMPOSITION LIPIDIQUE**

[72] NEWMAN, ROBERT A., US

[72] YANG, PEIYING, US

[72] SCHULICK, PAUL, US

[71] BOARD OF REGENTS OF THE
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US

[71] NEW CHAPTER, INC., US

[22] 2010-05-28

[41] 2010-12-02

[62] 2,763,041

[30] US (61/213,334) 2009-05-29

[30] US (61/272,130) 2009-08-19

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			FARMER, CHARLES G.	3,008,194
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PSION INC.	2,737,926	SAINT-GOBAIN PERFORMANCE		SHIH, CHARLES C-Y	2,807,776
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				SHIRASAKI, YOSHIHISA	2,829,746
				SHIRINFAR, SHAFIGH	2,955,848
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SPRINT COMMUNICATIONS COMPANY L.P.	2,780,328	THE TORONTO-DOMINION BANK	2,883,304	VALSPAR SOURCING, INC.	2,802,749
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AIRBUS HELICOPTERS	2,994,454	BIOSENSE WEBSTER (ISRAEL) LTD.	2,999,474	CRETELLA, JOSEPH DALLAS, L. MURRAY DAMBORAGAMA, EROSH DANIELS, BRUCE	2,999,559 2,978,566 2,962,358 2,999,011
AIRBUS HELICOPTERS	2,994,477	BIOSENSE WEBSTER (ISRAEL) LTD.	2,999,479	DAVIS, ROBERT E. DE FREITAS, CAIO CHAUSSE DE FREITAS, CAIO CHAUSSE DE PAU, ROBERT JR.	3,012,667 3,000,115 3,000,118 2,996,117
ALDERSEY, RICHARD JUSTIN BOYD	2,999,518	BIZARD, JEAN-CLAUDE	2,993,737	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,962,001 2,999,135 2,962,161
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ANDERSON, STANLEY	3,013,004	CAMPO, KAIO NIITSU	3,000,118	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
ASAI, SHIGEKI	2,998,317	CAMPO, KAIO NIITSU	3,000,115	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
ASAOKA, SEIICHI	2,999,296	CANADIAN PACIFIC RAILWAY COMPANY	2,977,933	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
AUSTIN, DANIEL BRYAN	2,999,581	CAPPELucci, DAVID	2,999,135	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
BAILEY, PAUL ROBERT	2,999,528	CARAM, RUBENS	3,000,118	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
BAKER HUGHES, A GE COMPANY, LLC	2,999,159	CARAM, RUBENS, JR.	3,000,115	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
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BARNETT, NEIL	2,997,798	CARDEN, BRIAN ALLEN	3,012,638	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
BASSILY, GEORGES	2,962,161	CARDIFF, JAESON	3,012,643	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
BASU, SHUBHAYU	2,999,126	CARR, CASEY	2,978,288	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
BAZILIAN, LEONID	2,999,479	CASSIDY, SEAN	3,012,619	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
BEAUDOIN, ADRIEN	2,962,850	CATERPILLAR INC.	2,999,305	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
BEAUDOIN, LUC	2,962,850	CECCARELLI, LORETO J.	2,999,000	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
BEAULIEU, NORMAND	2,961,915	CENTEA, MARK E.	2,967,814	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
BEAULIEU, NORMAND	2,999,001	CEPIC, ADNAN	2,993,566	DEIR, WALID DELRUE, OLIVIER DEPUY SYNTHES PRODUCTS, INC.	2,962,161 2,993,737 2,999,426
BELLEVILLE, BENOIT	2,961,915	CHAMPAGNE, CHRISTIAN	2,961,915	DUFOUR, DENIS DUONG, HA V.	2,962,362 2,998,798
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ELLIOTT, KEVIN M.	2,999,317	HAWA SLIDING SOLUTIONS AG	2,997,736	KALVIG, ANDREA BETH KANNO, DAISUKE	3,012,664 2,998,929
EPHRATH, YARON	2,998,813	HAWA SLIDING SOLUTIONS AG	2,997,737	KANTHARAJU, SWAROOP	2,962,161
EPIL-MA-EPSIE SARL	2,962,174	HAYASHI, DAISUKE	2,998,929	KAO, HAN-JUNG	2,999,318
EPPLEY, JOSHUA L.	2,962,351	HAYAT, SHARGEEL	2,962,330	KASINATH, RAJENDRA	2,999,426
ERNSBERGER, CRAIG	2,999,426	HEBBALAGUPPE, RAMYA		KASINATH, RAJENDRA	2,999,552
ERNSBERGER, CRAIG	2,999,552	SUGNANA MURTHY	2,998,164	KELLEY, JOHN T.	2,999,350
ESCOFFIER, ANNA-LINE	2,996,941	HEGDE, VINAY	2,997,268	KIANI, ALI	2,992,182
ETTMULLER, PETER	2,997,736	HERMSEN, MANFRED	2,999,017	KIANI, ALI AK	2,990,653
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FARR, THOMAS ARTHUR	2,998,811	HOFFMAN, DAVID	2,998,045	KLESHCHEV, FEDOR	2,996,117
FAZELI, AMIR	2,993,566	HONDA MOTOR CO., LTD.	2,998,024	KLOVDAHL, GARRETT DANIEL	2,996,117
FELDMAN, KONSTANTIN	2,999,361	HONEYWELL		KNOBLAUCH, THOMAS	2,999,095
FERENCZY, MIKLOS	2,978,935	INTERNATIONAL INC.	2,994,626	KOCAK, KYLE JAMES	3,012,620
FISHMAN, ZACHARY J.	2,962,152	HONEYWELL		KOCAK, KYLE JAMES	3,012,634
FITZGERALD, SCOTT	2,999,567	INTERNATIONAL INC.	2,995,762	KOMORIYA, KAZUKI	2,999,010
FLETCHER, SCOTT LLOYD	2,999,310	HONEYWELL		KONDO, TAKASHI	2,998,929
FLETCHER, SCOTT LLOYD	2,999,316	INTERNATIONAL INC.	2,997,268	KOSCIELNUK, LORNE	2,999,108
FONTAINE, LIONEL	2,994,454	HOOD PACKAGING		KOZDRAS, RICHARD	2,999,462
FOSTER, RICHARD	3,013,004	CORPORATION	2,999,533	KRASHENINNIK, NADIA	
FOSTER, RYAN	2,999,325	HOULE, VINCENT	2,962,151	NIKOLAYEVNA	3,012,614
FOURNEAU-PELLETIER, ROMAIN		HOYLE, MARK	2,998,798	KRASHENINNIK, NADIA	
FRITZ, JESSE		HSIEH, JUNG-KUEI	2,962,657	NIKOLAYEVNA	3,012,629
FUKUDA, KOICHIRO		HUANG, FU-CHIH	2,969,985	KRASHENINNIK, NADIA	
GALLAGHER, SEAN P.		HUANG, LIEN-HSI	2,969,985	NIKOLAYEVNA	3,012,650
GARROW, KRISTIAN P.		HUBBELL INCORPORATED	2,999,559	KRASHENINNIK, NADIA	
GASORE, ANICET		HUDSON, SKYLER		NIKOLAYEVNA	3,012,681
GAURAV		JONATHAN	2,962,018	KRISHNAMURTHY, GOWRI	2,999,544
GE LIGHTING SOLUTIONS, LLC		HUGHES, JONATHAN MARK	2,999,165	KULCZYK, WOJCIECH	
GEODYNAMICS, INC.		HUI, MAN F.	2,999,316	KONRAD	2,999,591
GERARDI, SCOTT	3,012,667	HUNTLEY, RICHARD		KURITA, SHUJI	2,998,929
GHOSH, HIRANMAY	2,999,325	BRENDON	2,998,024	KUSANO, YUYA	2,998,935
GIBBS, BRIAN	2,998,164	HUSKY OIL OPERATIONS		KUZNETSOV, OLEKSANDR V.	2,999,159
GILLEY, IAN	2,961,815	LIMITED	2,962,018	KYLE, DONALD	3,012,623
GINN, STEVEN N.	2,999,357	HUSSEY, THOMAS KENNETH	2,999,081	KYLE, DONALD	3,012,638
GINN, STEVEN N.	2,999,426	HUSSEY, THOMAS KENNETH	2,999,086	KYLE, DONALD	3,012,643
GIPSON, TOMMIE C.	2,999,552	HUTCHINSON	2,999,352	LABADIE, JEAN	2,998,409
GLASS, PETER	3,011,230	HYDRA-SLIDE LTD.	2,962,176	LACY, NOLAN	2,997,798
GLINER, VADIM	2,999,316	IDA, ATSUSHI	2,998,929	LAIDLAW, ANDREW	
GOODRICH CORPORATION	2,998,813	IKEDA, KOKI	2,999,010	WILLIAM	2,999,518
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GOZALVEZ, LUCAS	2,999,474	INSTITUT NATIONAL		LAMBER, JEFF	2,999,567
GPCP IP HOLDINGS LLC	2,962,330	D'OPTIQUE	2,962,362	LANE, MARVIN	2,999,238
GRAVEL, ANDRE	2,998,944	INTRAWAY R&D S.A.	2,999,566	LARKOUBI, HOUARI	2,962,174
GRAY, EVERETTE D.	2,960,488	INTRAWAY R&D S.A.	2,999,574	LASTER, MATTHEW	2,999,528
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H M, SHANKAR PRASAD	2,994,459	JOYCE, MICHAEL	2,999,520	LEE, STEPHEN Y.	2,996,125
HAAB, GREGOR	2,995,762	JUSTL, SASCHA	2,997,736	LEE, WEN-CHIEH	2,969,985
HAAB, GREGOR	2,997,736	JUSTL, SASCHA	2,997,737	LEGEN, GARY W.	2,962,350
HAAB, GREGOR	2,997,737	KALVIG, ANDREA BETH	3,012,614	LEGIC IDENTSYSTEMS AG	2,999,095

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LES MACHINERIES PRONOVOOST INC.	2,999,001	MURRAY, ROBERT M.	2,999,175	QU, HAIBO	2,999,552
LESKOSEK, JAMES ANDREW LEUNG, ALAN N.	2,999,322	MUTH, ARNO	2,999,742	RADIOTIS, CONSTANTINE	2,999,325
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LIN, SHUGUANG LISS, MITCHELL	2,999,559	NAKHLA, GEORGE	2,999,732	ROBERTS, MARK JULIAN	2,999,544
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LORDONNOIS, RODOLPHE LORKOWSKI, AARON	2,999,732	NAVICO HOLDING AS	2,999,528	RUG DOCTOR, LLC	3,013,004
LUBURIC, FRANO LUMASENSE TECHNOLOGIES HOLDINGS, INC.	2,999,559	NELSON, MICHAEL	2,999,732	RZEZAK, LEANDRO	2,999,574
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MARTINEZ, ENRIQUE MASSAL, FABIEN	2,999,656	OLIVER, FRED S.	2,965,639	SAKABE, MOTOYA	2,999,010
MACDON INDUSTRIES LTD. MACDON INDUSTRIES LTD.	2,999,732	OPIO TECHNOLOGIES INC.	2,962,001	SALAZAR, FERNANDO	2,999,359
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MARTINEZ, ENRIQUE MASSAL, FABIEN	2,998,785	OUELLET, ANDRE	2,962,151	SCHAFER, THOMAS	2,999,742
MAHOUKIAN, PATRICK MARR, JASON E.	2,965,061	PADILLA, HOMERO	2,999,359	SEB S.A.	2,993,737
MARRELLO, JOSEPHINE MARSH, ADAM PAUL	2,998,809	PADILLA, RICARDO	2,999,359	SELKEE, THOMAS	2,999,359
MARTINEZ, ENRIQUE MASSAL, FABIEN	2,999,656	PARRISH, CATHERINE J.	3,000,115	SELL GMBH	2,999,742
MAHOUKIAN, PATRICK MARR, JASON E.	2,999,685	PARRISH, CATHERINE J.	3,000,118	SEURAT, FREDERIC	2,993,737
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MARTINEZ, ENRIQUE MASSAL, FABIEN	2,997,798	PETITALLOT, JOHANN	2,993,737	SHAO, YUANYUAN	2,999,656
MAHOUKIAN, PATRICK MARR, JASON E.	2,997,798	PHILIPP, PAUL BRIAN	2,996,117	SHAO, YUANYUAN	2,999,668
MARRELLO, JOSEPHINE MARSH, ADAM PAUL	2,962,330	PIONCHON, LAURENCE	2,996,941	SHAO, YUANYUAN	2,999,685
MARTINEZ, ENRIQUE MASSAL, FABIEN	2,962,176	PIONCHON, LAURENCE	2,999,359	SHAO, YUANYUAN	2,999,732
MAHOUKIAN, PATRICK MARR, JASON E.	2,992,358	PIONCHON, LAURENCE	3,012,614	SHARPE, CARL	2,997,986
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MARTINEZ, ENRIQUE MASSAL, FABIEN	2,962,301	PIONCHON, LAURENCE	3,012,617	SILVA CECILIO, JOAO LUIS	
MAHOUKIAN, PATRICK MARR, JASON E.	2,999,165	PIONCHON, LAURENCE	3,012,617	DA	2,961,844
MARRELLO, JOSEPHINE MARSH, ADAM PAUL	2,999,350	PIONCHON, LAURENCE	3,012,618	SILVEIRA, SCOTT J.	2,999,159
MARTINEZ, ENRIQUE MASSAL, FABIEN	2,994,477	PIONCHON, LAURENCE	3,012,620	SIMMS, STAN REX	2,998,811
MAHOUKIAN, PATRICK MARR, JASON E.	2,996,125	PIONCHON, LAURENCE	3,012,620	SITNITSKY, ILYA	2,999,474
MARRELLO, JOSEPHINE MARSH, ADAM PAUL	2,999,165	PIONCHON, LAURENCE	3,012,620	SIX, MARC-FRANCOIS	2,999,352
MARTINEZ, ENRIQUE MASSAL, FABIEN	2,999,350	PIONCHON, LAURENCE	3,012,623	SMITH, ERIC ALBERT	2,998,893
MAHOUKIAN, PATRICK MARR, JASON E.	2,997,986	PIONCHON, LAURENCE	3,012,628	SOFFER, AVIV	2,998,919
MARRELLO, JOSEPHINE MARSH, ADAM PAUL	2,999,175	PIONCHON, LAURENCE	3,012,628	SOLIS, MARIO	2,999,359
MARTINEZ, ENRIQUE MASSAL, FABIEN	2,976,476	PIONCHON, LAURENCE	3,012,629	SOLIS, MARIO A.	2,999,126
MAHOUKIAN, PATRICK MARR, JASON E.	2,988,047	PIONCHON, LAURENCE	3,012,629	SPICER, CHRIS	2,999,581
MARRELLO, JOSEPHINE MARSH, ADAM PAUL	2,994,626	PIONCHON, LAURENCE	3,012,634	SREEKRISHNA, KOTI	
MARTINEZ, ENRIQUE MASSAL, FABIEN	2,995,762	PIONCHON, LAURENCE	3,012,634	TATACHAR	2,999,585
MAHOUKIAN, PATRICK MARR, JASON E.	2,997,268	PIONCHON, LAURENCE	3,012,638	SRINIVASAN, SRIVATSAN	2,998,619
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MARTINEZ, ENRIQUE MASSAL, FABIEN	2,962,351	PIONCHON, LAURENCE	3,012,643	STERNS, SARAH	2,999,325
MAHOUKIAN, PATRICK MARR, JASON E.	2,962,353	PIONCHON, LAURENCE	3,012,650	STREBEL, MYRTA	2,997,736
MARRELLO, JOSEPHINE MARSH, ADAM PAUL	2,998,798	PIONCHON, LAURENCE	3,012,681	SULLIVAN, SHELBY L.	3,012,667
MARTINEZ, ENRIQUE MASSAL, FABIEN	2,999,081	PIONCHON, LAURENCE	3,012,664	SUNNYBROOK RESEARCH	
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MARTINEZ, ENRIQUE MASSAL, FABIEN	2,992,076	PRONOVOST, REJEAN	2,992,076	TAVIN, GERARD	2,999,352
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MARRELLO, JOSEPHINE MARSH, ADAM PAUL	2,999,559	PRONOVOST, REJEAN	2,999,361	THE BOEING COMPANY	2,992,191
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THE BOEING COMPANY	3,000,118	VIRCO MFG. CORPORATION	2,999,316	ZHU, JINGXU	2,999,732
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TOLAND, JAMIE	2,999,312	WANG, LIN	2,999,656		
TOME, ELIZABETH	2,962,161	WANG, LIN	2,999,685		
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TONAN, ARTHUR SCOTT	2,963,015	WANG, YAZHOU	2,998,806		
TONG, WEIDONG	2,999,426	WATHEN, JOHN SAMUEL	2,963,015		
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TOYOTA JIDOSHA KABUSHIKI KAISHA	2,998,935	WESDON-TIENDA ENVIRONMENTAL SCIENCES CO. LTD.	2,999,685		
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UNIVERSIDADE ESTADUAL DE CAMPINAS - UNICAMP	3,000,118	WU, BINGHUA	2,998,806		
UNKNOWN	2,962,392	XIN, CHAO	2,998,806		
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VALENTINE, DAVID	2,994,459	YAHNER, JOSEPH THOMAS	2,998,893		
VASS, STEPHANIE	2,999,426	YAMASAKI, TAKENORI	2,998,929		
VASS, STEPHANIE	2,999,552	YAN, WENZHOU	2,999,011		
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		ZHENG, MENG	2,999,034		
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DU, HAITAO	3,017,981	EXPRO NORTH SEA LIMITED	3,018,471	FUJITA, TAKAYUKI	3,017,711
DUBE, BLAKE	3,017,589	EXXONMOBIL RESEARCH		FUJITA, TAKAYUKI	3,017,714
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EDGEWELL PERSONAL CARE BRANDS, LLC	3,018,198	FIMBRION THERAPEUTICS, INC.	3,018,345	GE OIL & GAS PRESSURE	
EDITAS MEDICINE, INC.	3,017,956	FINA TECHNOLOGY, INC.	3,018,061	CONTROL LP	3,018,485
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BAADSGAARD, OLE	3,017,575	IBRAHEM	3,016,976	CALIFORNIA	3,017,478
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GENMAB A/S	3,017,668	PARSONS, RAMON	3,017,717		
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HELMORE, SIMON C.	3,017,856	ROY, MRINALINI	3,017,071		
HOET, RENE M. A.	3,017,406	RUFF, ROBERT SYDNEY	3,017,849		
HOFFMAN, ALEX L.	3,017,575	SATIJN, DAVID P. E.	3,017,575		
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		STAGGS, JAMES W.	3,017,476		
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		SULLIVAN, SCOTT	3,017,249		
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