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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'abrégué 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 MailTM and XpresspostTM 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

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.

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

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 September 25, 2018 contains applications open to public inspection from September 9, 2018 to September 15, 2018.

15. Demandes canadiennes mises à la disposition du public

La *Gazette du bureau des brevets* du 25 septembre 2018 contient les demandes disponibles au public pour consultation pour la période du 9 septembre 2018 au 15 septembre 2018.

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 - [54] **METHOD AND APPARATUS FOR PROVIDING SIGNATURES OF AUDIO/VIDEO SIGNALS AND FOR MAKING USE THEREOF**
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 [72] SMITH, ROBERT C., US
 [73] TYCO HEALTHCARE GROUP LP, US
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[54] EPANDEUR POUR VEHICULES ET METHODE D'EPANDAGE DE MATERIAUX EN GRANULES
[72] CANTIN, HUGUES, CA
[72] DESCHENES, GUY, CA
[73] SERVICE D'EQUIPEMENT G.D. INC., CA
[86] (2759110)
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[72] NIELSEN, KNUD STENBAEK, DK
[73] QINETIQ LIMITED, GB
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[72] DE BOER, PAUL, NL
[72] CHENG, YIU CHUNG, NL
[72] LANKSHEAR, MICHAEL DAVID, NL
[72] POSTHUMUS, WILLEM, NL
[72] SMURA, CATHERINE FRANCES, NL
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[54] SYSTEMES ET PROCEDES D'UNITE DE MACONNERIE
[72] D'AVELA, CANAN, US
[73] CONCRETE PRODUCTS GROUP LLC, US
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[72] STOWELL, GRAYSON W., US
[72] MENKIN, PAUL, US
[72] SMUTNEY, CHAD C., US
[72] ADAMO, BENOIT, US
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- [73] OTSUKA PHARMACEUTICAL CO., LTD., JP
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 - [73] REHRIG PACIFIC COMPANY, US
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[72] CHIU, ROSSA WAI KWUN, CN
[72] TONG, YU KWAN, CN
[72] JIN, SHENG NAN, SG
[72] CHIM, SIU CHUNG STEPHEN, CN
[72] TSUI, WAI YI, CN
[73] THE CHINESE UNIVERSITY OF HONG KONG, CN
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- [72] ASKELAND, YNGVE, NO
- [73] MORENOT AS, NO
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- [54] APPAREILS, SYSTEMES ET PROCEDES POUR SOLUBILISER EFFICACEMENT LE DIOXYDE DE CARBONE DANS L'EAU EN UTILISANT UN IMPACT DE HAUTE ENERGIE
- [72] FANTAPPIE, GIANCARLO, US
- [73] APIQE INC, US
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- [72] FLECK, ROD G., US
- [73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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- [54] DISPOSITIF DE VANNE D'ASPIRATION POUR L'EVACUATION DE GAZ D'UN MOULE
- [72] BIGGER, RENE, CH
- [72] BAGNOUD, CHRISTOPHE, CH
- [73] V.D.S. VACUUM DIECASTING SERVICE S.A., CH
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- [54] PROCEDES DE MANIPULATION DE MEDICAMENTS BIOLOGIQUES CONTENANT DES CELLULES VIVANTES
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- [73] IMMUNOVATIVE THERAPIES, LTD., IL
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- [54] PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE
- [72] SASAI, HISAO, JP
- [72] NISHI, TAKAHIRO, JP
- [72] SHIBAHARA, YOUJI, JP
- [72] SUGIO, TOSHIYASU, JP
- [72] TANIKAWA, KYOKO, JP
- [72] MATSUNOBU, TORU, JP
- [72] TERADA, KENG, JP
- [73] TAGIVAN II LLC, US
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 - [72] Klapotke, Thomas M., DE
 - [72] Fischer, Niko, DE
 - [72] Fischer, Dennis, DE
 - [72] Piercy, Davin G., DE
 - [72] Stierstorfer, Jorg, DE
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- [54] **PROCEDE DE PRODUCTION D'UNE STRUCTURE COMPRENANT DES ETAPES DE REVETEMENT ET STRUCTURE ET DISPOSITIFS CORRESPONDANTS**
- [72] Topping, Alexander John, GB
- [72] Lane, Peter Drysdale, GB
- [73] Power Roll Limited, GB
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 - [54] **NOUVEAUX COMPOSES DE SULFONAMIDE DESTINES A L'INHIBITION DE LA CROISSANCE TUMORALE METASTATIQUE**
 - [72] Supuran, Claudiu, IT
 - [72] DEDHAR, SHOUKAT, CA
 - [72] McDONALD, PAUL C., CA
 - [72] CARTA, FABRIZIO, IT
 - [73] WELICHEM BIOTECH INC., CA
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- [72] Hicks, William, US
- [72] Greer, Gary, CA
- [72] Karel, Jonathon, US
- [73] SAF-HOLLAND, INC., US
- [86] (2841698)
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 - [72] CHI, HONG, CN
 - [72] XU, BAOGUANG, CN
 - [72] QI, MINGLIANG, CN
 - [72] ZANG, NINGNING, CN
 - [72] SHAO, XUEYAN, CN
 - [72] GAO, MINGANG, CN
 - [72] SHI, BIAO, CN
 - [72] TAN, XIANCHUN, CN
 - [73] AIR CHINA LIMITED, CN
 - [73] INSTITUTE OF POLICY AND MANAGEMENT, CHINESE ACADEMY OF SCIENCES, CN
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[72] SHELINBARGER, RICH D., US
[72] WELSBY, SCOTT D., US
[72] MALENKOVIC, PETER, US
[73] SCHLAGE LOCK COMPANY LLC, US
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[72] CARRARA, MICHAEL ANTHONY, CA
[72] TRUSKOVSKY, ALEXANDER, CA
[73] BLACKBERRY LIMITED, CA
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[72] MACDONALD, RUSSELL JAMES, US
[72] GUDIPATI, CHAKRAVARTHY, SG
[72] ZHANG, KAI, SG
[73] GENERAL ELECTRIC COMPANY, US
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[54] PALE POUR UNE HELICE DE TURBOMACHINE, NOTAMMENT A SOUFFLANTE NON CARENEE, HELICE ET TURBOMACHINE CORRESPONDANTES
[72] VION, LAURENCE, FR
[72] DELATTRE, GREGORY, FR
[72] JACQUIN, LAURENT, FR
[72] RODRIGUEZ, BENOIT, FR
[72] BOISARD, RONAN, FR
[72] ORTUN, BIEL, FR
[72] FALISSARD, FABRICE, FR
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[73] ONERA, FR
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[54] COMPOSITIONS A BASE DE BROMOFLUOROCARBONE
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[73] AMERICAN PACIFIC CORPORATION, US
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- [72] BUHLER, GUNNAR, DE
- [72] GRAF, CHRISTIAN, DE
- [72] SCHWARZ, KILIAN, DE
- [72] RAPPHAHN, MICHAEL, DE
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- [72] YU, QING CLAIRE, US
- [72] ENGLERT, MARK, US
- [73] USG INTERIORS, LLC, US
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- [54] PROCEDE DE POSITIONNEMENT DE TUBE GUIDE SUR UNE PLAQUE DE MATERIAU POLYMER, SUPPORT REFERENTIEL TOMOGRAPHIQUE ET DISPOSITIF DE POSITIONNEMENT DE TUBE GUIDE
- [72] RODRIGUES MACHADO, ASBEL, BR
- [72] FERREIRA RANGEL, EDER, BR
- [72] FERREIRA RANGEL, KEULER, BR
- [73] RODRIGUES MACHADO, ASBEL, BR
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- [25] EN
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- [54] MOULE POUR BANDE DE PAR-CHOCKS DE VEHICULE ET TECHNIQUE DE MOULAGE ASSOCIEE
- [72] FUJIWARA, KAZUHISA, US
- [72] SUWA, RIKIYA, US
- [72] WOJNIAK, CHAD, US
- [72] ABE, TAKASHI, US
- [72] MIZUKAMI, YOUHEI, US
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- [72] REISINGER, CHRISTOPH, DE
- [72] CLAREN, JORG, DE
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[54] DISPOSITIF ET AGENCEMENT ADAPTABLE POUR STOCKER ET FOURNIR DE L'ENERGIE
[72] BOFFO, CRISTIAN, DE
[72] STEINMANN, JOCHEN, DE
[72] WALTER, WOLFGANG, DE
[72] REVILAK, PHILIPP, DE
[72] AMEND, JOHANNES, DE
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[73] BABCOCK NOELL GMBH, DE
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[25] EN
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[54] PRODUIT DE PAREMENT A PANNEAU UNIQUE
[72] STEFFES, STEPHEN W., US
[72] KIRN, BRIAN W., US
[72] STUCKY, DAVID J., US
[73] CERTAINTEED CORPORATION, US
[86] (2875534)
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[54] MECANISME DE CALCUL DE LA VITESSE ANEMOMETRIQUE D'UN AERONEF
[72] LUO, JIA, US
[73] THE BOEING COMPANY, US
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[30] US (14/209,661) 2014-03-13

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[54] APPAREIL DE RETRAIT DE MATERIAU D'UN CONTENANT ET CONTENANT EQUIPE DE CE DERNIER
[72] DIXON, OLIVER, GB
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[54] ELEMENTS ADN RECOMBINANTS POUR L'EXPRESSION DE PROTEINES RECOMBINANTES DANS UNE CELLULE HOTE
[72] GOMEZ SEBASTIAN, SILVIA, ES
[72] LOPEZ VIDAL, JAVIER, ES
[72] MARTINEZ ESCRIBANO, JOSE ANGEL, ES
[73] ALTERNATIVE GENE EXPRESSION S.L., ES
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[54] SYSTEME DE SEPARATION MULTIPHASE
[72] GRAVE, EDWARD J., US
[72] BYMASTER, ADAM S., US
[72] FOWLER, TRACY A., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[72] KOSS, RICK, CA
[73] HUNTER WIRE LIMITED, CA
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 - [54] LUMINAIRE DEL ENCASTRE SANS PUITS THERMIQUE SECONDAIRE
 - [72] O'BRIEN, AARON, US
 - [72] CHANG, SETH, US
 - [72] NGUYEN, HUAN, US
 - [73] CORDELIA LIGHTING INC., US
 - [86] (2880397)
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- [54] POLYMER POUR COMPOSITIONS DE LUBRIFIANT ET SON PROCEDE DE FORMATION
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- [72] SCANLON, EUGENE F., US
- [72] SU, KAI, US
- [73] BASF SE, DE
- [85] 2015-02-09
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 - [25] EN
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 - [54] PROCEDE D'APPROVISIONNEMENT EN COURANT A L'AIDE D'UNE PRISE AUDIO
 - [72] LAMBA, KARTIK, US
 - [73] SQUARE, INC., US
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- [54] NECESSAIRE DE TRAITEMENT, DISPOSITIF DE TRAITEMENT ET PROCEDE DE FABRICATION ASSOCIE
- [72] CHAKFE, NABIL, FR
- [72] DURAND, BERNARD, FR
- [72] MARCHAND, CORALIE, FR
- [73] UNIVERSITE DE STRASBOURG, FR
- [73] HOPITAUX UNIVERSITAIRES DE STRASBOURG (HUS), FR
- [73] UNIVERSITE DE HAUTE ALSACE, FR
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 - [54] PEPTIDES DE TRANSIT DE CHLOROPLASTE POUR CIBLAGE EFFICACE DE DMO ET UTILISATION DE CEUX-CI
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 - [72] FLASINSKI, STANISLAW, US
 - [73] MONSANTO TECHNOLOGY LLC, US
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- [25] EN
- [54] METHOD AND SYSTEM FOR VALIDATING A CANDIDATE-MAP FOR A THREE-DIMENSIONAL STRUCTURE USING MOTES
- [54] METHODE ET SYSTEME DE VALIDATION D'UN PLAN CANDIDAT DESTINE A UNE STRUCTURE TRIDIMENSIONNELLE EMPLOYANT DES PICOTS
- [72] WORTCHE, HEINRICH JOHANNES, NL
- [72] TALNISHNIKH, ELENA, NL
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 - [72] BLOCK, DIRK, DE
 - [72] BRAZ, JULIAN, US
 - [72] BRUNNER, HANS-PETER, CH
 - [72] CREEDEN, JAMES, CH
 - [72] LOYDA, HANS-JURGEN, US
 - [72] WIENHUES-THELEN, URSULA-HENRIKE, DE
 - [72] ZAUGG, CHRISTIAN, CH
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- [54] LAMPE TORCHERE A DIODE ELECTROLUMINESCENTE (DEL) DOTEÉ DE FONCTIONS DE PROTECTION CONTRE LA SURCHAUFFE ET LA SURTENSION
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- [73] MODERN HOME LIGHTING, INC., CN
- [86] (2886969)
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 - [72] LEE, FRANK PING-HAY, CA
 - [72] BRETON, MARCEL P., CA
 - [72] MAGDALINIS, AURELIAN VALERIU, CA
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 - [54] SYSTEME DE BARDEAUX DE TOITURE ET BARDEAUX UTILISES DANS CE SYSTEME
 - [72] LEITCH, OLAN, US
 - [73] BUILDING MATERIALS INVESTMENT CORPORATION, US
 - [86] (2888828)
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- [73] YANG, CHENG-CHUAN, TW
- [86] (2889230)
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 - [25] EN
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 - [54] COMPOSES HETEROAROMATIQUES A TITRE DE MODULATEURS DES PI3 KINASES ET LEURS METHODES D'UTILISATION
 - [72] XI, NING, US
 - [73] CALITOR SCIENCES, LLC, US
 - [73] SUNSHINE LAKE PHARMA CO., LTD., CN
 - [85] 2015-04-23
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- [72] HENLEY, ERIC SHANE, US
- [72] GRIFFITH, RANDALL DUDLEY, US
- [72] CHU, PHI VAN, US
- [72] WUJEK, STEVEN MICHAEL, SR., US
- [73] THE PROCTER & GAMBLE COMPANY, US
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 - [54] **MECANISME DE SOULEVEMENT DE PLONGEUR A BILLE POUR PUITS DE FORAGE A FORTE DEVIATION**
 - [72] ZIMMERMAN, JEFFREY BRIAN, JR., US
 - [73] SUPERIOR ENERGY SERVICES, LLC, US
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 - [54] **SELECTION DYNAMIQUE DE NIVEAUX DE STOCKAGE**
 - [72] THOMAS, NATHAN BARTHOLOMEW, US
 - [73] AMAZON TECHNOLOGIES, INC., US
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 - [54] **GRILLE DE REGULATION DE L'HUMIDITE**
 - [72] HOLLAND, WAYNE, JR., US
 - [73] SOURCES UNLIMITED I LLC, US
 - [85] 2015-07-03
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 - [54] **INDUCTION HEATING COMPACTION SYSTEM AND RELATED METHODS**
 - [54] **SISTÈME DE COMPACTION À CHAUFFAGE PAR INDUCTION ET MÉTHODES ASSOCIÉES**
 - [72] BENSON, VERNON M., US
 - [72] MACHAC, DAVID R., US
 - [72] LOVELESS, BRYAN J., US
 - [73] ORBITAL ATK, INC., US
 - [85] 2015-07-03
 - [86] 2014-01-03 (PCT/US2014/010138)
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 - [54] **SYSTEM FOR WASHING, DEVEINING AND PEELING SHRIMP**
 - [54] **SYSTÈME DE LAVAGE, EVEINAGE ET ECALAGE DE CREVETTES**
 - [72] LIANG, RUE, US
 - [73] LIANG, RUE, CN
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 - [87] (2898536)
 - [22] 2015-07-31
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 - [25] EN
 - [54] **ENCAPSULATED TITANIUM DIOXIDE, FLUORESCENT PIGMENTS, AND PIGMENTED POLYURETHANE DISPERSION**
 - [54] **DIOXYDE DE TITANE ENCAPSULE, PIGMENTS FLUORESCENTS ET DISPERSION DE POLYURETHANE PIGMENTE**
 - [72] MOORE, KELLEY A., US
 - [72] BANNING, JEFFERY H., US
 - [72] YAO, JIAN, US
 - [72] THOMAS, JULE W., JR., US
 - [72] GONZALEZ, JESUS, JR., US
 - [73] XEROX CORPORATION, US
 - [86] (2899064)
 - [87] (2899064)
 - [22] 2015-07-27
 - [30] US (14/451317) 2014-08-04
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- [54] **APPARATUS AND METHOD FOR GENERATING A FREQUENCY ENHANCED SIGNAL USING TEMPORAL SMOOTHING OF SUBBANDS**
- [54] **APPAREIL ET PROCÉDÉ POUR GÉNÉRER UN SIGNAL AMÉLIORÉ EN FREQUENCE À L'AIDE D'UN LISSAGE TEMPOREL DE SOUS-BANDES**
- [72] DISCH, SASCHA, DE
- [72] GEIGER, RALF, DE
- [72] HELMRICH, CHRISTIAN, DE
- [72] MULTRUS, MARKUS, DE
- [72] SCHMIDT, KONSTANTIN, DE
- [73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] SYSTEME DE COMMANDE D'ECOULEMENT DE FLUIDE DE FOND DE TROU ACTIONNE PAR UNE PRESSION DE TUBULURE
[72] PICKLE, BRAD, US
[72] FRIPP, MICHAEL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] ROBOT AUTONOME DE NETTOYAGE DE SURFACE
[72] DOOLEY, MICHAEL J., US
[72] ROMANOV, NIKOLAI, US
[72] CASE, JAMES PHILLIP, US
[73] iROBOT CORPORATION, US
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[54] ROOFING SHINGLE SYSTEM AND SHINGLES FOR USE THEREIN
[54] SYSTEME DE BARDEAUX DE TOITURE ET BARDEAUX DUDIT SYSTEME
[72] LEITCH, OLAN, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
[86] (2902694)
[87] (2902694)
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[25] EN
[54] SYSTEM AND METHOD FOR REDUCING VISCOSITY VARIATIONS IN ROOFING ASPHALT
[54] SYSTEME ET METHODE DE REDUCTION DES VARIATIONS DE VISCOSITE DANS L'ASPHALTE POUR TOITURE
[72] HUMPHREYS, DAVID C., US
[73] TAMKO BUILDING PRODUCTS, INC., US
[86] (2905679)
[87] (2905679)
[22] 2015-09-24
[30] US (62/055,465) 2014-09-25
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[54] AUTOMOBILE STRUCTURAL MEMBER AND MANUFACTURING METHOD OF THE SAME
[54] ELEMENT STRUCTUREL DESTINE A UNE AUTOMOBILE ET FABRICATION DUDIT ELEMENT
[72] OKADA, TOHRU, JP
[72] YASUYAMA, MASANORI, JP
[72] SAKAMOTO, TERUKI, JP
[72] IMAMURA, TAKASHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[25] EN
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[54] RESERVATION DE CANAL DANS UNE COMMUNICATION MULTIPLEXEE EN FREQUENCE DANS DES ENVIRONNEMENTS SANS FIL DENSES
[72] MERLIN, SIMONE, US
[72] BARRIAC, GWENDOLYN DENISE, US
[72] SAMPATH, HEMANTH, US
[72] VERMANI, SAMEER, US
[72] TIAN, BIN, US
[72] ZHOU, YAN, US
[72] TANDRA, RAHUL, US
[73] QUALCOMM INCORPORATED, US
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[30] US (61/819,096) 2013-05-03
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[25] EN
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[54] ROULEMENT D'ESSIEU MONTE POUR ESSIEU MONTE D'UN VEHICULE SUR RAIL COMPORANT UN BOGIE INSTALLE DE MANIERE INTERNE
[72] KREUZWEGER, DAVID, AT
[72] KUTER, CHRISTIAN, AT
[72] TEICHMANN, MARTIN, AT
[73] SIEMENS AG OSTERREICH, AT
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[54] METHODES ET APPAREIL ASSOCIES A UN COLLIER D'ORIFICE EXTENSIBLE
[72] FARLEY, DOUGLAS BRIAN, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[30] US (14/521,556) 2014-10-23
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[25] EN
[54] SYSTEM AND METHOD FOR ASSEMBLING A TIRE-WHEEL ASSEMBLY
[54] SYSTEME ET METHODE D'ASSEMBLAGE D'UN ENSEMBLE PNEU-ROUE
[72] STRAITIFF, DONALD G., US
[72] CLARK, BARRY A., US
[72] LAWSON, LAWRENCE J., US
[72] HICKS, JOSHUA J., US
[73] ANDROID INDUSTRIES LLC, US
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[30] US (61/832,422) 2013-06-07
[30] US (61/859,641) 2013-07-29
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[54] REVETEMENT ANTI-MOUILLAGE A FAIBLE ADHERENCE POUR TETES D'IMPRESSION D'ENCRE AQUEUSE
[72] SAMBHY, VARUN, US
[72] TALLMAN, KYLE B., US
[72] BADESCHA, SANTOKH S., US
[72] ROETKER, MICHAEL S., US
[72] HERKO, JONATHAN H., US
[72] GRIFFIN, SCOTT J., US
[73] XEROX CORPORATION, US
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[87] (2909768)
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[30] US (14/535874) 2014-11-07
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[25] EN
[54] BALE LOADING TRAILER WITH AUTOMATIC BALE MOVEMENT
[54] REMORQUE DE CHARGEMENT DE BALLOT A MOUVEMENT AUTOMATIQUE DE BALLOT
[72] NEUDORF, BLAKE, CA
[72] REGIER, JUSTIN, CA
[73] HIGHLINE MANUFACTURING LTD., CA
[86] (2910301)
[87] (2910301)
[22] 2015-10-27
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[25] EN
[54] FUEL CELL SYSTEM AND OPERATING METHOD OF FUEL CELL SYSTEM FOR PERFORMING HIGH POTENTIAL AVOIDANCE CONTROL
[54] SYSTEME DE PILE A COMBUSTIBLE ET METHODE D'UTILISATION DU SYSTEME DE PILE A COMBUSTIBLE POUR REALISER UN CONTROLE D'EVIITEMENT A POTENTIEL ELEVE
[72] BONO, TETSUYA, JP
[72] IMANISHI, HIROYUKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911032)
[87] (2911032)
[22] 2015-11-03
[30] JP (2014-230186) 2014-11-12
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[54] SYSTEM AND METHOD FOR MAKING A BEVERAGE
[54] SYSTEME ET PROCEDE DE PREPARATION D'UNE BOISSON
[72] BARBALES, JORGE, CA
[72] BOILY, ALAIN, CA
[72] GRANT, STEPHEN, CA
[72] ST-GERMAIN, MARC, CA
[72] VAILLANT, MARC-ANDRE, CA
[73] VKI TECHNOLOGIES INC., CA
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[54] METHOD OF MANUFACTURING FUEL CELL AND REMOVAL OF ORGANIC MATTER THEREOF

[54] METHODE DE FABRICATION DE PILE A COMBUSTIBLE ET EXTRACTION DE MATIERE ORGANIQUE DE LADITE PILE A COMBUSTIBLE

[72] USAMI, SHO, JP

[72] YAEGASHI, MEGUMI, JP

[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP

[86] (2911538)

[87] (2911538)

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[54] MONTANTS DESTINES A LA CONSTRUCTION DE BATIMENT ET METHODES D'INSTALLATION ASSOCIEES

[72] KENNELY, BERNARD JOSEPH, AU

[72] PAULL, MIKE, US

[73] ILLINOIS TOOL WORKS INC., US

[86] (2912851)

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[30] AU (2014904787) 2014-11-26

[30] AU (2015902094) 2015-06-02

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[25] EN

[54] METHOD OF CONVERSION OF A DRILLING MUD TO A GEL-BASED LOST CIRCULATION MATERIAL TO COMBAT LOST CIRCULATION DURING CONTINUOUS DRILLING

[54] PROCEDE DE CONVERSION D'UNE BOUE DE FORAGE EN UN MATERIAU DE PERTE DE CIRCULATION A BASE DE GEL POUR COMBATTRE LA PERTE DE CIRCULATION DURANT LE FORAGE CONTINU

[72] AMANULLAH, MD., SA

[72] ALSUBAIE, TURKI THUWAINI MOHAMMED, SA

[72] BUBSHAIT, ABDULAZIZ SALAH, SA

[72] AL-FUWAIRIES, OMAR ABDULWAHAB, SA

[73] SAUDI ARABIAN OIL COMPANY, SA

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[54] SYSTEM AND METHOD FOR FORMATION DETECTION AND EVALUATION

[54] SYSTEME ET PROCEDE PERMETTANT UNE DETECTION ET UNE EVALUATION DE FORMATION

[72] BENSON, TODD W., US

[72] STOKELD, BRIAN EUGENE, US

[72] LOCKHART, DWIGHT A., US

[73] MOTIVE DRILLING TECHNOLOGIES, INC., US

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[25] EN

[54] PULVERULENT NI,CO MIXED HYDROXIDE FOR USE IN THE PRODUCTION OF ELECTROCHEMICAL CELLS

[54] DISPOSITIF ET PROCEDE DE PRODUCTION DE COMPOSES PAR PRECIPITATION

[72] OLBRICH, ARMIN, DE

[72] MEESE-MARKTSCHEFFEL, JULIANE, DE

[72] JAHN, MATTHIAS, DE

[72] ZERTANI, RUDIGER, DE

[72] MAIKOWSKE, GERD, DE

[72] ALBRECHT, SVEN, DE

[72] MALCUS, STEFAN, DE

[72] SCHMOLL, JOSEF (DECEASED), DE

[72] KRUFT, MICHAEL, CA

[73] H.C. STARCK TUNGSTEN GMBH, DE

[86] (2915162)

[87] (2915162)

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[30] DE (10 2006 015 538.6) 2006-03-31

[11] 2,915,391

[13] C

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[25] EN

[54] PROVIDING ACCESS TO CONFIGURABLE PRIVATE COMPUTER NETWORKS

[54] FOURNITURE D'ACCES A DES RESEAUX INFORMATIQUES PRIVES CONFIGURABLES

[72] BRANDWINE, ERIC JASON, US

[72] BRANDWINE, CLARISSA LOREE COOK, US

[72] COHN, DANIEL T., US

[72] DOANE, ANDREW J., US

[72] MOSES, CARL J., US

[72] SCHMIDT, STEPHEN E., US

[73] AMAZON TECHNOLGIES, INC., US

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[51] Int.Cl. H01S 5/10 (2006.01)

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[54] DISPOSITIF A CAVITE ANNULAIRE ET PROCEDE DE FABRICATION ASSOCIE

[72] ZHANG, RUIYING, CN

[73] SUZHOU INSTITUTE OF NANO-TECH AND NANO-BIONICS, CHINESE ACADEMY OF SCIENCES, CN

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[87] (WO2014/201964)

[30] CN (201310241897.2) 2013-06-18

[30] CN (201410188569.5) 2014-05-07

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[13] C

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[54] FONCTIONNALITES DE CATHETER A DIMENSIONNEMENT

AUTOMATIQUE VISANT A PREVENIR LE SERRAGE EXAGERE DE L'ELECTRODE

[72] BAGLEY, CHRISTOPHER L., US

[72] JAMESON, ALLEN D., US

[72] HUSZAR, HILLARY K., US

[73] COVIDIEN LP, US

[86] (2917513)

[87] (2917513)

[22] 2016-01-14

[30] US (62/110,835) 2015-02-02

[30] US (14/925,613) 2015-10-28

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[25] EN

[54] NUCLEIC ACID MOLECULES ENCODING A PHYTOENE SYNTHASE

[54] MOLECULES D'ACIDE NUCLEIQUE CODANT UNE SYNTHASE PHYTOENE

[72] YE, XUDONG, US

[72] PETERSEN, MICHAEL W., US

[72] HUANG, SHIHSHIEH, US

[72] CHOMET, PAUL S., US

[72] WALTERS, DAVID, US

[72] JOHNSON, SUSAN, US

[72] GILBERTSON, LARRY, US

[73] MONSANTO TECHNOLOGY LLC, US

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[22] 2007-05-11

[62] 2,653,231

[30] US (60/799,875) 2006-05-12

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[25] EN

[54] SYSTEM AND METHOD FOR CONFIGURING POSITIONS IN A SURGICAL POSITIONING SYSTEM

[54] SYSTEME ET METHODE DE CONFIGURATION DE POSITIONS DANS UN SYSTEME DE POSITIONNEMENT CHIRURGICAL

[72] DELL, TREVOR JAMES, CA

[72] WHITE, ADAM KEITH, CA

[72] MCFADZEAN, DAVID BRUCE, CA

[72] THOMAS, MONROE MILAS, CA

[72] RAKITINE, OLEG VALERIEVITCH, CA

[72] UNGER, MARK LEON, CA

[72] SRIMOHANARAJAH, KIRUSHA, CA

[72] SELA, GAL, CA

[72] ABHARI, KAMYAR, CA

[72] FERNALD, BRADLEY ALLAN, CA

[72] BABBY, WILLIAM DENNIS, CA

[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB

[86] (2917654)

[87] (2917654)

[22] 2016-01-14

[11] 2,919,206

[13] C

[51] Int.Cl. C07H 1/00 (2006.01) A61K 31/7024 (2006.01)

[25] EN

[54] PROCESS FOR THE PRODUCTION OF FONDAPARINUX SODIUM

[54] PROCEDE DE PRODUCTION DE FONDAPARINUX SODIUM

[72] KUO, LUNG-HUANG, CN

[72] CHEN, SHANG-HONG, CN

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- [72] KARNIK, LADISLAV, CZ
- [73] ING. PETR GROSS S.R.O., CZ
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 - [72] MURAKAMI, TAKANOBU, JP
 - [73] ECO FACTORY CO. LTD., JP
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 - [72] ORTNER, FRANZ, AT
 - [73] CHEMISCH THERMISCHE PROZESSTECHNIK GMBH, AT
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- [54] CONDITIONNEMENT DE FLUX D'ALIMENTATION EN VUE DE PROMOUVOIR LA SEPARATION DE FLUIDE D'HYDROCARBURE DE LA MATIERE PARTICULAIRE DANS UN MODULE DE SEDIMENTATION DE MOUSSE
- [72] SURYO, RONALD, US
- [72] SUTTON, CLAY R., US
- [72] HEALY, TIMOTHY M., US
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 [72] WAGNER, JENS, DE
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 [73] ILLINOIS TOOL WORKS INC., US
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[72] CLARK, GILLIAN, GB
[72] VANDAL, BRYAN, CA
[73] ATHABASCA OIL CORPORATION, CA
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[72] BOSSEN, FRANK JAN, US
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 [54] ESTIMATION DE COUVERTURE DE RESEAUX CELLULAIRES SANS FIL AMELIOREE PAR DES MESURES D'EQUIPEMENTS UTILISATEUR (UE) EN MODE VEILLE
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 [73] INTEL CORPORATION, US
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 [54] AMELIORATION DE LA BEAUTE ESTHETIQUE DE GRIFFES UTILISEES POUR RETENIR DES PIERRES DANS UNE MONTURE DE JOAILLERIE AU MOYEN DE GRIFFES A FACETTES STYLISEES
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 [73] JEWELEX NEW YORK, LTD., US
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 [54] PROMOTEUR D'ADHERENCE POUR COMPOSITE ADHESIF EN MATIERE PLASTIQUE ET EN UN PRODUIT DE POLYADDITION DE POLYISOCYANATE
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 [72] TISCHER, GERLINDE, DE
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 - [72] DEVOOGDT, NICK, BE
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- [72] DUNN, JAMES A., CA
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[73] FRESENIUS KABI DEUTSCHLAND GMBH, DE
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[73] FETU LIMITED, GB
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<p style="text-align: right;">[21] 2,961,086 [13] A1</p> <p>[51] Int.Cl. A47J 31/00 (2006.01) A47J 31/06 (2006.01) A47J 31/18 (2006.01) A47J 31/20 (2006.01)</p> <p>[25] EN</p> <p>[54] ICED TEA PRESS AND METHOD OF USING SAME</p> <p>[54] PRESSE A THE GLACE ET METHODE D'UTILISATION ASSOCIEE</p> <p>[72] SHAW, DAVID, CA</p> <p>[71] DAVIDSTEA INC., CA</p> <p>[22] 2017-03-14</p> <p>[41] 2018-09-14</p>	<p style="text-align: right;">[21] 2,962,063 [13] A1</p> <p>[51] Int.Cl. B01D 11/02 (2006.01) B01D 3/40 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND DEVICE FOR THE FAST EXTRACTION OF CHEMICALS IN A SUBSTRATE USING A HYDROCARBON SOLVENT</p> <p>[54] METHODE ET DISPOSITIF D'EXTRACTION RAPIDE DE PRODUITS CHIMIQUES DANS UN SUBSTRAT AU MOYEN D'UN SOLVANT AUX HYDROCARBURES</p> <p>[72] NOBLE, LINDEN, CA</p> <p>[71] NOBLE, LINDEN, CA</p> <p>[22] 2017-03-23</p> <p>[41] 2018-09-15</p> <p>[30] US (15/459,989) 2017-03-15</p>	<p style="text-align: right;">[21] 2,965,321 [13] A1</p> <p>[51] Int.Cl. A42B 3/18 (2006.01) A42B 3/04 (2006.01)</p> <p>[25] EN</p> <p>[54] FOOTBALL HELMET WITH CHEEK SUPPORTS</p> <p>[54] CASQUE DE FOOTBALL DOTE DE SUPPORTS DE JOUES</p> <p>[72] ERB, ROBERT, US</p> <p>[72] VANHOUTIN, LOUIS ANTHONY, US</p> <p>[72] WARMOUTH, CORTNEY, US</p> <p>[71] KRANOS IP CORPORATION, US</p> <p>[22] 2017-04-27</p> <p>[41] 2018-09-10</p> <p>[30] US (15/456,279) 2017-03-10</p>
<p style="text-align: right;">[21] 2,961,219 [13] A1</p> <p>[51] Int.Cl. F04D 7/04 (2006.01) B26D 1/143 (2006.01) F04D 29/22 (2006.01)</p> <p>[25] EN</p> <p>[54] CHOPPER PUMP WITH DOUBLE-EDGED CUTTING BARS</p> <p>[54] POMPE DE HACHEUR DOTEE DE BARRES DE COUPE A DOUBLE BORD</p> <p>[72] KEERAN, KENT, US</p> <p>[72] SWENSON, ARNE, US</p> <p>[71] VAUGHAN COMPANY, INC., US</p> <p>[22] 2017-03-17</p> <p>[41] 2018-09-13</p> <p>[30] US (15/457,405) 2017-03-13</p>	<p style="text-align: right;">[21] 2,964,408 [13] A1</p> <p>[51] Int.Cl. C04B 30/00 (2006.01) B28B 1/00 (2006.01) B28B 17/02 (2006.01)</p> <p>[25] FR</p> <p>[54] CRYSTALLIZED SAND BLOCK</p> <p>[54] BLOC DE SABLE CRYSTALLISE</p> <p>[72] GRAVEL, ANDRE A.G., CA</p> <p>[71] GRAVEL, ANDRE A.G., CA</p> <p>[22] 2017-05-11</p> <p>[41] 2018-09-10</p> <p>[30] CA (2,960,488) 2017-03-10</p>	<p style="text-align: right;">[21] 2,965,458 [13] A1</p> <p>[51] Int.Cl. H02G 3/06 (2006.01) H01R 4/66 (2006.01) H02G 15/02 (2006.01)</p> <p>[25] EN</p> <p>[54] CONNECTION ADAPTER</p> <p>[54] ADAPTATEUR DE CONNEXION</p> <p>[72] HAAS, EDWIN, DE</p> <p>[72] PATEL, DHARMESH, DE</p> <p>[72] MAKKI, NOAMAN, DE</p> <p>[72] HUGHES, STEVEN, DE</p> <p>[71] WIELAND ELECTRIC GMBH, DE</p> <p>[22] 2017-04-27</p> <p>[41] 2018-09-15</p> <p>[30] DE (20 2017 101 492.4) 2017-03-15</p>

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[51] Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)	[51] Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)	[51] Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)
[25] EN	[25] EN	[25] EN
[54] SOYBEAN CULTIVAR CL1463812	[54] SOYBEAN CULTIVAR CL1463739	[54] SOYBEAN CULTIVAR AR1215867-1
[54] CULTIVAR DE SOYA CL1463812	[54] CULTIVAR DE SOYA CL1463739	[54] CULTIVAR DE SOYA AR1215867-1
[72] DELHEIMER, JACOB CHARLES, US	[72] LEE, DAVID SCOTT, CA	[72] LEE, DAVID SCOTT, CA
[72] ERDAHL, BRIAN SCOTT, US	[72] ERDAHL, BRIAN SCOTT, US	[72] DELHEIMER, JACOB CHARLES, US
[71] SYNGENTA PARTICIPATIONS AG, CH	[71] SYNGENTA PARTICIPATIONS AG, CH	[72] MCCLURE, DONALD BRUCE, CA
[22] 2017-05-01	[22] 2017-05-29	[71] SYNGENTA PARTICIPATIONS AG, CH
[41] 2018-09-09	[41] 2018-09-13	[22] 2017-05-29
[30] US (15/454,311) 2017-03-09	[30] US (15/456,614) 2017-03-13	[41] 2018-09-13
[21] 2,965,778	[21] 2,968,728	[21] 2,968,768
[13] A1	[13] A1	[13] A1
[51] Int.Cl. C12N 5/04 (2006.01) A23K 10/30 (2016.01) A23L 11/00 (2016.01) A23L 25/00 (2016.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) A23D 9/00 (2006.01) A23J 1/14 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)	[51] Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)	[51] Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)
[25] EN	[25] EN	[25] EN
[54] SOYBEAN CULTIVAR CL1463914	[54] SOYBEAN CULTIVAR AR1319046	[54] SOYBEAN CULTIVAR CL1463761
[54] CULTIVAR DE SOYA CL1463914	[54] CULTIVAR DE SOYA AR1319046	[54] CULTIVAR DE SOYA CL1463761
[72] THRELKELD, KEVIN CHRIS, US	[72] LEE, DAVID SCOTT, CA	[72] LEE, DAVID SCOTT, CA
[72] ERDAHL, BRIAN SCOTT, US	[72] MCCLURE, DONALD BRUCE, CA	[72] ERDAHL, BRIAN, US
[71] SYNGENTA PARTICIPATIONS AG, CH	[71] SYNGENTA PARTICIPATIONS AG, CH	[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-01	[22] 2017-05-29	[22] 2017-05-29
[41] 2018-09-09	[41] 2018-09-14	[41] 2018-09-13
[30] US (15/454,351) 2017-03-09	[30] US (15/458,039) 2017-03-14	[30] US (15/456,606) 2017-03-13
[21] 2,968,583	[21] 2,968,738	[21] 2,968,769
[13] A1	[13] A1	[13] A1
[51] Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)	[51] Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)	[51] Int.Cl. C12N 5/04 (2006.01) A01H 6/54 (2018.01) A01H 1/00 (2006.01) A01H 5/00 (2018.01) A01H 5/10 (2018.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01)
[25] EN	[25] EN	[25] EN
[54] SOYBEAN CULTIVAR AR1215342	[54] SOYBEAN CULTIVAR AR1215867-2	[54] SOYBEAN CULTIVAR AR1410821
[54] CULTIVAR DE SOYA AR1215342	[54] CULTIVAR DE SOYA AR1215867-2	[54] CULTIVAR DE SOYA AR1410821
[72] LEE, DAVID SCOTT, CA	[72] LEE, DAVID SCOTT, CA	[72] LEE, DAVID SCOTT, CA
[72] MCCLURE, DONALD BRUCE, CA	[72] MCCLURE, DONALD BRUCE, CA	[72] MCCLURE, DONALD BRUCE, CA
[71] SYNGENTA PARTICIPATIONS AG, CH	[71] SYNGENTA PARTICIPATIONS AG, CH	[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-05-29	[22] 2017-05-29	[22] 2017-05-29
[41] 2018-09-13	[41] 2018-09-14	[41] 2018-09-14
[30] US (15/456,620) 2017-03-13	[30] US (15/457,070) 2017-03-13	[30] US (15/458,036) 2017-03-14

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- [54] SOYBEAN CULTIVAR CW1410185
- [54] CULTIVAR DE SOYA CW1410185
- [72] DELHEIMER, JACOB CHARLES, US
- [72] MCCLURE, DONALD BRUCE, CA
- [72] LEE, DAVID SCOTT, CA
- [71] SYNGENTA PARTICIPATIONS AG, CH
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- [25] EN
- [54] PROCESS FOR PRODUCING SYNTHETIC FLUORITE GRAINS
- [54] PROCEDE DE PRODUCTION DE GRAINS DE FLUORINE SYNTHETIQUE
- [72] LEE, TE-SHOU, TW
- [72] LEE, CHUN-HAO, TW
- [72] KUO, YEN-CHIH, TW
- [72] CHEN, SHIN-MIN, TW
- [72] LIANG, WEI LONG, TW
- [71] LEE, TE-SHOU, TW
- [71] LEE, CHUN-HAO, TW
- [71] KUO, YEN-CHIH, TW
- [71] CHEN, SHIN-MIN, TW
- [71] LIANG, WEI LONG, TW
- [22] 2017-06-16
- [41] 2018-09-13
- [30] CN (201710145882.4) 2017-03-13

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- [54] LIQUID INTRODUCTION SYSTEMS FOR CONVEYOR SYSTEM
- [54] SYSTEMES D'INTRODUCTION DE LIQUIDE DESTINE A UN SYSTEME DE CONVOYEUR
- [72] STEPHENSON, ROBERT, CA
- [72] BOELRYK, BART, CA
- [71] STEPHENSON TECHNOLOGIES INC., CA
- [22] 2017-06-23
- [41] 2018-09-09
- [30] US (62/469,364) 2017-03-09

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- [25] EN
- [54] GAME CONTROLLER WITH FLEXIBLE BRIDGE SUPPORTING TOUCH SCREEN
- [54] COMMANDE DE JEU DOTEE D'UN ECRAN TACTILE SUR UN PONT SOUPLE
- [72] TOWNLEY, FRASER, US
- [72] GAMBLE, KELLY D., US
- [71] WIKIPAD, INC., US
- [22] 2017-08-02
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- [30] US (15/457,571) 2017-03-13

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- [25] EN
- [54] COMBINATION COMPUTING DEVICE AND GAME CONTROLLER WITH TOUCH SCREEN INPUT
- [54] COMBINAISON D'APPAREIL INFORMATIQUE ET DE COMMANDE DE JEU A ECRAN TACTILE
- [72] TOWNLEY, FRASER, US
- [72] GAMBLE, KELLY D., US
- [71] WIKIPAD, INC., US
- [22] 2017-08-02
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- [25] EN
- [54] CONCRETE FORM SYSTEM
- [54] SYSTEME DE MOULE DE BETON
- [72] GONZALEZ, ADRIAN RIVERA, CA
- [71] GONZALEZ, ADRIAN RIVERA, CA
- [22] 2017-08-28
- [41] 2018-09-09
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<p>[21] 2,982,795 [13] A1</p> <p>[51] Int.Cl. B01D 53/18 (2006.01) B01D 53/48 (2006.01)</p> <p>[25] EN</p> <p>[54] DESULFURIZATION ABSORPTION TOWER, METHOD FOR SETTING UP THE SAME AND METHOD FOR OPERATING THE SAME</p> <p>[54] TOUR D'ABSORPTION DE DESULFURATION, METHODE D'ETABLISSEMENT DE LADITE TOUR ET METHODE D'EXPLOITATION DE LADITE TOUR</p> <p>[72] LUO, JING, CN</p> <p>[72] ZHANG, CONGZHI, CN</p> <p>[72] LUO, YONGYING, CN</p> <p>[71] JIANGSU NEW CENTURY JIANGNAN ENVIRONMENTAL PROTECTION INC., LTD, CN</p> <p>[22] 2017-10-18</p> <p>[41] 2018-09-12</p> <p>[30] CN (201710533738.8) 2017-07-03</p>	<p>[21] 2,986,185 [13] A1</p> <p>[51] Int.Cl. F16M 13/00 (2006.01) A47F 7/00 (2006.01) A47G 1/20 (2006.01) A47G 29/00 (2006.01)</p> <p>[25] EN</p> <p>[54] MAGNETIC MOUNTING APPARATUS ANDS METHOD</p> <p>[54] APPAREIL D'INSTALLATION MAGNETIQUE ET METHODE</p> <p>[72] ZHU, YIRAN, CN</p> <p>[71] SUZHOU UNI-SOLUTION IMPORT AND EXPORT CO., LTD., CN</p> <p>[22] 2017-11-20</p> <p>[41] 2018-09-10</p> <p>[30] CA (2,960,475) 2017-03-10</p>	<p>[21] 2,991,836 [13] A1</p> <p>[51] Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)</p> <p>[25] EN</p> <p>[54] METER ROLLER FOR AN AGRICULTURAL METERING SYSTEM</p> <p>[54] ROULEAU DOSEUR POUR SYSTEME DE DOSAGE AGRICOLE</p> <p>[72] CLOUTIER BOILY, GUILLAUME, CA</p> <p>[72] BENT, ETHAN CURTIS STEPHEN, CA</p> <p>[71] CNH INDUSTRIAL CANADA, LTD., CA</p> <p>[22] 2018-01-12</p> <p>[41] 2018-09-09</p> <p>[30] US (15/454,982) 2017-03-09</p>
<p>[21] 2,991,185 [13] A1</p> <p>[51] Int.Cl. E05B 47/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRIC LOCK AND CLUTCH MECHANISM THEREOF</p> <p>[54] VERROU ELECTRIQUE ET MECANISME D'EMBRAYAGE ASSOCIE</p> <p>[72] HUANG, LIEN-HSI, CN</p> <p>[72] LEE, WEN-CHIEH, CN</p> <p>[71] TAIWAN FU HSING INDUSTRIAL CO., LTD., CN</p> <p>[22] 2018-01-08</p> <p>[41] 2018-09-15</p> <p>[30] TW (106108461) 2017-03-15</p>		

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<p style="text-align: right;">[21] 2,991,849</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)</p> <p>[25] EN</p> <p>[54] FLOW CONTROL INSERT FOR AN AGRICULTURAL METERING SYSTEM</p> <p>[54] INSERTION DE CONTROLE D'ÉCOULEMENT POUR SYSTEME DE DOSAGE AGRICOLE</p> <p>[72] CLOUTIER BOILY, GUILLAUME, CA</p> <p>[71] CNH INDUSTRIAL CANADA, LTD., CA</p> <p>[22] 2018-01-12</p> <p>[41] 2018-09-14</p> <p>[30] US (15/458,659) 2017-03-14</p>	<p style="text-align: right;">[21] 2,991,878</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)</p> <p>[25] EN</p> <p>[54] METER ROLLER FOR AN AGRICULTURAL METERING SYSTEM</p> <p>[54] ROULEAU DOSEUR DESTINE A UN SYSTEME DE DOSAGE AGRICOLE</p> <p>[72] CLOUTIER BOILY, GUILLAUME, CA</p> <p>[71] CNH INDUSTRIAL CANADA, LTD., CA</p> <p>[22] 2018-01-12</p> <p>[41] 2018-09-10</p> <p>[30] US (15/456,290) 2017-03-10</p>	<p style="text-align: right;">[21] 2,991,891</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)</p> <p>[25] EN</p> <p>[54] METER ROLLER FOR AN AGRICULTURAL METERING SYSTEM</p> <p>[54] ROULEAU DOSEUR POUR SYSTEME DE DOSAGE AGRICOLE</p> <p>[72] CLOUTIER BOILY, GUILLAUME, CA</p> <p>[72] THOMPSON, DENNIS GEORGE, CA</p> <p>[72] BENT, ETHAN CURTIS STEPHEN, CA</p> <p>[72] CHAHLEY, DENNIS W., CA</p> <p>[71] CNH INDUSTRIAL CANADA, LTD., CA</p> <p>[22] 2018-01-12</p> <p>[41] 2018-09-09</p> <p>[30] US (15/455,002) 2017-03-09</p>
<p style="text-align: right;">[21] 2,991,850</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)</p> <p>[25] EN</p> <p>[54] METER ROLLER FOR AN AGRICULTURAL METERING SYSTEM</p> <p>[54] ROULEAU DOSEUR POUR SYSTEME DE DOSAGE AGRICOLE</p> <p>[72] CLOUTIER BOILY, GUILLAUME, CA</p> <p>[72] THOMPSON, DENNIS GEORGE, CA</p> <p>[72] BENT, ETHAN CURTIS STEPHEN, CA</p> <p>[72] CHAHLEY, DENNIS W., CA</p> <p>[71] CNH INDUSTRIAL CANADA, LTD., CA</p> <p>[22] 2018-01-12</p> <p>[41] 2018-09-09</p> <p>[30] US (15/455,019) 2017-03-09</p>	<p style="text-align: right;">[21] 2,991,888</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A01C 7/08 (2006.01) A01C 5/06 (2006.01)</p> <p>[25] EN</p> <p>[54] FLOW CONTROL INSERT FOR AN AGRICULTURAL METERING SYSTEM</p> <p>[54] INSERTION DE CONTROLE D'ÉCOULEMENT POUR SYSTEME DE DOSAGE AGRICOLE</p> <p>[72] CLOUTIER BOILY, GUILLAUME, CA</p> <p>[71] CNH INDUSTRIAL CANADA, LTD., CA</p> <p>[22] 2018-01-12</p> <p>[41] 2018-09-14</p> <p>[30] US (15/458,607) 2017-03-14</p>	<p style="text-align: right;">[21] 2,991,963</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01) F16C 33/10 (2006.01)</p> <p>[25] EN</p> <p>[54] INTER-SHAFT BEARING ARRANGEMENT</p> <p>[54] DISPOSITION DE PALIER INTER-ARBRE</p> <p>[72] MACFARLANE, IAN A., CA</p> <p>[71] PRATT & WHITNEY CANADA CORP., CA</p> <p>[22] 2018-01-15</p> <p>[41] 2018-09-14</p> <p>[30] US (15/458,305) 2017-03-14</p>

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[21] 2,991,968	[21] 2,992,684	[21] 2,993,679
[13] A1	[13] A1	[13] A1
[51] Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01) F02C 7/36 (2006.01)	[51] Int.Cl. F01D 25/12 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01) F02C 7/12 (2006.01) F02C 7/18 (2006.01)	[51] Int.Cl. B01F 15/00 (2006.01) A01K 5/00 (2006.01) A01K 5/02 (2006.01)
[25] EN	[25] EN	[25] EN
[54] INTER-SHAFT BEARING CONNECTED TO A COMPRESSOR BOOST SYSTEM	[54] TURBINE HOUSING ASSEMBLY	[54] CONTROL SYSTEM FOR A LIVESTOCK FEED MIXER
[54] PALIER INTER-ARBRE RELIE A UN SYSTEME DE STIMULATION DE COMPRESSEUR	[54] ASSEMBLAGE DE LOGEMENT DE TURBINE	[54] SYSTEME DE CONTROLE D'UN MELANGEUR D'ALIMENTS DE RETAIL
[72] MACFARLANE, IAN A., CA	[72] JAIN, KAPILA, CA	[72] ROWNTREE, BRYAN, US
[72] POWERS, SEAN, CA	[72] PHUTTHAVONG, PATRICIA, CA	[72] VEEDER, JACOB, US
[72] POULIN, MARTIN, CA	[72] TARDIF, MARC, CA	[72] ZIMMERMAN, RODNEY, US
[72] FOREST, JEAN-JACQUES, CA	[72] LEUNG, HO-WING EDMUND, CA	[72] WEPNER, AARON, US
[71] PRATT & WHITNEY CANADA CORP., CA	[71] PRATT & WHITNEY CANADA CORP., CA	[72] BASSETT, WILLIAM, US
[22] 2018-01-15	[22] 2018-01-22	[72] HOFFMAN, THOMAS J., US
[41] 2018-09-14	[41] 2018-09-09	[71] KUHN NORTH AMERICA, INC., US
[30] US (62/471,018) 2017-03-14	[30] US (15/454,589) 2017-03-09	[22] 2018-01-31
[30] US (15/483,174) 2017-04-10		[41] 2018-09-13
		[30] US (15/457,196) 2017-03-13
[21] 2,992,342	[21] 2,993,560	[21] 2,993,985
[13] A1	[13] A1	[13] A1
[51] Int.Cl. F23R 3/00 (2006.01) F02C 3/14 (2006.01) F23R 3/02 (2006.01)	[51] Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)	[51] Int.Cl. B29C 70/38 (2006.01)
[25] EN	[25] EN	[25] EN
[54] CHAMBER FED COMBUSTOR COWL	[54] STRUCTURE FOR ATTACHING BUTTRESS MATERIAL TO ANVIL AND CARTRIDGE OF SURGICAL STAPLING INSTRUMENT	[54] FLAT COMPOSITES HAVING LAYUP FEATURES FOR FORMING INTO 3D SHAPES
[54] CAPOT DE CHAMBRE A COMBUSTION ALIMENTÉ PAR LA CHAMBRE	[54] STRUCTURE DE FIXATION DE MATERIAU DE CONTREFORT A L'ENCLUME ET LA CARTOUCHE D'UN INSTRUMENT D'AGRAFAGE CHIRURGICAL	[54] COMPOSITES PLATS COMPORTANT DES FONCTIONNALITES EN COUCHE SERVANT AU FAÇONNAGE DE FORMES 3D
[72] MCCORMICK, KEITH ALAN, US	[72] ARANYI, ERNIE, US	[72] OGALE, AMOL, US
[72] DENMAN, PAUL ASHLEY, GB	[71] COVIDIEN LP, US	[72] CROTHERS, PHILLIP J., US
[71] ROLLS-ROYCE CORPORATION, US	[22] 2018-01-31	[71] THE BOEING COMPANY, US
[22] 2018-01-18	[41] 2018-09-09	[22] 2018-02-02
[41] 2018-09-13	[30] US (15454,043) 2017-03-09	[41] 2018-09-09
[30] US (62/470783) 2017-03-13		[30] US (15/454875) 2017-03-09
[30] US (15/809835) 2017-11-10		

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<p style="text-align: right;">[21] 2,994,452 [13] A1</p> <p>[51] Int.Cl. H04N 21/4363 (2011.01) H04N 19/37 (2014.01) [25] EN [54] SYSTEMS AND METHODS FOR ADAPTIVE STREAMING USING JPEG 2000 [54] SYSTEMES ET METHODES DE DIFFUSION EN FLUX ADAPTATIVE EMPLOYANT JPEG 2000 [72] JAIN, ABHISHEK, US [72] GREWAL, AMIT, US [72] MOHANTY, KAMINI KANTA, US [71] HONEYWELL INTERNATIONAL INC., US [22] 2018-02-08 [41] 2018-09-13 [30] US (15/456,898) 2017-03-13</p>	<p style="text-align: right;">[21] 2,995,622 [13] A1</p> <p>[51] Int.Cl. E01C 19/05 (2006.01) B03B 5/68 (2006.01) B07B 1/00 (2006.01) B07B 1/06 (2006.01) B07B 13/04 (2006.01) [25] EN [54] APPARATUS FOR WASHING AND GRADING SAND AND AGGREGATE [54] APPAREIL DE LESSIVAGE ET CLASSEMENT DE SABLE ET D'AGREGATS [72] IVANOFF, ENDA, GB [71] CDE GLOBAL LIMITED, GB [22] 2018-02-16 [41] 2018-09-13 [30] GB (1703950.4) 2017-03-13</p>	<p style="text-align: right;">[21] 2,995,864 [13] A1</p> <p>[51] Int.Cl. H02J 13/00 (2006.01) G06N 5/00 (2006.01) H04L 12/22 (2006.01) [25] EN [54] MULTI-MODAL, MULTI-DISCIPLINARY FEATURE DISCOVERY TO DETECT CYBER THREATS IN ELECTRIC POWER GRID [54] FONCTIONNALITE DE DECOUVERTE MULTIMODALE, MULTIDISCIPLINAIRE SERVANT A DETECTER LES CYBERMENACES DANS UN RESEAU DE DISTRIBUTION ELECTRIQUE [72] YAN, WEIZHONG, US [72] ABBASZADEH, MASOUD, US [72] MESTHA, LALIT KESHAV, US [71] GENERAL ELECTRIC COMPANY, US [22] 2018-02-22 [41] 2018-09-09 [30] US (15/454,219) 2017-03-09</p>
<p style="text-align: right;">[21] 2,995,774 [13] A1</p> <p>[51] Int.Cl. B25B 11/00 (2006.01) B23Q 1/25 (2006.01) [25] EN [54] DRIVER SHAFT SUPPORT ASSEMBLIES, SETUP ASSEMBLIES, AND CUTTING ASSEMBLIES [54] ASSEMBLAGES DE SUPPORT D'ARBRE D'ENTRAINEMENT, ASSEMBLAGES D'INSTALLATION ET ASSEMBLAGES DE COUPE [72] EBERLEIN, MARC, US [71] EBERLEIN, MARC, US [22] 2018-02-20 [41] 2018-09-15 [30] US (62/471,814) 2017-03-15</p>		

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<p>[21] 2,995,877 [13] A1</p> <p>[51] Int.Cl. H04L 12/58 (2006.01) H04L 12/16 (2006.01) [25] EN [54] SYSTEMS AND METHODS FOR REAL TIME MESSAGE PROCESSING USING AN EVENT DRIVEN FRAMEWORK [54] SYSTEMES ET METHODES DE TRAITEMENT DE MESSAGE EN TEMPS REEL EMPLOYANT UN CADRE ENTRAINE PAR UN EVENEMENT [72] BHATT, JAPAN, US [72] NAVARIFAR, MAREN MATHEW, US [72] PANDYA, ASUTOSH, US [72] BALASUBRAMANIAN, BHUVANESWARI, US [72] PASAM, VIJAYA KUMAR, US [72] ZAGUMNY, YVONNE, US [71] CAPITAL ONE SERVICES, LLC, US [22] 2018-02-20 [41] 2018-09-09 [30] US (15/669,600) 2017-08-04 [30] US (62/469,173) 2017-03-09</p> <hr/> <p>[21] 2,995,888 [13] A1</p> <p>[51] Int.Cl. E02D 31/02 (2006.01) E02D 5/80 (2006.01) E04B 1/64 (2006.01) [25] EN [54] UNCOUPLING MAT [54] TAPIS DE DEGAGEMENT [72] SCHLUTER, WERNER, DE [71] SCHLUTER, WERNER, DE [22] 2018-02-21 [41] 2018-09-09 [30] DE (20 2017 101 349.9) 2017-03-09</p>	<p>[21] 2,995,929 [13] A1</p> <p>[51] Int.Cl. G10L 15/22 (2006.01) G06F 15/18 (2006.01) G06F 17/20 (2006.01) H04L 12/58 (2006.01) [25] EN [54] SYSTEMS AND METHODS FOR PROVIDING AUTOMATED NATURAL LANGUAGE DIALOGUE WITH CUSTOMERS [54] SYSTEMES ET METHODES DE PRESENTATION AUTOMATISEE DE DIALOGUE EN LANGUE NATURELLE A DES CLIENTS [72] ZOLLER, GREGORY W., US [72] KARP, SCOTT, US [72] JACOB, SUJAY ELIPHAZ, US [72] MUELLER, ERIK, US [72] HAY, STEPHANIE, US [72] PAYNTER, ADAM ROY, US [71] CAPITAL ONE SERVICES, LLC, US [22] 2018-02-20 [41] 2018-09-09 [30] US (15/665,960) 2017-08-01 [30] US (62/469,193) 2017-03-09</p> <hr/> <p>[21] 2,996,112 [13] A1</p> <p>[51] Int.Cl. E05B 45/00 (2006.01) E05B 71/00 (2006.01) [25] EN [54] FOLDING LOCK WITH ALARM DEVICE [54] VERROU PLIANT DOTE D'UN DISPOSITIF D'ALARME [72] BUSEMAN, WINFRIED, DE [71] ABUS AUGUST BREMICKER SOHNE KG, DE [22] 2018-02-22 [41] 2018-09-09 [30] DE (102017105031.0) 2017-03-09</p>	<p>[21] 2,996,150 [13] A1</p> <p>[51] Int.Cl. E21B 7/04 (2006.01) E21B 7/06 (2006.01) E21B 7/24 (2006.01) [25] EN [54] DYNAMIC FRICTION DRILL STRING OSCILLATION SYSTEMS AND METHODS [54] SYSTEMES D'OSCILLATION DE COLONNE DE FORAGE A FRICITION DYNAMIQUE ET METHODES [72] HADI, MAHMOUD, US [72] WHITE, MATTHEW, US [71] NABORS DRILLING TECHNOLOGIES USA, INC., US [22] 2018-02-23 [41] 2018-09-10 [30] US (15/456,292) 2017-03-10</p> <hr/> <p>[21] 2,996,557 [13] A1</p> <p>[51] Int.Cl. B64D 11/00 (2006.01) E05F 15/73 (2015.01) B62D 33/04 (2006.01) B64D 9/00 (2006.01) [25] EN [54] ILLUMINATED STOWAGE BIN ASSEMBLIES WITHIN VEHICLES [54] ASSEMBLAGES DE BAC DE RANGEMENT ILLUMINE A L'INTERIEUR DES VEHICULES [72] SIMMS, RICHARD K., US [72] DAME, STEPHEN G., US [72] CLOUD, MARK L., US [72] SMITH, TODD D., US [71] THE BOEING COMPANY, US [22] 2018-02-26 [41] 2018-09-10 [30] US (62/469600) 2017-03-10 [30] US (15/623611) 2017-06-15</p>
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<p style="text-align: center;">[21] 2,996,592 [13] A1</p> <p>[51] Int.Cl. B64D 11/00 (2006.01) E05F 15/73 (2015.01) B62D 33/04 (2006.01) B64D 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRONICS STOWAGE BIN CONTROL SYSTEMS AND METHODS</p> <p>[54] METHODES ET SYSTEMES DE CONTROLE DE BAC DE RANGEMENT ELECTRONIQUE</p> <p>[72] SIMMS, RICHARD K., US</p> <p>[72] DAME, STEPHEN G., US</p> <p>[72] CLOUD, MARK L., US</p> <p>[72] SMITH, TODD D., US</p> <p>[71] THE BOEING COMPANY, US</p> <p>[22] 2018-02-26</p> <p>[41] 2018-09-10</p> <p>[30] US (62/469600) 2017-03-10</p> <p>[30] US (15/623537) 2017-06-15</p>	<p style="text-align: center;">[21] 2,996,602 [13] A1</p> <p>[51] Int.Cl. B64D 11/00 (2006.01) E05F 15/73 (2015.01) B62D 33/04 (2006.01) B64D 9/00 (2006.01)</p> <p>[25] EN</p> <p>[54] TOUCH-FREE OPERABLE STOWAGE BIN ASSEMBLIES</p> <p>[54] ASSEMBLAGES DE BAC DE RANGEMENT A FONCTIONNEMENT SANS CONTACT</p> <p>[72] SIMMS, RICHARD K., US</p> <p>[72] DAME, STEPHEN G., US</p> <p>[72] CLOUD, MARK L., US</p> <p>[72] SMITH, TODD D., US</p> <p>[71] THE BOEING COMPANY, US</p> <p>[22] 2018-02-26</p> <p>[41] 2018-09-10</p> <p>[30] US (62/469600) 2017-03-10</p> <p>[30] US (15/623584) 2017-06-15</p>	<p style="text-align: center;">[21] 2,996,924 [13] A1</p> <p>[51] Int.Cl. F25J 1/02 (2006.01)</p> <p>[25] EN</p> <p>[54] COPRODUCTION OF LIQUEFIED NATURAL GAS AND ELECTRIC POWER WITH REFRIGERATION RECOVERY</p> <p>[54] COPRODUCTION DE GAZ NATUREL LIQUEFIE ET D'ALIMENTATION ELECTRIQUE A RECUPERATION DE REFRIGERATION</p> <p>[72] REPASKY, JOHN MICHAEL, US</p> <p>[72] KENNEDY, DAVID, US</p> <p>[71] GENERAL ELECTRIC COMPANY, US</p> <p>[22] 2018-03-01</p> <p>[41] 2018-09-13</p> <p>[30] US (15/457,611) 2017-03-13</p>

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<p>[21] 2,997,326 [13] A1</p> <p>[51] Int.Cl. H01M 2/10 (2006.01) E06B 9/322 (2006.01) E06B 9/42 (2006.01) E06B 9/68 (2006.01) H01M 2/30 (2006.01) H02J 7/00 (2006.01)</p> <p>[25] EN</p> <p>[54] BATTERY PACK FOR A MOTORIZED ARCHITECTURAL STRUCTURE COVERING</p> <p>[54] BLOC-PILE DESTINE A UN REVETEMENT DE STRUCTURE ARCHITECTURALE MOTORISE</p> <p>[72] BRACE, CLARK D., US</p> <p>[72] COOPER, CHARLES CULVER GIDDEN, US</p> <p>[72] NELSON, TODD MICHAEL, US</p> <p>[72] LORENZ, DOUGLAS, US</p> <p>[72] THORNE, IAN BRADLEY, US</p> <p>[72] SCHIFFNER, BYRAN JEREMY, US</p> <p>[72] ZAGONE, PETER, US</p> <p>[72] GITARTS, LILLY, US</p> <p>[71] HUNTER DOUGLAS INC., US</p> <p>[22] 2018-03-05</p> <p>[41] 2018-09-09</p> <p>[30] US (62/469,134) 2017-03-09</p> <p>[30] US (62/469,308) 2017-03-09</p> <p>[30] US (62/590,804) 2017-11-27</p>	<p>[21] 2,997,437 [13] A1</p> <p>[51] Int.Cl. B65D 33/02 (2006.01) B65D 85/18 (2006.01)</p> <p>[25] EN</p> <p>[54] SHAPE SHIFTING HAMPER AND BAG</p> <p>[54] MANNE ET SAC A FORME CHANGEANTE</p> <p>[72] BARRE, BERTRAND, FR</p> <p>[72] LEPAGE, FRANCIS, FR</p> <p>[72] FENG, YAN, CA</p> <p>[71] NEATFREAK GROUP INC., CA</p> <p>[22] 2018-03-05</p> <p>[41] 2018-09-15</p> <p>[30] US (62/471,495) 2017-03-15</p> <p>[30] US (15/884,422) 2018-01-31</p>	<p>[21] 2,997,467 [13] A1</p> <p>[51] Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01) A61L 29/12 (2006.01) A61L 31/12 (2006.01) A61M 25/00 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRODE ASSEMBLY HAVING SPINES WITH CONTROLLED FLEXIBILITY</p> <p>[54] ASSEMBLAGE D'ELECTRODE COMPORTANT DES EPINES A FLEXIBILITE CONTROLEE</p> <p>[72] WU, STEVEN, US</p> <p>[72] MIN, SUNGWOO, US</p> <p>[72] WILLIAMS, STUART, US</p> <p>[72] BORJA, MARISA, US</p> <p>[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL</p> <p>[22] 2018-03-06</p> <p>[41] 2018-09-09</p> <p>[30] US (15/454,775) 2017-03-09</p>
<p>[21] 2,997,438 [13] A1</p> <p>[51] Int.Cl. E21B 17/03 (2006.01) E21B 3/02 (2006.01)</p> <p>[25] EN</p> <p>[54] COMBINED MULTI-COUPLER</p> <p>[54] MULTI-RACCORD COMBINE</p> <p>[72] LIESS, MARTIN, DE</p> <p>[72] MOLLIN, WINFRIED, DE</p> <p>[72] RUARK, GRAHAM, US</p> <p>[72] CHANDLER, MARK, US</p> <p>[72] LY, LIZABETH J., US</p> <p>[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US</p> <p>[22] 2018-03-05</p> <p>[41] 2018-09-09</p> <p>[30] US (62/469,431) 2017-03-09</p> <p>[30] US (15/656,684) 2017-07-21</p>	<p>[21] 2,997,438 [13] A1</p> <p>[51] Int.Cl. E21B 17/03 (2006.01) E21B 3/02 (2006.01)</p> <p>[25] EN</p> <p>[54] COMBINED MULTI-COUPLER</p> <p>[54] MULTI-RACCORD COMBINE</p> <p>[72] LIESS, MARTIN, DE</p> <p>[72] MOLLIN, WINFRIED, DE</p> <p>[72] RUARK, GRAHAM, US</p> <p>[72] CHANDLER, MARK, US</p> <p>[72] LY, LIZABETH J., US</p> <p>[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US</p> <p>[22] 2018-03-05</p> <p>[41] 2018-09-09</p> <p>[30] US (62/469,431) 2017-03-09</p> <p>[30] US (15/656,684) 2017-07-21</p>	<p>[21] 2,997,470 [13] A1</p> <p>[51] Int.Cl. H01R 24/00 (2011.01) H01R 24/58 (2011.01) H01R 24/60 (2011.01) H01R 13/64 (2006.01) H05K 1/11 (2006.01)</p> <p>[25] EN</p> <p>[54] PCB SUB-CONNECTORS</p> <p>[54] SOUS-CONNECTEURS DE CARTE DE CIRCUIT IMPRIME</p> <p>[72] GOVARI, ASSAF, IL</p> <p>[72] ALGAWI, YEHUDA, IL</p> <p>[72] SITNITSKY, ILYA, IL</p> <p>[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL</p> <p>[22] 2018-03-06</p> <p>[41] 2018-09-13</p> <p>[30] US (15/456,740) 2017-03-13</p>

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<p style="text-align: right;">[21] 2,997,487 [13] A1</p> <p>[51] Int.Cl. B01D 53/14 (2006.01) A61L 9/00 (2006.01) B01D 53/18 (2006.01) [25] EN [54] METHODS AND EQUIPMENT FOR TREATING INDUSTRIAL GAS STREAMS AND BIOLOGICAL FOULING [54] METHODES ET EQUIPEMENT DESTINES AU TRAITEMENT DES FLUX DE GAZ INDUSTRIELS ET DE L'ENCRASSEMENT BIOLOGIQUE [72] TEMPLE, STEPHEN R., US [71] STEEN RESEARCH, LLC, US [22] 2018-03-06 [41] 2018-09-09 [30] US (15/454,751) 2017-03-09</p>	<p style="text-align: right;">[21] 2,997,725 [13] A1</p> <p>[51] Int.Cl. H01M 2/00 (2006.01) E21B 41/00 (2006.01) H01M 2/02 (2006.01) E21B 47/12 (2012.01) [25] EN [54] BATTERY COIL ENGAGING MEMBERS FOR DOWNHOLE TOOLS [54] ELEMENTS D'ENGAGEMENT DE BOBINE DE BATTERIE DESTINES A DES OUTILS DE FOND DE TROU [72] LOGAN, JUSTIN CHRISTOPHER, CA [72] LOGAN, AARON WILLIAM, CA [71] EVOLUTION ENGINEERING INC., CA [22] 2018-03-09 [41] 2018-09-10 [30] US (62/469,770) 2017-03-10</p>	<p style="text-align: right;">[21] 2,997,743 [13] A1</p> <p>[51] Int.Cl. E04B 1/41 (2006.01) F16B 45/00 (2006.01) F16G 11/00 (2006.01) [25] EN [54] RECESSED CONCRETE ANCHOR [54] ANCORAGE DE BETON ENCASTRE [72] SALM, ROLAND, CA [71] SILVERLINE SAFETY SYSTEMS CORP., CA [22] 2018-03-08 [41] 2018-09-14 [30] US (62/471,205) 2017-03-14</p>
<p style="text-align: right;">[21] 2,997,715 [13] A1</p> <p>[51] Int.Cl. G06Q 30/06 (2012.01) G06F 17/30 (2006.01) [25] EN [54] WEB ADDRESS AGNOSTIC TRANSACTION CONSOLIDATING MULTI-MERCHANT PURCHASES [54] TRANSACTION AGNOSTIQUE D'ADRESSE WEB CONSOLIDANT DES ACHATS CHEZ PLUSIEURS MARCHANDS [72] BALAN, RICHARD M., CA [71] BALAN, RICHARD M., CA [22] 2018-03-08 [41] 2018-09-10 [30] US (62/469,737) 2017-03-10</p>	<p style="text-align: right;">[21] 2,997,732 [13] A1</p> <p>[51] Int.Cl. G08B 25/01 (2006.01) G06Q 10/08 (2012.01) H04W 4/38 (2018.01) G08B 17/10 (2006.01) H04B 7/24 (2006.01) H04W 4/90 (2018.01) [25] EN [54] A CONTROL SYSTEM [54] UN MECANISME DE CONTROLE [72] COWLES, CHRISTOPHER JOHN, GB [72] HADEN, COLIN, GB [72] HILTON, DERRICK ERNEST, GB [72] KANDZIORA, CHRISTINE, DE [71] LINDE AKTIENGESELLSCHAFT, DE [22] 2018-03-08 [41] 2018-09-09 [30] EP (17160168.5) 2017-03-09</p>	<p style="text-align: right;">[21] 2,997,765 [13] A1</p> <p>[51] Int.Cl. H01R 4/66 (2006.01) G02B 6/44 (2006.01) [25] EN [54] FIBER OPTIC CABLE EXTERNAL SHIELD CONNECTOR [54] CONNECTEUR DE Gaine EXTERNE DE CABLE DE FIBRES OPTIQUES [72] SKOLOZDRA, STEPHEN A., US [72] CARROZZO, JOHN K., US [71] ELECTRIC MOTION COMPANY, INC., US [22] 2018-03-08 [41] 2018-09-09 [30] US (62/469,152) 2017-03-09</p>

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<p style="text-align: right;">[21] 2,997,872 [13] A1</p> <p>[51] Int.Cl. H02K 5/173 (2006.01)</p> <p>[25] EN</p> <p>[54] CAP FOR A ROTATING ELECTRIC MACHINE</p> <p>[54] CAPOT D'UNE MACHINE ELECTRIQUE TOURNANTE</p> <p>[72] ZANGHELINI, MAURICIO, BR</p> <p>[71] WEG EQUIPAMENTOS ELETRICOS S.A., BR</p> <p>[22] 2018-03-09</p> <p>[41] 2018-09-10</p> <p>[30] US (62/469,951) 2017-03-10</p>	<p style="text-align: right;">[21] 2,997,879 [13] A1</p> <p>[51] Int.Cl. H02K 11/21 (2016.01) H02K 41/02 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD FOR DETERMINING THE ABSOLUTE POSITION OF A ROTOR OF A LINEAR MOTOR</p> <p>[54] METHODE DE DETERMINATION DE LA POSITION ABSOLUE D'UN ROTOR D'UN MOTEUR LINEAIRE</p> <p>[72] WEBER, ANDREAS, AT</p> <p>[72] PLAINTER, MANUEL, AT</p> <p>[71] B&R INDUSTRIAL AUTOMATION GMBH, AT</p> <p>[22] 2018-03-09</p> <p>[41] 2018-09-13</p> <p>[30] AT (A50198/2017) 2017-03-13</p>	<p style="text-align: right;">[21] 2,997,888 [13] A1</p> <p>[51] Int.Cl. G06F 17/30 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR MAPPING ATTRIBUTES OF ENTITIES</p> <p>[54] METHODE ET SYSTEME DE MAPPAGE D'ATTRIBUTS D'ENTITES</p> <p>[72] SINGH, KARAMJIT, IN</p> <p>[72] GUPTA, GARIMA, IN</p> <p>[72] SHROFF, GAUTAM, IN</p> <p>[72] AGARWAL, PUNEET, IN</p> <p>[71] TATA CONSULTANCY SERVICES LIMITED, IN</p> <p>[22] 2018-03-09</p> <p>[41] 2018-09-09</p> <p>[30] IN (201721008321) 2017-03-09</p>
<p style="text-align: right;">[21] 2,997,875 [13] A1</p> <p>[51] Int.Cl. H02K 15/14 (2006.01) H02K 5/04 (2006.01)</p> <p>[25] EN</p> <p>[54] CLOSING SYSTEM BETWEEN A CAP AND A STATOR IN AN ELECTRIC MACHINE, PROCESS FOR CLOSING BETWEEN A CAP AND A STATOR IN AN ELECTRIC MACHINE AND STATOR FOR AN ELECTRIC MACHINE</p> <p>[54] SYSTEME DE FERMETURE ENTRE UN CAPOT ET UN STATOR DANS UNE MACHINE ELECTRIQUE, PROCEDE DE FERMETURE ENTRE UN CAPOT ET UN STATOR DANS UNE MACHINE ELECTRIQUE ET STATOR DESTINE A UNE MACHINE ELECTRIQUE</p> <p>[72] ZANGHELINI, MAURICIO, BR</p> <p>[71] WEG EQUIPAMENTOS ELETRICOS S.A., BR</p> <p>[22] 2018-03-09</p> <p>[41] 2018-09-10</p> <p>[30] US (62/469,951) 2017-03-10</p>	<p style="text-align: right;">[21] 2,997,880 [13] A1</p> <p>[51] Int.Cl. H02H 3/16 (2006.01)</p> <p>[25] EN</p> <p>[54] MODULAR GROUND FAULT PROTECTIVE RELAY AND PROTECTION MODULE THEREFOR</p> <p>[54] RELAI PROTECTEUR DE DEFAUT A LA TERRE MODULAIRE ET MODULE DE PROTECTION ASSOCIE</p> <p>[72] EASTON, JASON, US</p> <p>[72] SEFF, PAUL, US</p> <p>[72] KUYKENDALL, JEFFREY, US</p> <p>[72] RIVAS, MICHEL, US</p> <p>[71] EATON INTELLIGENT POWER LIMITED, IE</p> <p>[22] 2018-03-09</p> <p>[41] 2018-09-13</p> <p>[30] US (15/457055) 2017-03-13</p>	<p style="text-align: right;">[21] 2,997,976 [13] A1</p> <p>[51] Int.Cl. B30B 9/04 (2006.01)</p> <p>[25] EN</p> <p>[54] ROSIN PRESS SYSTEM</p> <p>[54] SYSTEME DE PRESSE COLOPHANE</p> <p>[72] SITNIK, SPENCER, US</p> <p>[71] SITNIK, SPENCER, US</p> <p>[22] 2018-03-12</p> <p>[41] 2018-09-10</p> <p>[30] US (62/528,962) 2017-07-05</p> <p>[30] US (62/469,688) 2017-03-10</p>

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<p>[21] 2,998,008 [13] A1</p> <p>[51] Int.Cl. B65D 1/36 (2006.01) B65D 21/032 (2006.01)</p> <p>[25] EN</p> <p>[54] BEVERAGE CRATE</p> <p>[54] CAISSE A CLAIRE-VOIE POUR BOISSONS</p> <p>[72] APPS, SHELBY FRANCES, US</p> <p>[72] WHITFIELD CLARK, SUZANNE, US</p> <p>[72] APPS, WILLIAM P., US</p> <p>[72] PARRA, CRYSTAL Y., US</p> <p>[72] HASSELL, JON P., US</p> <p>[71] REHRIG PACIFIC COMPANY, US</p> <p>[22] 2018-03-13</p> <p>[41] 2018-09-13</p> <p>[30] US (62/470,854) 2017-03-13</p> <p>[30] US (62/474,989) 2017-03-22</p> <p>[30] US (62/483,841) 2017-04-10</p>	<p>[21] 2,998,012 [13] A1</p> <p>[51] Int.Cl. H01F 10/06 (2006.01) G01D 5/12 (2006.01) G01R 33/09 (2006.01) G11C 11/15 (2006.01) H01L 27/22 (2006.01) H01L 43/08 (2006.01)</p> <p>[25] EN</p> <p>[54] APPLICATIONS OF NON-COLLINEARLY COUPLED MAGNETIC LAYERS</p> <p>[54] APPLICATIONS DE COUCHES MAGNETIQUES COUPLEES NON LINEAIREMENT</p> <p>[72] NUNN, ZACHARY RAYMOND, CA</p> <p>[72] GIRT, EROL, CA</p> <p>[71] SIMON FRASER UNIVERSITY, CA</p> <p>[22] 2018-03-12</p> <p>[41] 2018-09-10</p> <p>[30] US (62/470123) 2017-03-10</p> <p>[30] US (62/555625) 2017-09-07</p> <p>[30] CA (PCT/CA2017/051419) 2017-11-24</p> <p>[30] US (62/614928) 2018-01-08</p>	<p>[21] 2,998,015 [13] A1</p> <p>[51] Int.Cl. A47F 1/00 (2006.01) A47F 5/00 (2006.01)</p> <p>[25] EN</p> <p>[54] DISPLAY AND DISPENSING APPARATUS AND METHOD</p> <p>[54] AFFICHEUR ET APPAREIL DE DISTRIBUTION ET METHODE</p> <p>[72] LUBERTO, MICHAEL D., US</p> <p>[72] DESENA, MICHAEL D., US</p> <p>[72] KASSA, GETACHEW, US</p> <p>[72] FORMAN, GARY, US</p> <p>[71] HENSCHEL-STEINAU, INC., US</p> <p>[22] 2018-03-13</p> <p>[41] 2018-09-13</p> <p>[30] US (15/456,896) 2017-03-13</p>
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- [25] EN
- [54] TRAVEL RAZOR
- [54] RASOIR DE VOYAGE
- [72] MANSHOORY, LEILA KASHANI, US
- [71] SPHYNX COLLECTION, LLC, US
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BORIDE LAYER QUALITY IN OIL
COUNTRY TUBULAR GOODS
AND OTHER METAL ARTICLES
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BORURATION DESTINEES A
AMELIORER LA QUALITE DE LA
COUCHE DE BORE DANS LES
PIECES TUBULAIRES ET AUTRES
ARTICLES METALLIQUES
DESTINES AUX LIEUX
D'EXPLOITATION PETROLIERE
- [72] ZIMMERMAN, CRAIG, US
- [72] BUGLIARELLO-WONDRICH, NICK,
US
- [72] HEMMER, JEFF, US
- [71] BWT LLC, US
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AND GATEWAY DATA
- [54] SURVEILLANCE DE DONNEES DE
DISPOSITIF ET DONNEES DE
PASSERELLE
- [72] MCCAG, RHYS, US
- [72] RAMASUBRAMANI,
SEETHARAMAN, US
- [72] KHANPUR, GAURAV, US
- [72] VISHNUBHATT, PADDY, US
- [72] KAVERMAN, EVAN, US
- [72] BERTRAND, ERIC, US
- [72] PEIRO, ANDREA, US
- [72] BARBERIO, JEFFREY, US
- [72] VOS, REMKO, US
- [72] CLARK, JEREMY, US
- [72] LEARDI, STEVEN, US
- [72] RIBE COSTA, ALBERT, US
- [72] FAD, THOMAS, US
- [71] COMCAST CABLE
COMMUNICATIONS, LLC, US
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- [25] EN
- [54] METHOD FOR USING
BORONIZING REACTION GASES
AS A PROTECTIVE
ATMOSPHERE DURING
BORONIZING, AND REACTION
GAS NEUTRALIZING
TREATMENT
- [54] METHODE D'UTILISATION DE
GAZ DE REACTION DE
BORURATION COMME
ATMOSPHERE PROTECTEUR
PENDANT LA BORURATION, ET
TRAITEMENT NEUTRALISANT
LE GAZ DE REACTION
- [72] ZIMMERMAN, CRAIG, US
- [72] HEDMAN, JIM, US
- [72] BUGLIARELLO-WONDRICH, NICK,
US
- [72] HEMMER, JEFF, US
- [71] BWT LLC, US
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- [25] EN
- [54] POST-BORIDING PROCESSES
FOR TREATING PIPE AND
RECOVERING BORONIZING
POWDER
- [54] PROCEDE POST BORURATION
SERVANT A TRAITER LES
TUYAUX ET A RECOUVRIR DE
POUDRE DE BORURATION
- [72] ZIMMERMAN, CRAIG, US
- [72] HEDMAN, JIM, US
- [72] HEMMER, JEFF, US
- [71] BWT LLC, US
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<p style="text-align: right;">[21] 2,998,089</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. A01G 9/24 (2006.01) A01G 9/00 (2018.01)</p> <p>[25] EN</p> <p>[54] UNDER FLOW AIR SYSTEM FOR AGRICULTURE</p> <p>[54] SYSTEME D'AIR DE SOUS-ECOULEMENT DESTINE A L'AGRICULTURE</p> <p>[72] HUTTO, SHANE, US</p> <p>[71] HORTICULTURAL SOLUTIONS LTD., US</p> <p>[22] 2018-03-14</p> <p>[41] 2018-09-14</p> <p>[30] US (62/470,982) 2017-03-14</p>	<p style="text-align: right;">[21] 2,998,161</p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. E21B 43/24 (2006.01) E21B 43/22 (2006.01)</p> <p>[25] EN</p> <p>[54] BLOWDOWN METHOD FOR THERMAL RECOVERY PROCESSES</p> <p>[54] METHODE DE PURGE RAPIDE DESTINEE AUX PROCEDES DE RECUPERATION THERMIQUE</p> <p>[72] GAMAGE, SILUNI, US</p> <p>[71] CONOCOPHILLIPS COMPANY, US</p> <p>[22] 2018-03-14</p> <p>[41] 2018-09-14</p> <p>[30] US (15/920,932) 2018-03-14</p> <p>[30] US (62/470,922) 2017-03-14</p>	

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[71] VELSIM SISTEMAS E TECNOLOGIA VIARIA S/A, BR
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[72] FALIVENE ALDEA, ORIOL, NL
[72] FRASCATI, ALESSANDRO, NL
[72] BOLLA PITTLUGA, MICHELE, NL
[72] POTTER, RUSSELL DAVID, US
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- [72] ADEYEMI, ADEKUNLE, CA
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[54] AGENTS POLYMERES ET COMPOSITIONS ANTICORROSION
[72] MARDEL, JAMES IVAN, AU
[72] COLE, IVAN STUART, AU
[72] WHITE, PAUL ANDREW, AU
[72] HUGHES, ANTHONY EWART, AU
[72] MARKLEY, TRACEY ANNE, AU
[72] HARVEY, TIMOTHY GRAHAM, AU
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[72] BRENT, JOHN LESLIE, JR., US
[72] SINGER, JAMES MICHAEL, US
[72] MELLIN, GUSTAV ANDRE, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[72] BLIER, KENNETH, US
[72] RUNNER, GREGORY, US
[72] MASTRI, DOMINICK, US
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[54] PROCEDE DE PRODUCTION D'UN DESCRIPTIF D'UN BAGAGE ET SYSTEME DE DESCRIPTION DE BAGAGE
[72] HAGER, GERHARD, DE
[72] HOHLWEGLER, JURGEN, DE
[72] MUECK, BENGT, DE
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[54] LANCE-BILLE ET SYSTEME DE JEU A BILLE COMPRENANT LEDIT LANCE-BILLE
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[54] LANCEUR DE BILLE ET SYSTEME DE JEU DE BILLE COMPRENANT LEDIT LANCEUR DE BILLE

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TENDRE LES TRAINS DE
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[54] CHAIN TENSIONER, MACHINE
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THE FORM OF SHEETS AND
METHOD FOR TENSIONING THE
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[54] DISPOSITIF DE GONFLAGE A
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[72] WEERAKOON, PRASAD, US

[72] HEYBORNE, RUSSELL D., US

[71] MERIT MEDICAL SYSTEMS, INC.,
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[71] AMDT HOLDINGS, INC., US

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<p style="text-align: right;">[21] 3,016,286 [13] A1</p> <p>[51] Int.Cl. G06F 9/54 (2006.01) G06F 17/30 (2006.01) G06Q 10/06 (2012.01)</p> <p>[25] EN</p> <p>[54] ARCHITECTURES AND MECHANISMS FOR PROVIDING ANALYSIS OF COMPLEX OBJECT STRUCTURES</p> <p>[54] ARCHITECTURES ET MECANISMES POUR REALISER L'ANALYSE DE STRUCTURES D'OBJET COMPLEXES</p> <p>[72] LAMBE, CANICE, IE</p> <p>[72] DALY, DONAL, IE</p> <p>[72] BILLINGTON-DYNES, TAMMY, IE</p> <p>[72] RODEN, STEPHEN, IE</p> <p>[71] ALTIFY IRELAND LIMITED, IE</p> <p>[85] 2018-08-30</p> <p>[86] 2017-03-01 (PCT/IB2017/051186)</p> <p>[87] (WO2017/149466)</p> <p>[30] US (62/303,289) 2016-03-03</p> <p>[30] US (15/087,828) 2016-03-31</p>	<p style="text-align: right;">[21] 3,016,329 [13] A1</p> <p>[51] Int.Cl. H02G 3/04 (2006.01) F16L 3/22 (2006.01) F16M 13/02 (2006.01) G02B 6/44 (2006.01) H02G 7/05 (2006.01)</p> <p>[25] EN</p> <p>[54] WATERFALL-TYPE CABLE ROUTER</p> <p>[54] DISPOSITIF D'ACHEMINEMENT DE CABLES EN CASCADE</p> <p>[72] KELLERMAN, DALLAS, US</p> <p>[71] CABLOFIL, INC., US</p> <p>[85] 2018-08-30</p> <p>[86] 2017-03-13 (PCT/US2017/022175)</p> <p>[87] (WO2017/156537)</p> <p>[30] US (15/067,889) 2016-03-11</p> <p>[30] US (15/197,909) 2016-06-30</p> <p>[30] US (15/457,714) 2017-03-13</p>	<p style="text-align: right;">[21] 3,016,441 [13] A1</p> <p>[51] Int.Cl. B60T 15/54 (2006.01) B60T 17/04 (2006.01) B61H 13/34 (2006.01) F16K 11/07 (2006.01) F16K 31/126 (2006.01)</p> <p>[25] EN</p> <p>[54] CUT-OFF VALVE AND HOT WHEEL PROTECTION VALVE ARRANGEMENT</p> <p>[54] SOUPAPE D'ARRET ET AGENCEMENT DE SOUPAPE DE PROTECTION DE ROUE CHAUDE</p> <p>[72] GAUGHAN, EDWARD W., US</p> <p>[72] POTTER, WILLIAM JOHN, US</p> <p>[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US</p> <p>[85] 2018-08-31</p> <p>[86] 2017-03-02 (PCT/US2017/020358)</p> <p>[87] (WO2017/155773)</p> <p>[30] US (15/062,721) 2016-03-07</p>
<p style="text-align: right;">[21] 3,016,337 [13] A1</p> <p>[51] Int.Cl. G02B 27/01 (2006.01) G06T 19/00 (2011.01) G02B 27/22 (2018.01)</p> <p>[25] EN</p> <p>[54] WIDE BASELINE STEREO FOR LOW-LATENCY RENDERING</p> <p>[54] STEREO A LIGNE DE BASE LARGE POUR RENDU A FAIBLE LATENCE</p> <p>[72] KASS, MICHAEL, US</p> <p>[71] MAGIC LEAP, INC., US</p> <p>[85] 2018-08-30</p> <p>[86] 2017-03-15 (PCT/US2017/022554)</p> <p>[87] (WO2017/161019)</p> <p>[30] US (62/308,418) 2016-03-15</p>		

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[25] EN
[54] FEEDING SYSTEMS AND METHODS OF USING FEEDING SYSTEMS
[54] SYSTEMES D'ALIMENTATION ET PROCEDES D'UTILISATION DE SYSTEMES D'ALIMENTATION
[72] LUCEY, DERRICK, US
[72] RIPEPI, MARK, US
[72] GLISAN, ROY A., US
[72] D'ASTOLFO, LEROY E., US
[71] ALCOA USA CORP., US
[85] 2018-08-30
[86] 2017-03-30 (PCT/US2017/025185)
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[30] US (62/315,430) 2016-03-30

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[25] EN
[54] IMPROVED METHODS FOR FINISHING EXTRUDED TITANIUM PRODUCTS
[54] PROCEDES AMELIORES DE FINITION DE PRODUITS EXTRUDES EN TITANE
[72] STROUD, ADAM, US
[72] LI, DONGJIAN, US
[71] ARCONIC INC., US
[85] 2018-08-30
[86] 2017-04-24 (PCT/US2017/029064)
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[25] EN
[54] SAMPLE CUP FEEDING SYSTEM
[54] SYSTEME D'ALIMENTATION DE CUVE D'ECHANTILLON
[72] WILT, ROBERT R., US
[72] FAUSTINI, LUIGI, US
[71] WILT, ROBERT R., US
[71] FAUSTINI, LUIGI, US
[85] 2018-08-31
[86] 2017-03-02 (PCT/US2017/020448)
[87] (WO2017/151920)
[30] US (62/302,430) 2016-03-02

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[25] EN
[54] PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF CANCER
[54] COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DU CANCER
[72] HOFFMAN, STEVEN, US
[71] TYME, INC., US
[85] 2018-08-30
[86] 2017-03-15 (PCT/US2017/022386)
[87] (WO2017/160895)
[30] US (62/308,341) 2016-03-15

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[51] Int.Cl. E21B 33/038 (2006.01)
[25] EN
[54] REUSABLE FIELD-ATTACHABLE WELLHEAD PENETRATOR AND METHOD OF ASSEMBLY AND USE
[54] PENETRATEUR DE TETE DE PUITS REUTILISABLE POUVANT ETRE FIXE SUR SITE ET PROCEDE D'ASSEMBLAGE ET D'UTILISATION
[72] EMERSON, TOD D., US
[71] QUICK CONNECTORS, INC., US
[85] 2018-08-30
[86] 2017-03-15 (PCT/US2017/022590)
[87] (WO2017/161048)
[30] US (62/308,649) 2016-03-15

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[51] Int.Cl. A46B 15/00 (2006.01) A61C 17/22 (2006.01)
[25] EN
[54] ORAL HYGIENE SYSTEM WITH VISUAL RECOGNITION FOR COMPLIANCE MONITORING
[54] SYSTEME D'HYGIENE BUCCALE AVEC RECONNAISSANCE VISUELLE POUR UNE SURVEILLANCE D'OBSERVANCE
[72] SERVAL, THOMAS, FR
[72] NICOLAS, YANN, FR
[72] LANDAU, SAMUEL, FR
[71] KOLIBREE, FR
[85] 2018-08-31
[86] 2016-03-14 (PCT/EP2016/055407)
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[13] A1

[51] Int.Cl. B60B 35/12 (2006.01) B60B 35/14 (2006.01)
[25] EN
[54] COMMERCIAL VEHICLE, IN PARTICULAR HEAVY-DUTY VEHICLE, AND WHEEL ASSEMBLY FOR SUCH A COMMERCIAL VEHICLE
[54] VEHICULE UTILITAIRE, NOTAMMENT VEHICULE POUR CHARGES LOURDES ET GROUPE ESSIEU POUR UN TEL VEHICULE UTILITAIRE
[72] SOLLIK, ROBERT, DE
[72] WURZLER, MATHIAS, DE
[72] MERKEL, FELIX, DE
[71] GOLDHOFER AG, DE
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[86] 2017-03-03 (PCT/EP2017/055041)
[87] (WO2017/149136)
[30] DE (10 2016 203 577.0) 2016-03-04

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[54] ELEMENT DE SUPPORT POUR LE CORPS HUMAIN, TEL QU'UNE SELLE

[72] BIGOLIN, BARBARA, IT

[72] HESS, SEBASTIAN, DE

[72] OVERTHUN, THOMAS, US

[71] SELLE ROYAL S.P.A., IT

[85] 2018-08-31

[86] 2017-04-11 (PCT/IB2017/052085)

[87] (WO2017/178969)

[30] IT (102016000039173) 2016-04-15

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[51] Int.Cl. B01L 3/00 (2006.01) B65D 35/00 (2006.01) G01N 1/10 (2006.01)

[25] EN

[54] METHOD AND DEVICE FOR PREPARING AND EXTRACTING A BIOMOLECULE

[54] PROCEDE ET DISPOSITIF DE PREPARATION ET D'EXTRACTION DE BIOMOLECULE

[72] SAUL, DAVID JAMES, NZ

[71] SAUL, DAVID JAMES, NZ

[85] 2018-08-31

[86] 2016-03-04 (PCT/NZ2016/050032)

[87] (WO2016/144192)

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[13] A1

[51] Int.Cl. H01M 8/04858 (2016.01) H01M 8/026 (2016.01) H01M 8/04701 (2016.01) H01M 8/04746 (2016.01) H01M 8/04791 (2016.01) H01M 8/0662 (2016.01) H01M 8/0668 (2016.01) H01M 8/244 (2016.01) H01M 8/14 (2006.01) H01M 8/0637 (2016.01) H01M 8/249 (2016.01)

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[54] INTEGRATED OPERATION OF MOLTEN CARBONATE FUEL CELLS

[54] FONCTIONNEMENT INTEGRE DE PILES A COMBUSTIBLE A CARBONATE FONDU

[72] BERLOWITZ, PAUL J., US

[72] BARCKHOLTZ, TIMOTHY A., US

[72] DAS, SANDIPAN K., US

[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US

[85] 2018-08-27

[86] 2017-03-03 (PCT/US2017/020694)

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[30] US (62/309,629) 2016-03-17

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[51] Int.Cl. A61B 17/132 (2006.01) A61B 17/135 (2006.01) A61H 39/04 (2006.01)

[25] EN

[54] METHODS AND DEVICES TO REDUCE DAMAGING EFFECTS OF CONCUSSIVE OR BLAST FORCES ON A SUBJECT

[54] PROCEDES ET DISPOSITIFS PERMETTANT DE REDUIRE LES EFFETS PREJUDICIALES DES FORCES DE COMMOTION OU D'EXPLOSION SUR UN SUJET

[72] WISNIEWSKI, DANIEL FRANCIS, US

[72] JONES, SHERRY LYNN, US

[72] LUA, JAMES HUANG, US

[72] VITITOE, KEVIN JOHN, US

[72] LEHMAN, JOSEPH M., US

[72] FLOAT, JAMISON JOSEPH, US

[71] Q30 SPORTS SCIENCE, LLC, US

[85] 2018-08-31

[86] 2017-03-02 (PCT/US2017/020445)

[87] (WO2017/151917)

[30] US (62/302,509) 2016-03-02

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[25] EN

[54] EPHRIN RECEPTOR A2 (EPHA2)- TARGETED DOCETAXEL- GENERATING NANO-LIPOSOME COMPOSITIONS

[54] COMPOSITIONS DE NANOLIPOSOMES GENERANT DU DOCETAXEL ET CIBLANT LE RECEPTEUR DE L'EPHRINE A2 (EPHA2)

[72] DRUMMOND, DARYL C., US

[72] KIRPOTIN, DMITRI B., US

[72] HUANG, ZHAOHUA R., US

[72] TIPPARAJU, SURESH K., US

[72] NOBLE, CHARLES, US

[71] MERRIMACK PHARMACEUTICALS, INC., US

[85] 2018-08-30

[86] 2017-03-16 (PCT/US2017/022624)

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[30] US (62/322,940) 2016-04-15

[30] US (62/338,052) 2016-05-18

[30] US (62/419,012) 2016-11-08

[30] US (62/464,538) 2017-02-28

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[51] Int.Cl. F02B 43/10 (2006.01) F02D 19/02 (2006.01) F02M 21/02 (2006.01) F02M 25/12 (2006.01)

[25] EN

[54] A METHOD OF GENERATING AND DISTRIBUTING A SECOND FUEL FOR AN INTERNAL COMBUSTION ENGINE

[54] PROCEDE DE GENERATION ET DE DISTRIBUTION D'UN SECOND CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE

[72] JOHNSON, EVAN CHARLES, US

[72] FILKINS, ADAM ANTHONY, US

[72] DEMING, HERBERT DANIEL, US

[72] DEAN, HENRY WHITE, US

[72] JENNINGS, PHILLIP EDWARD, US

[71] HYTECH POWER, INC., US

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[86] 2017-03-06 (PCT/US2017/020996)

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[30] US (62/304,935) 2016-03-07

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 - [25] EN
 - [54] STING ACTIVATING NANOVACCINE FOR IMMUNOTHERAPY
 - [54] NANOVACCIN ACTIVANT STING POUR L'IMMUNOTHERAPIE
 - [72] GAO, JINMING, US
 - [72] CHEN, ZHIJIAN, US
 - [72] LUO, MIN, US
 - [72] WANG, ZHAOHUI, US
 - [72] WANG, HUA, US
 - [72] CAI, HAOCHEUNG, US
 - [72] HUANG, GANG, US
 - [72] FU, YANG-XIN, US
 - [71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
 - [85] 2018-08-31
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 - [87] (WO2017/151922)
 - [30] US (62/302,637) 2016-03-02
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- [54] RECIPIENT ET COUVERCLE
- [72] FREEDMAN, JONATHAN R., US
- [72] HUBER, DONALD LEE, US
- [72] TIFFT, BRIAN, US
- [72] LUCAS, FRANKLIN LEE, JR., US
- [71] CSP TECHNOLOGIES, INC., US
- [85] 2018-08-31
- [86] 2017-03-06 (PCT/US2017/021010)
- [87] (WO2017/152189)
- [30] US (62/303,483) 2016-03-04
- [30] US (62/419,275) 2016-11-08

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- [51] Int.Cl. E21B 33/08 (2006.01)
 - [25] EN
 - [54] SYSTEMS AND METHODS FOR CONTROLLING FLOW FROM A WELLBORE ANNULUS
 - [54] SYSTEMES ET PROCEDES DE REGULATION DE DEBIT D'UN ESPACE ANNULAIRE DE PUITS DE FORAGE
 - [72] KULKARNI, AJAY, US
 - [72] SPRINGETT, FRANK, US
 - [72] ZAGOURIS, ANDONI, US
 - [72] BENNETT, DEAN, US
 - [71] NATIONAL OILWELL VARCO, L.P., US
 - [85] 2018-08-31
 - [86] 2017-03-06 (PCT/US2017/021012)
 - [87] (WO2017/152190)
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- [25] EN
- [54] FATTY ACID AND ROSIN ACID ESTER COMPOSITIONS FOR USE AS PLASTICIZERS IN ADHESIVE FORMULATIONS AND ASSOCIATED METHODS OF USE
- [54] COMPOSITIONS D'ACIDE GRAS ET D'ESTER D'ACIDE DE COLOPHANE DESTINEES A UNE UTILISATION COMME AGENTS PLASTIFIANTS DANS DES FORMULATIONS D'ADHESIFS ET PROCEDES D'UTILISATION ASSOCIES
- [72] WIDDERS, JOHN C., US
- [72] FITZGERALD, RUSS N., US
- [72] JOBES, OLIVIA J., US
- [72] NEUMANN, BRETT A., US
- [71] INGEVITY SOUTH CAROLINA, LLC, US
- [85] 2018-08-31
- [86] 2017-03-06 (PCT/US2017/021002)
- [87] (WO2017/152188)
- [30] US (62/303,615) 2016-03-04

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 - [25] EN
 - [54] FRUIT AND VEGETABLE PRODUCTS
 - [54] PRODUITS A BASE DE FRUITS ET DE LEGUMES
 - [72] ROY, SOUMYA, US
 - [72] KHAN, NOMAN, US
 - [72] DEL MERCADO, BARBARA VAZQUEZ, US
 - [72] DENSON, KELLIE, US
 - [71] OCEAN SPRAY CRANBERRIES, INC., US
 - [85] 2018-08-31
 - [86] 2017-03-02 (PCT/US2017/020490)
 - [87] (WO2017/151948)
 - [30] US (62/303,334) 2016-03-03
 - [30] US (62/304,059) 2016-03-04
 - [30] US (62/344,130) 2016-06-01
 - [30] US (62/438,359) 2016-12-22
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- [25] EN
- [54] LONG LASTING COSMETIC COMPOSITIONS
- [54] COMPOSITIONS COSMETIQUES LONGUE DUREE
- [72] KANG, SOO-YOUNG, US
- [72] TURNER, SARA A., US
- [72] TSENG, LING-FANG, US
- [72] JI, ZHAOXIA, US
- [72] SPENGLER, ERIC G., US
- [71] LIVING PROOF, INC., US
- [85] 2018-08-31
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- [87] (WO2017/155906)
- [30] US (62/305,275) 2016-03-08
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 [25] EN
 [54] DNP AND DNP PRODRUG TREATMENT OF NEUROMUSCULAR, NEURODEGENERATIVE, AUTOIMMUNE, DEVELOPMENTAL, CONCUSSION, DRY EYE DISEASE, AND/OR METABOLIC DISEASES
 [54] TRAITEMENT PAR LE DNP ET DES PROMEDICAMENTS DU DNP DES MALADIES NEUROMUSCULAIRES, NEURODEGENERATIVES, AUTOIMMUNES, DES MALADIES DU DEVELOPPEMENT, DE LA COMMOTION, DU SYNDROME DEL'ÉCL SEC, ET/OU DES MALADIES METABOLIQUES
 [72] GEISLER, JOHN GERARD, US
 [72] ALONSO, ROBERT, US
 [72] CROOKS, PETER ANTHONY, US
 [72] PENTHALA, NARSIMHA REDDY, US
 [72] ALBAYATI, ZAINEB, US
 [71] MITOCHON PHARMACEUTICALS, INC., US
 [71] BIOVENTURES, LLC, US
 [85] 2018-08-31
 [86] 2017-03-07 (PCT/US2017/021080)
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 [30] US (62/304,584) 2016-03-07
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 [25] EN
 [54] NON-INVASIVE DETECTION OF SKIN DISEASE
 [54] DETECTION NON INVASIVE D'UNE MALADIE DE PEAU
 [72] SANCHEZ, GABRIEL, US
 [72] LANDAVAZO, FRED, IV, US
 [72] DELP, SCOTT, US
 [72] MONTGOMERY, KATHRYN, US
 [71] ZEBRA MEDICAL TECHNOLOGIES, INC., US
 [85] 2018-08-31
 [86] 2017-03-08 (PCT/US2017/021439)
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 [30] US (62/305,207) 2016-03-08
 [30] US (62/437,507) 2016-12-21
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 [72] DETWEILER, ZACHARY M., US
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 [72] MOSHER, CHARLES C., US
 [72] SMITH, BRUCE E., US
 [72] ATA, ELIAS Z., US
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 [71] CONOCOPHILLIPS COMPANY, US
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 [54] PROCEDES DE FIXATION D'UNE COUCHE INITIALE PENDANT LA FABRICATION ADDITIVE D'UN MATERIAU THERMOPLASTIQUE
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 [72] VAAL, SCOTT G., US
 [71] THERMWOOD CORPORATION, US
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 [54] CONJUGUES ANTICORPS-MEDICAMENT CIBLANT NAPI2B ET LEURS PROCEDES D'UTILISATION
 [72] BERGSTROM, DONALD A., US
 [72] BODYAK, NATALYA D., US
 [72] LOWINGER, TIMOTHY B., US
 [72] PARK, PETER U., US
 [72] POLING, LAURAL., US
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[71] LABORIE MEDICAL TECHNOLOGIES CORP., CA
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[71] GRAF, JUERGEN, DE
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[54] APPAREIL DE SECURITE POUR L'ACTIONNEMENT DE LANCE DE NETTOYAGE HAUTE PRESSION
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[72] GALBRAITH, STEPHEN L., US
[72] SCHNEIDER, JOSEPH, US
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[54] TRANSMISSION DE BICYCLETTE A PLATEAU NON CIRCULAIRE
[72] SCHUBERT, STEFAN, DE
[72] SPRÖTE, TOBIAS, DE
[72] ROCHLITZER, MARCUS, DE
[71] MOVE BIKES GMBH, DE
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[72] CADIZ FLORES, JULIO ENRIQUE, CL
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[54] APPAREILS ET PROCEDES DE TRAITEMENT DE PLAIES AVEC UNE SOURCE DE PRESSION NEGATIVE INTEGREE DANS UN PANSEMENT
[72] ASKEM, BEN ALAN, GB
[72] GOWANS, JOHN PHILIP, GB
[72] HUNT, ALLAN KENNETH FRAZER GRUGEON, GB
[72] BEADLE, VICTORIA, GB
[72] KELBIE, WILLIAM, GB
[72] HESKETH, MARK, GB
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[72] LI, FU, US
[72] KOSTIC, ANA, US
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 - [72] MARTIN, CHRISTOPH, DE
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 - [71] GEORG MARTIN GMBH, DE
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- [72] ALBERTSEN, MARC C., US
- [72] FOX, TIM WAYNE, US
- [72] SIMON, MARISSA, US
- [72] WILLIAMS, MARK E., US
- [71] PIONEER HI-BRED INTERNATIONAL, INC., US
- [71] E.I. DU PONT DE NEMOURS AND COMPANY, US
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 - [72] ORFORD, COLIN, GB
 - [72] CLARKE, CYRIL, GB
 - [72] FARRELL, COLM, GB
 - [72] PARKIN, JACQUELINE, GB
 - [72] DE BUCK, STEFAN, CH
 - [71] MERO BIOPHARMA 1 LIMITED, GB
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- [72] ROCHLITZER, MARCUS, DE
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- [72] WASSMANN, FREDERIK, DE
- [72] FEINDT, SIXTUS GODEHARD, DE
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 - [54] TRAITEMENT DES SYMPTOMES COGNITIFS ET DES TROUBLES DE L'HUMEUR DANS DES TROUBLES NEURODEGENERATIFS ET NEUROPSYCHIATRIQUES AVEC DES AGONISTES DU RECEPTEUR GABAA CONTENANT ALPHAS5
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 - [72] LI, GUANGUAN, US
 - [72] POE, MICHAEL, MING-JIN, US
 - [72] SAVIC, MIROSLAV M., RS
 - [72] SIBILLE, ETIENNE, CA
 - [71] UWM RESEARCH FOUNDATION, INC., US
 - [71] CENTRE FOR ADDICTION AND MENTAL HEALTH, CA
 - [71] UNIVERSITY OF BELGRADE - FACULTY OF PHARMACY, RS
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 - [54] COMPOSITIONS HERBICIDES CONTENANT DU 2-CHLOR-3-(METHYLSULFANYL)-N-(1-METHYL-1H-TETRAZOL-5-YL)-4-(TRIFLUOROMETHYL)BENZAMIDE
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 - [72] TRABOLD, KLAUS, DE
 - [72] AHRENS, HARTMUT, DE
 - [72] ROSINGER, CHRISTOPHER HUGH, DE
 - [72] WALDRAFF, CHRISTIAN, DE
 - [72] KOHN, ARNIM, DE
 - [71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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- [54] DISPOSITIF DE COLLECTE POUR LE DIAGNOSTIC DE PERTES VAGINALES
- [72] NASERI, SARA, US
- [72] THERKELSEN, SOREN, US
- [71] QURASENSE, INC., US
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 - [54] HERBICIDAL COMPOSITIONS CONTAINING ACTIVE SUBSTANCES FROM THE GROUP COMPRISING HPPD INHIBITORS, SAFENERS AND TRIAZINES
 - [54] COMPOSITIONS HERBICIDES CONTENANT DES SUBSTANCES ACTIVES DU GROUPE DES INHIBITEURS DE L'HPPD, DES PHYTOPROTECTEURS ET DES TRIAZINES
 - [72] LORENTZ, LOTHAR, DE
 - [72] TRABOLD, KLAUS, DE
 - [72] SCHMIDT, MATHIAS, DE
 - [72] DE OLIVEIRA, THIAGO, BR
 - [71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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- [72] HAKANSSON, OLA, SE
- [71] ADB SAFEGATE SWEDEN AB, SE
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- [86] 2017-03-07 (PCT/EP2017/055292)
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 - [72] DELANGHE, JORIS, BE
 - [72] SPEECKAERT, MARIJN, BE
 - [72] MONTEYNÉ, TINNE, BE
 - [72] DE BEER, THOMAS, BE
 - [71] UNIVERSITEIT GENT, BE
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- [72] GROMPE, MARKUS, US
- [71] DANA-FARBER CANCER INSTITUTE, INC., US
- [71] OREGON HEALTH & SCIENCE UNIVERSITY, US
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[54] COMPOSITION DE RESINE PHOTODURCISSABLE, PILE A COMBUSTIBLE ET PROCEDE D'ETANCHEITE
[72] SOGA, TETSUNORI, JP
[72] TAKEBE, HIROSHI, JP
[71] THREEBOND CO., LTD., JP
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[54] APPAREIL DE SOUPAPE DE DETENTE, ET SYSTEME ELECTRONIQUE POUR LE COMMANDER
[72] MOSELEY, LORNE RANDALL, US
[72] WILKINS, BRANDON CARLTON, US
[71] KLX INC., US
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[54] PACKAGING DEVICE AND SORTING SYSTEM FOR DIRECTIONAL PACKAGING OF PRODUCTS AND METHOD THEREFOR
[54] DISPOSITIF D'EMBALLAGE ET SYSTEME DE TRI POUR L'EMBALLAGE DIRECTIONNEL DE PRODUITS ET PROCEDE ASSOCIE
[72] NIJLAND, WILHELM JAN, NL
[72] PETERS, DIRK GIJSBERTUS, NL
[72] HARTMAN, TYCHO MARINUS, NL
[71] DE GREEF'S WAGEN-, CARROSSERIE- EN MACHINEBOUW B.V., NL
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[54] RIDER-CONTROLLED TRACKLESS RIDE SYSTEM
[54] SYSTEME DE MANEGE SANS RAIL COMMANDE PAR UN UTILISATEUR
[72] RUSSELL, MICHAEL, US
[72] BOSHEARS, MICHAEL, US
[72] ETTA, LAUREN, US
[71] OCEANEERING INTERNATIONAL, INC., US
[85] 2018-08-31
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[54] PROCEDE, SYSTEME ET PRODUIT-PROGRAMME INFORMATIQUE DE SURVEILLANCE DE RESEAUX D'INFRASTRUCTURES DISTANTS
[72] VIECELLI, GRAHAM, AU
[72] MICHALAK, PAWEŁ, AU
[72] DAVOODIAN, DANIEL, AU
[71] FUGRO ROAMES PTY LTD., AU
[71] FUGRO N.V., NL
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[71] BURKHALTER, JOHN CHARLES, US
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[72] SAES, MARC, NL
[72] VERSTEEGDE, TIJS, NL
[72] LYDECKER, STEPHEN HAIGHT, US
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[54] ENGIN VOLANT A HYDROPTERE COMMANDE EN TEMPS REEL
 [72] BOUSQUET, GABRIEL, US
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[54] PROCEDE ET CATALYSEUR DESTINES A LA PRODUCTION DE CONSTITUANTS A INDICE D'OCTANE ELEVE
 [72] IMSHENETSKIY, VLADIMIR VLADISLAVOVICH, RU
 [72] LISCHINER, JOSEPH IZRAILEVICH, RU
 [72] MALOVA, OLGA VASILYEVNA, RU
 [72] PCHEINTSEV, DENIS VASILYEVICH, RU
 [72] TARASOV, ANDREY LEONIDOVICH, RU
 [71] LIMITED LIABILITY COMPANY "NEW GAS TECHNOLOGIES-SYNTHESIS" (LLC "NGT-SYNTHESIS"), RU
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[54] THIOURETHANE POLYMERS, METHOD OF SYNTHESIS THEREOF AND USE IN ADDITIVE MANUFACTURING TECHNOLOGIES
[54] POLYMERES DE THIOURETHANE, LEUR PROCEDE DE SYNTHESE ET UTILISATION DANS DES TECHNOLOGIES DE FABRICATION ADDITIVE
 [72] ELLSON, GREGORY T., US
 [72] LUND, BENJAMIN R., US
 [72] VOIT, WALTER, US
 [71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
 [71] ADAPTIVE 3D TECHNOLOGIES, US
 [85] 2018-08-22
 [86] 2017-03-14 (PCT/US2017/022268)
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[54] ANTICORPS ANTI-CD40 PRESENTANT UNE ACTIVITE AGONISTE RENFORCEE
 [72] RAVETCH, JEFFREY V., US
 [72] DAHAN, RONY, US
 [71] THE ROCKEFELLER UNIVERSITY, US
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 [86] 2016-06-28 (PCT/US2016/039785)
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[54] FLARE RECOVERY WITH CARBON CAPTURE
[54] RECUPERATION DE GAZ DE TORCHE A CAPTURE DU CARBONE
 [72] PRIM, ERIC, US
 [71] PILOT ENERGY SOLUTIONS, LLC, US
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[54] METHOD AND DEVICE FOR DENTAL VIBRATION
[54] PROCEDE ET DISPOSITIF DE VIBRATION DENTAIRE
 [72] WAY, BRYCE A., US
 [72] JOHNSON, RICHARD, US
 [72] ABATELLI, PHILLIP, US
 [72] MIRZAAGHAEIAN, AMIN HADI, US
 [72] SIEG, JAMES, US
 [72] PHAN, CHRISTOPHER U., US
 [72] NICOZISIS, JONATHAN L., US
 [71] ADVANCED ORTHODONTICS AND EDUCATION ASSOCIATION, LLC, US
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 [54] PROCEDE DE PRODUCTION D'UN DERIVE DE PHENOXYETHANOL
 [72] TOYAMA, TAKAYUKI, JP
 [72] MIYAKE, NAOKI, JP
 [71] SHIONOGI & CO., LTD., JP
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 [54] PROCEDE DE TRAITEMENT D'UN TROUBLE OCULAIRE PAR INHIBITION OU PERTURBATION DE LA FORMATION DU BIOFILM BACTERIEN
 [72] RYNERSON, JAMES M., US
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 [54] APPAREIL DE CHAUFFAGE AYANT DES CARACTERISTIQUES DE RESISTANCE A LA TEMPERATURE DECROISSANTE CIBLEES
 [72] EVERLY, MARK D., US
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 [54] SYSTEMES ET PROCEDES POUR DISPOSITIFS A SEMI-CONDUCTEUR ORGANIQUE AYANT DES COUCHES DE CONTACT PULVERISEES
 [72] HAMMOND, SCOTT R., US
 [72] VAN HEST, MARINUS FRANCISCUS ANTONIUS MARIA, US
 [71] SOLARWINDOW TECHNOLOGIES, INC., US
 [71] ALLIANCE FOR SUSTAINABLE ENERGY, LLC, US
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 [72] FACCIN, STEFANO, US
 [72] HORN, GAVIN BERNARD, US
 [72] LEE, SOO BUM, US
 [72] ZISIMOPoulos, HARIS, US
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 [72] BREILING, MARCO, DE
 [72] ROBERT, JOERG, DE
 [72] KNEISSL, JAKOB, DE
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 [71] FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG, DE
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[54] TECHNIQUES D'INDICATION DE MICRO-SOMMEIL DANS UN SYSTEME DE COMMUNICATION SANS FIL
[72] SUN, JING, US
[72] YOO, TAESANG, US
[72] MONTOJO, JUAN, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
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[54] PROCEDES DE TRAITEMENT DE CANCERS AU MOYEN D'ANTAGONISTES SE LIANT A L'AXE PD-1 ET D'ANTICORPS ANTI-GPC3
[72] ENDO, MIKA, JP
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[72] OHTOMO, TOSHIHIKO, JP
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[72] EVERLY, MARK D., US
[72] CULBERTSON, DAVID P., US
[72] PRADUN, JAMES N., US
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[54] IMMUNOHISTOCHIMIE MULTIPLEXEE UTILISANT DES ANTICORPS RECOMBINANTS AVEC DES MARQUEURS D'EPITOPE
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[72] MAY, ERIC, US
[72] TANG, LEI, US
[72] ZHANG, WENJUN, US
[72] HUBBARD, ANTONY, US
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[72] HIROKANE, TAKESHI, JP
[72] ISHII, KENTARO, JP
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[72] ARAI, HIROKATSU, JP
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[72] EVERLY, MARK D., US
[72] JAMBOR, GEORGE F., US
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[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US
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[72] VASH, BRIAN EDWARD, US
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[71] COOL GEAR INTERNATIONAL, LLC, US
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- [72] LUO, TAO, US
- [72] SUBRAMANIAN, SUNDAR, US
- [72] SADIQ, BILAL, US
- [72] CEZANNE, JUERGEN, US
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- [72] LI, JUNYI, US
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[72] ZENG, WEI, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] GAAL, PETER, US
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
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[72] NOGGLE, SCOTT, US
[72] CHANG, STEPHEN, US
[72] FOSSATI, VALENTINA, US
[71] NEW YORK STEM CELL FOUNDATION, INC., US
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[54] PROTEINES DE FUSION FOLLISTATINE-FC RECOMBINANTES ET LEUR UTILISATION DANS LE TRAITEMENT DE LA DYSTROPHIE MUSCULAIRE DE DUCHENNE
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[72] NORTON, ANGELA W., US
[72] SHEN, CHUAN, US
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[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
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[54] COMPOSITION PHARMACEUTIQUE ANTI-ABUS
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[72] GREIMEL, KATRIN, AT
[72] BRANDAUER, MARTIN, AT
[72] HUBER, DANIELA, AT
[72] BLEYMAIER, KLAUS, AT
[72] KROUTIL, WOLFGANG, AT
[72] LECHNER, DORIS, AT
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[71] G.L. PHARMA GMBH, AT
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- [71] GIANT OAK, INC., US
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- [72] POON, MELANIE C. K., US
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- [71] W. L. GORE & ASSOCIATES, INC., US
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- [72] GLEDHILL, ANDREW, US
- [71] BAKER HUGHES, A GE COMPANY, LLC, US
- [71] DIAMOND INNOVATIONS, INC., US
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 [72] FERGUSON, DANA, US
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 [71] ALLSTATE INSURANCE COMPANY, US
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 [72] PICCIONE, ROSALIE, US
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 [72] GOLLOB, LAWRENCE, US
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[54] PROCEDES ET APPAREIL D'ESTIMATION DE BRUIT DE PHASE DANS DES SYMBOLES DE DONNEES POUR DES COMMUNICATIONS A ONDES MILLIMETRIQUES
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[72] LUO, TAO, US
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[25] EN
[54] DISPOSABLE SHOT GLASS WITH PEEL-OFF LID
[54] VERRE A LIQUEUR JETABLE AVEC OPERCULE PELABLE
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[72] HOOEY, KIERAN, CA
[72] BRUCE, JILLIAN, CA
[71] RIPSHOT ENTERPRISES CORPORATION, CA
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[30] US (62/306,438) 2016-03-10

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[51] Int.Cl. H04L 29/06 (2006.01) H04L 12/28 (2006.01)
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[54] ANTI-CLONAGE DE MODEM CABLE
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[72] CARTER, WADE E., US
[71] ARRIS ENTERPRISES LLC, US
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 - [25] EN
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 - [54] BLOC-PORTES ET PROCEDES D'INSTALLATION CORRESPONDANTS
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 - [72] CICENAS, CHRIS W., US
 - [72] LINDSEY, DON R., US
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 - [71] MASONITE CORPORATION, US
 - [85] 2018-09-04
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 - [87] (WO2017/161022)
 - [30] US (62/308,518) 2016-03-15
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 - [54] STRUCTURES DE SOUS-TRAMES CONFIGURABLES DANS UNE COMMUNICATION SANS FIL
 - [72] ANG, PETER PUI LOK, US
 - [72] LUO, TAO, US
 - [72] SORIAGA, JOSEPH BINAMIRA, US
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 - [72] MUKKAVILLI, KRISHNA KIRAN, US
 - [71] QUALCOMM INCORPORATED, US
 - [85] 2018-09-04
 - [86] 2017-04-03 (PCT/US2017/025795)
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 - [54] LIPIDES ET COMPLEXES POUR L'ADMINISTRATION D'UN MATERIAU BIOLOGIQUEMENT ACTIF A DES CELLULES
 - [72] HAILES, HELEN CLAIRE, GB
 - [72] TABOR, ALETHEA BERNICE, GB
 - [72] MOHD MUSTAPA, MOHD FIROUZ, GB
 - [72] HART, STEPHEN LEWIS, GB
 - [72] TAGALAKIS, ARISTIDES, GB
 - [71] RYBOQUIN COMPANY LTD, GB
 - [85] 2018-09-05
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 - [25] EN
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 - [54] SYSTEME PERMETTANT DE VERIFIER DES ABSENCES D'OBJET PHYSIQUE DE REGIONS AFFECTEES A L'AIDE D'UNE ANALYSE VIDEO
 - [72] HIGH, DONALD, US
 - [72] JONES, MATTHEW ALLEN, US
 - [72] NATARAJAN, CHANDRASHEKAR, US
 - [72] MATTINGLY, TODD DAVENPORT, US
 - [71] WALMART APOLLO, LLC, US
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 - [30] US (62/309,057) 2016-03-16
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 - [54] GENERATION DE RECUS EN NUAGE A L'AIDE D'INFORMATIONS DE TRANSACTION
 - [72] TSOU, VICTOR, US
 - [72] HAWTHORNE, KATHRYNE HOLLIE, US
 - [72] MCCORMICK, DAMON, US
 - [72] FINEBERG, ALAN, US
 - [71] SQUARE, INC., US
 - [85] 2018-09-05
 - [86] 2017-02-16 (PCT/US2017/018056)
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 - [30] US (15/070,675) 2016-03-15
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- [72] ISLAM, MUHAMMAD NAZMUL, US
- [72] LUO, TAO, US
- [72] SUBRAMANIAN, SUNDAR, US
- [72] SADIQ, BILAL, US
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- [71] QUALCOMM INCORPORATED, US
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- [87] (WO2017/176436)
- [30] US (62/318,707) 2016-04-05
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 - [25] EN
 - [54] SYSTEMS AND METHODS FOR PRODUCING SYNTHETIC HYPERICIN
 - [54] SYSTEMES ET PROCEDES POUR PRODUIRE DE L'HYPERICINE SYNTHETIQUE
 - [72] ARUMUGHAM, RASAPPA, US
 - [72] SCHABER, CHRISTOPHER, US
 - [72] RAUTER, HOLGER, DE
 - [72] WERNER, SILVIA, DE
 - [71] SOLIGENIX, INC., US
 - [85] 2018-08-30
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 - [54] RESVERATROL GLYCOLATE AND TARTRATE DERIVATIVES AND SYNTHETIC METHODS THEREFOR
 - [54] DERIVES DE TARTRATE ET DE GLYCOLATE DE RESVERATROL ET LEURS PROCEDES DE SYNTHESE
 - [72] MOHAMMADI, FATEMEH, US
 - [72] TAVASOLI, ELHAM, US
 - [71] ELC MANAGEMENT LLC, US
 - [85] 2018-09-05
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 - [54] A SCREENING APPARATUS
 - [54] APPAREIL DE CRIBLAGE
 - [72] NEUMANN, BRUCE, AU
 - [71] NEUMANN, BRUCE, AU
 - [85] 2018-09-05
 - [86] 2017-04-03 (PCT/AU2017/050284)
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 - [25] EN
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 - [54] APPAREIL DE PRODUCTION DE JETS D'IMPACT PULSES DANS DES CONGELATEURS
 - [72] NEWMAN, MICHAEL D., US
 - [71] LINDE AKTIENGESELLSCHAFT, DE
 - [85] 2018-09-04
 - [86] 2017-04-04 (PCT/US2017/025897)
 - [87] (WO2017/176716)
 - [30] US (15/092,949) 2016-04-07
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- [25] EN

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- [72] WEI, YONGBIN, US
- [72] GAAL, PETER, US
- [72] RICO ALVARINO, ALBERTO, US
- [72] WALKER, GORDON, US
- [72] CHEN, WANSHI, US
- [72] DAMNJANOVIC, ALEKSANDAR, US
- [72] MONTOJO, JUAN, US
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 - [25] EN
 - [54] DEVICE AND METHOD FOR TRANSFORMING STERILE SALINE INTO ICY SLUSH
 - [54] DISPOSITIF ET PROCEDE POUR Transformer une solution saline sterile en bouillie glacee
 - [72] MARSOLAIS, PIERRE, CA
 - [72] COTE, RICHARD, CA
 - [72] BRISSON, CLAUDE, CA
 - [72] GOSELIN, RENE, CA
 - [72] BERGERON, YVES, CA
 - [71] VALORISATION RECHERCHE HSCM, LIMITED PARTNERSHIP, CA
 - [85] 2018-09-05
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 - [30] US (62/305,115) 2016-03-08
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- [25] EN
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- [54] ORDONNANCEMENT DE SIGNAL DE REFERENCE DE SONDAGE DYNAMIQUE
- [72] ISLAM, MUHAMMAD NAZMUL, US
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- [72] LI, JUNYI, US
- [71] QUALCOMM INCORPORATED, US
- [85] 2018-09-05
- [86] 2017-03-06 (PCT/US2017/020952)
- [87] (WO2017/176405)
- [30] US (62/318,190) 2016-04-04
- [30] US (62/325,948) 2016-04-21
- [30] US (62/337,329) 2016-05-16
- [30] US (62/351,285) 2016-06-16
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- [30] US (15/357,791) 2016-11-21

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[51] Int.Cl. H01L 23/427 (2006.01) F28D
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[25] EN
[54] MULTI-PHASE HEAT DISSIPATING DEVICE FOR AN ELECTRONIC DEVICE
[54] DISPOSITIF DE DISSIPATION DE CHALEUR A PHASES MULTIPLES POUR DISPOSITIF ELECTRONIQUE
[72] CHIRIAC, VICTOR ADRIAN, US
[72] ROSALES, JORGE LUIS, US
[72] MOLLOY, STEPHEN ARTHUR, US
[72] ANDERSON, JON JAMES, US
[71] QUALCOMM INCORPORATED, US
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[87] (WO2017/180524)
[30] US (62/321,090) 2016-04-11
[30] US (15/230,114) 2016-08-05
[30] US (62/433,135) 2016-12-12
[30] US (15/481,665) 2017-04-07

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[13] A1

[51] Int.Cl. A61M 3/02 (2006.01)
[25] EN
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[54] DISPOSITIF, SYSTEME ET PROCEDE DE COLLECTE DE MATIERES FECALES
[72] HENRY, JEROME A., IE
[72] CULLUM, MALFORD E., US
[71] HOLLISTER INCORPORATED, US
[85] 2018-09-05
[86] 2017-04-07 (PCT/US2017/026523)
[87] (WO2017/177093)
[30] US (62/320,002) 2016-04-08

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[13] A1

[51] Int.Cl. H04W 72/04 (2009.01)
[25] EN
[54] RANDOM ACCESS RESOURCE UNIT ALLOCATION FOR A MULTIPLE BSSID NETWORK
[54] ALLOCATION D'UNITE DE RESSOURCE D'ACCES ALEATOIRE POUR UN RESEAU A IDENTIFICATION DE MULTIPLES ENSEMBLES DE SERVICES DE BASE (BSSID)
[72] ASTERJADHI, ALFRED, US
[72] CHO, JAMES, US
[72] CHERIAN, GEORGE, US
[72] MERLIN, SIMONE, US
[71] QUALCOMM INCORPORATED, US
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[86] 2017-04-10 (PCT/US2017/026809)
[87] (WO2017/180515)
[30] US (62/322,772) 2016-04-14
[30] US (15/482,679) 2017-04-07

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[13] A1

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[25] EN
[54] DILUENT FOR SPERM AND METHOD FOR PRESERVING SPERM USING SAME
[54] DILUANT POUR SPERME ET PROCEDE DE CONSERVATION DE SPERME FAISANT APPEL A CELUI-CI
[72] KINUKAWA, MASASHI, JP
[72] FUNAUCHI, KATSUTOSHI, JP
[72] UCHIYAMA, KYOKO, JP
[71] LIVESTOCK IMPROVEMENT ASSOCIATION OF JAPAN, INC., JP
[85] 2018-09-06
[86] 2017-03-15 (PCT/JP2017/010439)
[87] (WO2017/159737)
[30] JP (2016-052899) 2016-03-16

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[13] A1

[51] Int.Cl. G05B 19/05 (2006.01) B60K 17/28 (2006.01) H03M 1/12 (2006.01)
[25] EN
[54] METHOD AND SYSTEM FOR A UNIVERSAL PROGRAMMABLE VOLTAGE MODULE
[54] PROCEDE ET SYSTEME POUR UN MODULE DE TENSION PROGRAMMABLE UNIVERSEL
[72] SANIO, AARON, CA
[71] MOBILE ELECTRONICS, INC., CA
[85] 2018-09-06
[86] 2017-03-21 (PCT/CA2017/000064)
[87] (WO2017/161439)
[30] US (62/310,881) 2016-03-21

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[25] EN
[54] CYLINDER LOCK AND KEY SYSTEM
[54] SYSTEME DE CLE ET DE SERRURE A BARILLET
[72] ANDERSSON, DANIEL, SE
[71] ASSA AB, SE
[85] 2018-09-05
[86] 2017-02-08 (PCT/EP2017/052747)
[87] (WO2017/157586)
[30] EP (16160559.7) 2016-03-16

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[25] EN
[54] GAS EXTRACTION CALIBRATION SYSTEM AND METHODS
[54] SYSTEME ET PROCEDES D'ETALONNAGE D'EXTRACTION DE GAZ
[72] PICKELL, MARK D., US
[72] LAW, DOUGLAS J., US
[72] BRUMBOIU, AUREL, US
[72] OVEDHE, WILFRED, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2018-09-05
[86] 2017-03-16 (PCT/US2017/022681)
[87] (WO2017/165185)
[30] US (15/076,505) 2016-03-21

[21] 3,016,640
[13] A1

[51] Int.Cl. H04W 12/00 (2009.01)
[25] EN
[54] METHOD AND APPARATUS FOR ORIENTATION-BASED PAIRING OF DEVICES
[54] PROCEDE ET APPAREIL DESTINES A L'APPARIEMENT DE DISPOSITIFS BASE SUR L'ORIENTATION
[72] GLASS, STEPHEN C., US
[72] LEY, DAVID J., US
[72] MOSELLE, BLAKE C., US
[72] PINDER, ELLIS A., US
[72] PROCTOR, LEE M., US
[72] STOGNER, DARRELL J., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2018-09-06
[86] 2017-03-13 (PCT/US2017/022038)
[87] (WO2017/165142)
[30] US (15/075,349) 2016-03-21

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[13] A1

[51] Int.Cl. C12N 1/38 (2006.01) C12N 5/071 (2010.01) C12N 5/073 (2010.01)
[25] EN
[54] METHODS FOR THE IN VITRO MANUFACTURE OF GASTRIC FUNDUS TISSUE AND COMPOSITIONS RELATED TO SAME
[54] PROCEDES DE FABRICATION IN VITRO DE TISSU DE FUNDUS D'ESTOMAC ET COMPOSITIONS ASSOCIEES A CELUI-CI
[72] WELLS, JAMES, US
[72] MCCRACKEN, KYLE, US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2018-09-06
[86] 2017-05-05 (PCT/US2017/031309)
[87] (WO2017/192997)
[30] US (62/332,194) 2016-05-05

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[51] Int.Cl. H04W 72/04 (2009.01) H04W 24/00 (2009.01) H04W 28/02 (2009.01)
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[72] ZOU, YAN, CN
[72] ZHONG, ZHIYUAN, CN
[72] YUAN, JIANDONG, CN
[71] BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD., CN
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[54] ALGORITHME ET PROCEDE IN VITRO BASE SUR L'EDITION D'ARN VISANT A SELECTIONNER L'EFFET PARTICULIER INDUIT PAR DES COMPOSES ACTIFS
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[72] VAN DER LAAN, SIEM, FR
[72] SALVETAT, NICOLAS, FR
[72] MOLINA, FRANCK, FR
[72] PUJOL, JEAN-FRANCOIS, FR
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[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] COMPLEXE OXO-AZOTE DE FER, SYSTEME CATALYTIQUE COMPRENANT LEDIT COMPLEXE OXO-AZOTE DE FER ET PROCEDE POUR LA (CO)POLYMERISATION DE DIENES CONJUGUES
[72] GUIDO, PAMPALONI, IT
[72] ANNA, SOMMAZZI, IT
[72] GIOVANNI, RICCI, IT
[72] FRANCESCO, MASI, IT
[72] GIUSEPPE, LEONE, IT
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[54] ELEMENT DE SECURITE ET PROCEDE POUR PRODUIRE UN ELEMENT DE SECURITE
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[72] BURKHARDT, MARKUS, DE
[72] LUTZ, NORBERT, DE
[72] WALTER, HARALD, CH
[72] SCHILLING, ANDREAS, CH
[71] LEONHARD KURZ STIFTUNG & CO. KG, DE
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[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE
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[72] COOK, BENJAMIN L., US
[72] MOSS, N. RYAN, US
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[72] RUSSELL, BRIAN, US
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[54] SYSTEME, METHODE ET SUPPORT ACCESSIBLE PAR ORDINATEUR POUR TRAITER LES CELLULES TUMORALES CIRCULANTES PRESENTES DANS LE FLUX SANGUIN
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[72] SOLOMON, STEPHEN BARNETT, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
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[72] AHMED, MUSHEER, US
[71] GEORGIA TECH RESEARCH
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[71] CEZANNE S.A.S., FR
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[71] TAYLOR COMMERCIAL
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[54] PROCEDES ET ARTICLES
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[71] INCUBE LABS, LLC, US
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MOVABLE ARRANGEMENT
RELATIVE TO EACH OTHER
AND AN ANTI-FOULING SYSTEM
[54] ENSEMBLE COMPRENNANT AU
MOINS DEUX ELEMENTS
AGENCES MOBILES L'UN PAR
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[72] SALTERS, BART ANDRE, NL
[72] HIETBRINK, ROELANT
BOUDEWIJN, NL
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[72] PELLETIER, BENOIT, FR
[72] PETRETTI, FRANK, FR
[71] BULL SAS, FR
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[72] SHAH, KARTIK KIRAN, US
[72] MUNSHI, AMIT DILIP, US
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[71] CARLISLE FLUID TECHNOLOGIES, INC., US
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[72] UEHARA, HIRONORI, US
[72] MUDDANA, SANTOSH, US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
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[54] RECEPTEUR, EMETTEUR-RECEPTEUR, SYSTEME DE COMMUNICATION SANS FIL, ET PROCEDE DE COMMUNICATION SANS FIL
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[72] OGINO, TOMOHIRO, JP
[72] FUJIMURA, AKINORI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[72] STABILE, JAMES JOSEPH, US
[72] CHANDRASHEKHAR, GANESAN, US
[72] THAKKAR, PANKAJ, US
[72] BALLAND, PETER J., III, US
[72] GANICHEV, IGOR, US
[71] NICIRA, INC., US
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- [72] STANISTREET, TIMOTHY F., US
- [72] EBOLI, CARLOS, US
- [72] ALDER, HANSJUERG, CH
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 - [72] PEARCE, TONY M., US
 - [71] PURPLE INNOVATION, LLC, US
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- [72] ROEDERER, FRANCOIS, FR
- [72] VIANA, JEAN-LOUIS, FR
- [72] TARDY, GERARD, FR
- [72] BLANDIN, DAVID, FR
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 - [72] PEARCE, TONY M., US
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- [71] LABORIE MEDICAL TECHNOLOGIES CORP., CA
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- [72] DA GRACA CORREIA DE OLIVEIRA BONIFACIO SOTTO MAYOR PIZARRO, MARIA, PT
- [72] DE ALMEIDA MORGADO, JOSE, PT
- [72] OLIVEIRA PROZIL, SONIA, PT
- [72] RIBEIRO PEREIRA, MANUEL FERNANDO, PT
- [72] GONCALVES PINTO SOARES, OLIVIA SALOME, PT
- [72] FERREIRA RAMALHO, PATRICIA SOFIA, PT
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- [72] REGADAS PINTO DE SA, VERA LUCIA, PT
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- [72] DREVETS, WAYNE C., US
- [72] DE BOER, PETER, BE
- [71] JANSSEN PHARMACEUTICA NV, BE
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 - [54] FORMES CRISTALLINES DE 2-[(2S)-1-AZABICYCLO[2.2.2]OCT-2-YL]-6-(3-METHYL-1H-PYRAZOL-4-YL)THIENO[3,2-D]PYRIMIDIN-4(3H)-ONE HEMIHYDRATE
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 - [72] MAEDA, KAZUHIRO, JP
 - [72] YASUMA, TSUNEO, JP
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 - [72] OGURO, YUYA, JP
 - [72] TAYA, NAOHIRO, JP
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 - [72] LANGSTON, MARIANNE, US
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- [72] CREIGHTON, GEORGE, US
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 - [54] SYSTEME ET PROCEDE POUR UNE GESTION DE FAISCEAU
 - [72] LUO, TAO, US
 - [72] CEZANNE, JUERGEN, US
 - [72] SUBRAMANIAN, SUNDAR, US
 - [72] SAMPATH, ASHWIN, US
 - [72] SADIQ, BILAL, US
 - [72] LI, JUNYI, US
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 - [72] BAUSWELL, ERIC DAVID, US
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 - [71] LUDELA, INC., US
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- [25] EN
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- [54] SYSTEME ET PROCEDE DE DEMANDE DE REGLAGE DE FAISCEAU
- [72] ISLAM, MUHAMMAD NAZMUL, US
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- [72] CHEN, JIALING LI, US
- [72] FREDERIKS, GUIDO ROBERT, US
- [72] ASTERJADHI, ALFRED, US
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- [54] MATERIAUX FCC D'ALUMINIUM, DE COBALT, DE NICKEL ET DE TITANE, ET PRODUITS FABRIQUÉS À PARTIR DE CES DERNIERS
- [72] LIN, JEN, US
- [72] YAN, XINYAN, US
- [71] ARCONIC INC., US
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- [54] GESTION DE COMPTEURS DE REDUCTION DE PUISSANCE MULTIDICTIONNELS POUR UNE QUALITE DE SERVICE
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- [72] AHARON, MORDECHAY, US
- [72] EITAN, ALECSANDER PETRU, US
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- [54] DISPOSITIF ET PROCÉDÉ DE COUPE
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- [54] COMBINAISONS DE GLYCOALCALOIDES ET LEURS DIVERSES UTILISATIONS
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- [72] CHASE, TANIA ROBYN, VU
- [72] CHAM, KAI ELLIOT, AU
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- [54] ERROR CONCEALMENT UNIT, AUDIO DECODER, AND RELATED METHOD AND COMPUTER PROGRAM USING CHARACTERISTICS OF A DECODED REPRESENTATION OF A PROPERLY DECODED AUDIO FRAME
- [54] UNITE DE DISSIMULATION D'ERREUR, DECODEUR AUDIO ET PROCÉDÉ ET PROGRAMME INFORMATIQUE ASSOCIES UTILISANT DES CARACTÉRISTIQUES D'UNE REPRESENTATION DECODEE D'UNE TRAME AUDIO CORRECTEMENT DECODEE
- [72] LECOMTE, JEREMIE, US
- [72] TOMASEK, ADRIAN, DE
- [71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
- [85] 2018-09-06
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[25] EN
[54] CONTINUOUS HOT-DIP METAL PLATING DEVICE AND CONTINUOUS HOT-DIP METAL PLATING METHOD
[54] DISPOSITIF DE PLACAGE DE METAL PAR IMMERSION A CHAUD EN CONTINU ET PROCEDE DE PLACAGE DE METAL PAR IMMERSION A CHAUD EN CONTINU
[72] NISHIZAWA, KOICHI, JP
[72] OMODAKA, MASAAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2018-09-04
[86] 2017-03-24 (PCT/JP2017/012050)
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[25] EN
[54] ROTOR ASSEMBLY AND METHOD OF MANUFACTURING
[54] ENSEMBLE ROTOR ET PROCEDE DE FABRICATION
[72] CREEDON, WILLIAM P., US
[72] SANTAMARIA, GEORGE T., US
[72] WICK, JOHN CHARLES HIRSCHY, US
[71] GENERAL ATOMICS, US
[85] 2018-09-06
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[87] (WO2017/160342)
[30] US (15/070,833) 2016-03-15

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[25] EN
[54] METHODS FOR FRACTIONATION OF LUBRICANT FEEDS
[54] PROCEDES DE FRACTIONNEMENT DE CHARGES DE LUBRIFIANT
[72] CHEN, FENGJONG, US
[72] ABD RAHMAN, ZALINA, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2018-09-05
[86] 2017-03-08 (PCT/US2017/021339)
[87] (WO2017/172311)
[30] US (62/315,795) 2016-03-31

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[25] EN
[54] ROASTING AND GRINDING SYSTEM
[54] SYSTEME DE TORREFACTION ET DE MOUTURE
[72] PERENTES, ALEXANDRE, CH
[72] DUBIEF, FLAVIEN, CH
[72] YOAKIM, ALFRED, CH
[72] BOURNIVAL, CHRISTIANNE, CH
[71] NESTEC S.A., CH
[85] 2018-08-31
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[25] EN
[54] COMPOSITIONS, DEVICES, AND METHODS OF FUNCTIONAL DYSPEPSIA SENSITIVITY TESTING
[54] COMPOSITIONS, DISPOSITIFS ET PROCEDES D'EVALUATION DE LA SENSIBILITE A LA DYSPEPSIE FONCTIONNELLE
[72] IRANI-COHEN, ZACKARY, US
[72] LADERMAN, ELISABETH, US
[71] BIOMERICA, INC., US
[85] 2018-09-06
[86] 2017-03-09 (PCT/US2017/021643)
[87] (WO2017/156313)
[30] US (62/305,680) 2016-03-09

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[51] Int.Cl. G06F 17/30 (2006.01) G06Q 30/02 (2012.01) G06Q 50/00 (2012.01)
[25] EN
[54] APPARATUS AND METHOD FOR INVENTORY MANAGEMENT WITH SOCIAL MEDIA
[54] APPAREIL ET PROCEDE DE GESTION D'INVENTAIRE GRACE AUX RESEAUX SOCIAUX
[72] ATCHLEY, MICHAEL D., US
[72] HIGH, DONALD R., US
[71] WALMART APOLLO, LLC, US
[85] 2018-09-06
[86] 2017-03-13 (PCT/US2017/022085)
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[30] US (62/306,899) 2016-03-11

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[25] EN
[54] MAGNETIC FIELD COMPENSATION IN A LINEAR ACCELERATOR
[54] COMPENSATION DE CHAMP MAGNETIQUE DANS UN ACCELERATEUR LINEAIRE
[72] SHVARTSMAN, SHMARYU M., US
[72] DEMPSEY, JAMES F., US
[71] VIEWRAY TECHNOLOGIES, INC., US
[85] 2018-08-28
[86] 2017-03-06 (PCT/US2017/020878)
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<p>[21] 3,016,750 [13] A1</p> <p>[51] Int.Cl. H04L 12/911 (2013.01)</p> <p>[25] EN</p> <p>[54] METHOD AND NODES FOR HANDLING BEARERS</p> <p>[54] PROCEDE ET NUDS DE MANIPULATION DE PORTEUSE</p> <p>[72] OLSSON, TONY, SE [72] YANG, YONG, SE [72] HERMANSSON, PATRIK, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE [85] 2018-09-06 [86] 2016-03-07 (PCT/EP2016/054789) [87] (WO2017/152937)</p>

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 - [54] SONOTRODE
 - [72] BRITVA, ALEXANDER, IL
 - [72] DVERIN, ALEXANDER, IL
 - [72] PENS, YEVGENY, IL
 - [72] LEPSELTHER, JOSEPH, IL
 - [72] KARNI, ZIV, IL
 - [72] TSURGIL, SHAHAR, IL
 - [72] TOLEDANO, OHAD, IL
 - [71] ALMA LASERS LTD., IL
 - [85] 2018-08-21
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- [25] EN
- [54] LAMINATED POLYARYLENE SULFIDE HEAT-RESISTANT FILTER
- [54] FILTRE RESISTANT A LA CHALEUR DE POLY(SULFURE D'ARYLENE) STRATIFIE
- [72] MORI, TATSUYA, JP
- [72] SUGIMOTO, TAKESHI, JP
- [72] MITSUNAGA, REO, JP
- [71] TORAY INDUSTRIES, INC., JP
- [85] 2018-08-21
- [86] 2017-03-13 (PCT/JP2017/009951)
- [87] (WO2017/169687)
- [30] JP (2016-065136) 2016-03-29

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- [25] EN
- [54] METHOD AND APPARATUS FOR SOLID FREEFORM FABRICATION OF OBJECTS UTILIZING IN SITU INFUSION
- [54] PROCEDE ET APPAREIL DE FABRICATION EN FORME LIBRE SOLIDE D'OBJETS A L'AIDE DE L'INFUSION IN SITU
- [72] STEEGE, ADAM T.C., US
- [71] TRIO LABS, INC., US
- [85] 2018-08-22
- [86] 2017-02-24 (PCT/US2017/019371)
- [87] (WO2017/147434)
- [30] US (62/300,105) 2016-02-26
- [30] US (62/342,290) 2016-05-27

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- [25] EN
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- [54] TRAITEMENT DES PATHOLOGIES OCULAIRES ALLERGIQUES AVEC DES CYCLODEXTRINES
- [72] YOUNG, SCOTT, US
- [72] BRADY, TODD, US
- [72] MACHATHA, STEPHEN GITU, US
- [72] CLARK, DAVID, US
- [72] MACDONALD, SUSAN, US
- [71] ALDEYRA THERAPEUTICS, INC., US
- [85] 2018-08-23
- [86] 2017-02-28 (PCT/US2017/020020)
- [87] (WO2017/147617)
- [30] US (62/300,907) 2016-02-28
- [30] US (62/315,488) 2016-03-30

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 - [25] EN
 - [54] LOCK FOR A REBATED DOOR
 - [54] SERRURE POUR PORTE A RECOUVREMENT
 - [72] ASCHIERI, GIOVANNI, IT
 - [71] BONAITI SERRATURE S.P.A., IT
 - [85] 2018-08-24
 - [86] 2017-03-01 (PCT/EP2017/054802)
 - [87] (WO2017/149028)
 - [30] IT (UB2016A001254) 2016-03-02
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 - [25] EN
 - [54] FCC MATERIALS OF ALUMINUM, COBALT, IRON AND NICKEL, AND PRODUCTS MADE THEREFROM
 - [54] MATERIAUX D'ALUMINIUM, COBALT FER ET NICKEL A STRUCTURE FCC ET PRODUITS FABRIQUES A PARTIR DE CEUX-CI
 - [72] LIN, JEN, US
 - [72] YAN, XINYAN, US
 - [71] ARCONIC INC., US
 - [85] 2018-09-05
 - [86] 2017-04-19 (PCT/US2017/028427)
 - [87] (WO2017/184771)
 - [30] US (62/325,048) 2016-04-20
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- [25] EN
- [54] SYSTEM AND METHOD FOR AERIAL SYSTEM DISCRIMINATION AND ACTION
- [54] SYSTEME ET PROCEDE DE DISCRIMINATION ET D'ACTION POUR SYSTEME AERIEN
- [72] BANGA, JASMINDER, US
- [71] AIRSPACE SYSTEMS INC., US
- [85] 2018-09-05
- [86] 2017-05-17 (PCT/US2017/033185)
- [87] (WO2017/161386)

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- [25] EN
- [54] ENHANCED HERBICIDAL COMPOSITIONS OF TRANSITION METAL CHELATES
- [54] COMPOSITIONS HERBICIDES AMELIOREES DE CHELATES DE METAL DE TRANSITION
- [72] ARNDT, REINHARD, DE
- [72] PROKOP, ANDREAS, DE
- [72] PURITCH, GEORGE, CA
- [72] ARACHCHIGE, CHANDANIE W., CA
- [72] SAMARAJEEWA, DEEPAL, CA
- [71] W. NEUDORFF GMBH KG, DE
- [85] 2018-08-28
- [86] 2016-12-22 (PCT/EP2016/082507)
- [87] (WO2017/148558)
- [30] GB (1603575.0) 2016-03-01

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- [25] EN
- [54] ANTI-MICA ANTIBODIES
- [54] ANTICORPS ANTI-MICA
- [72] BLERY, MATHIEU, FR
- [72] GAUTHIER, LAURENT, FR
- [71] INNATE PHARMA, FR
- [85] 2018-08-29
- [86] 2017-03-14 (PCT/EP2017/055920)
- [87] (WO2017/157895)
- [30] US (62/308,443) 2016-03-15

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[13] A1

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- [25] EN
- [54] SMOKELESS ORAL TOBACCO PRODUCT AND PREPARATION THEREOF
- [54] PRODUIT DE TABAC A USAGE ORAL SANS FUMEE ET SA PREPARATION
- [72] SOFFE, JOANNA DAWN, GB
- [72] GUSTAFSON, JOHAN ROBERT, SE
- [72] MOLA, MICHELE, GB
- [71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
- [71] FIEDLER & LUNDGREN AB, SE
- [85] 2018-09-05
- [86] 2017-03-02 (PCT/GB2017/050559)
- [87] (WO2017/153718)
- [30] GB (1603866.3) 2016-03-07

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[13] A1

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- [25] EN
- [54] DETECTION OF CELLS IN A LIQUID SAMPLE
- [54] DETECTION DE CELLULES DANS UN ECHANTILLON LIQUIDE
- [72] EMOND, PIERRE LAURENT, US
- [72] PERLMUTTER, NANCY GAIL, US
- [72] KREIDER, JAMES WILLIS, US
- [71] DELTA INSTRUMENTS B.V., NL
- [85] 2018-09-05
- [86] 2017-03-17 (PCT/IB2017/000364)
- [87] (WO2017/158431)
- [30] EP (16160837.7) 2016-03-17

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- [25] EN
- [54] PROCESS FOR MANUFACTURING A MILK OF SLAKED LIME OF GREAT FINENESS AND MILK OF LIME OF GREAT FINENESS THEREBY OBTAINED WITH PROCESS WATER
- [54] PROCEDE DE FABRICATION D'UN LAIT DE CHAUX ETEINTE DE GRANDE FINESSE ET LAIT DE CHAUX DE GRANDE FINESSE OBTENU PAR CE PROCEDE AVEC DE L'EAU DE TRAITEMENT
- [72] CRINIÈRE, GUILLAUME, BE
- [72] GARTNER, ROBERT SEBASTIAN, BE
- [71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE
- [85] 2018-09-05
- [86] 2017-03-07 (PCT/EP2017/055270)
- [87] (WO2017/153379)
- [30] EP (PCT/EP2016/054941) 2016-03-08

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[13] A1

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- [25] EN
- [54] FLAVOR DELIVERY SYSTEM
- [54] SYSTEME DE DISTRIBUTION D'AROME
- [72] CHANEY, MICHAEL, US
- [72] UNGUREANU, IOANA MARIA, US
- [71] GIVAUDAN SA, CH
- [85] 2018-09-05
- [86] 2017-03-13 (PCT/EP2017/055782)
- [87] (WO2017/157823)
- [30] US (62/308,108) 2016-03-14

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2/04 (2013.01) A61L 31/04 (2006.01)
C08G 64/18 (2006.01) C08G 69/44
(2006.01)
[25] EN
[54] **BIOCOMPATIBLE IMPLANTS
FOR NERVE RE-GENERATION
AND METHODS OF USE
THEREOF**
[54] **IMPLANTS BIOCOMPATIBLES
POUR LA REGENERATION
NERVEUSE ET LEURS
PROCEDES D'UTILISATION**
[72] KOHN, JOACHIM B., US
[72] CLEMENTS, BASAK, US
[72] EZRA, MINDY, US
[71] RUTGERS, THE STATE
UNIVERSITY OF NEW JERSEY, US
[85] 2018-09-05
[86] 2016-04-15 (PCT/US2016/027858)
[87] (WO2016/168669)
[30] US (62/148,087) 2015-04-15

[21] 3,016,771
[13] A1

[51] Int.Cl. G06E 1/00 (2006.01)
[25] EN
[54] **PERSONAL EMOTION-BASED
COMPUTER READABLE
COGNITIVE SENSORY MEMORY
AND COGNITIVE INSIGHTS FOR
ENHANCING MEMORIZATION
AND DECISION MAKING**
[54] **MEMOIRE SENSORIELLE
COGNITIVE LISIBLE PAR
ORDINATEUR SUR LA BASE
D'EMOTIONS PERSONNELLES
ET INDICES COGNITIFS POUR
L'AMELIORATION DE LA
MEMORISATION ET DE LA
PRISE DE DECISION**
[72] NGUYEN, PHU-VINH, VN
[71] FUVI COGNITIVE NETWORK
CORP, US
[85] 2018-09-05
[86] 2016-05-25 (PCT/US2016/034043)
[87] (WO2017/160331)
[30] US (62/308,202) 2016-03-14
[30] US (15/156,883) 2016-05-17

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[13] A1

[51] Int.Cl. G06Q 10/08 (2012.01) G06F
9/44 (2018.01)
[25] EN
[54] **CONCATENATED SHIPPING
DOCUMENTATION PROCESSING
SPAWNING INTELLIGENT
GENERATION SUBPROCESSES**
[54] **TRAITEMENT DE
DOCUMENTATION
D'EXPEDITION CONCATENE
PRODUISANT DYNAMIQUEMENT
DES SOUS-PROCESSUS DE
GENERATION INTELLIGENTS**
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[71] AUCTANE, LLC., US
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THEREOF, AND USES THEREFOR**
[54] **PYRIMIDINES ET VARIANTES 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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[54] **REVERSIBLE POLARITY MPO
FIBER OPTIC CONNECTOR
WITH A REMOVABLE KEY**
[54] **CONNECTEUR DE FIBRE
OPTIQUE A POLARITE
REVERSIBLE AVEC CLE
AMOVIBLE**
[72] GOOD, PAUL MICHAEL, US
[71] NEXANS, FR
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[86] 2017-03-15 (PCT/IB2017/000391)
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[54] **PIED A COULISSE
ELECTRONIQUE POUR
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[72] KHAN, ASLAM, CA
[71] KHAN, ASLAM, CA
[71] COURNIERE, HENRI, CA
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 - [54] SYSTEMES ET PROCEDES DESTINES A ASSURER LE REFROIDISSEMENT D'UNE CHARGE CALORIFIQUE
 - [72] LEPOUDRE, PHILIP PAUL, CA
 - [72] GERBER, MANFRED, CA
 - [72] MOGHADDAM, DAVOOD GHADIRI, CA
 - [71] NORTEK AIR SOLUTIONS CANADA, INC., CA
 - [85] 2018-09-06
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- [54] AGENT ANTISEPTIQUE CONTENANT DE LA MEGLUMINE OU UN SEL CORRESPONDANT
- [72] FUJISAWA, TOYOMI, JP
- [72] SAKANAKA, KOJI, JP
- [72] UMEZAKI, SHINYA, JP
- [71] SANTEN PHARMACEUTICAL CO., LTD., JP
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- [54] COMPOSITIONS ET PROCEDES POUR L'ADMINISTRATION D'AGONISTES DE PPARV, PEPTIDES TENSIOACTIFS ET PHOPHOLIPIDES
- [72] REHAN, VIRENDER K., US
- [72] TORDAY, JOHN S., US
- [72] WALTHER, FRANS J., US
- [72] WARING, ALAN J., US
- [72] GORDON, LARRY M., US
- [71] LOS ANGELES BIOMEDICAL RESEARCH INSTITUTE AT HARBOR-UCLA MEDICAL CENTER, US
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- [72] BYRON, JASON ANDREW, AU
- [71] STAFF HOLDINGS PTY LTD, AU
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 - [72] LEHNERT, CHRISTOPHER, AU
 - [71] QUEENSLAND UNIVERSITY OF TECHNOLOGY, AU
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 - [54] PRESSURE REGULATING MODULES WITH CONTROLLED LEAK PATHS
 - [54] MODULES DE REGULATION DE PRESSION AVEC TRAJECTOIRES DE FUITE CONTROLEES
 - [72] MUMFORD, DAVID K., CA
 - [71] WESTPORT POWER INC., CA
 - [85] 2018-09-06
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- [54] CONJUGUES A LIBERATION PROLONGEE D'ANALOGUES D'EXENATIDE
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- [72] HEARN, BRIAN, US
- [72] HENISE, JEFFREY C., US
- [72] ASHLEY, GARY W., US
- [72] SANTI, DANIEL, V., US
- [71] PROLYNX LLC, US
- [85] 2018-09-05
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- [54] UTILISATION DE PEPTIDES DE PNEUMOLYSINE EN TANT QU'ANTAGONISTES CONTRE LE RECEPTEUR 4 DE TYPE TOLL ET METHODES DE TRAITEMENT DES MALADIES LIEES AU RECEPTEURS 4 DE TYPE TOLL
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- [72] SIU, LEUNG-KEI, TW
- [72] CHANG, FENG-YEE, TW
- [72] LENG, CHIH-HSIANG, TW
- [71] KEMYTH BIOTECH CO., LTD., TW
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- [54] DISPOSITIF SERVANT AU DOSAGE D'UNE SUBSTANCE
- [72] GUELLER, ROLF, CH
- [72] CHAPPUIS, PASCAL, CH
- [72] SCHINDLER, MARKUS, CH
- [71] CHEMSPEED TECHNOLOGIES AG, CH
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- [86] 2017-03-02 (PCT/CH2017/000020)
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- [30] CH (287/16) 2016-03-07

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- [25] EN
- [54] ION EXCITATION METHOD IN LINEAR ION TRAP
- [54] PROCEDE D'EXCITATION D'IONS DANS UN PIEGE IONIQUE LINEAIRE
- [72] DANG, QIANKUN, CN
- [72] XIE, XIAODONG, CN
- [72] XU, FUXING, CN
- [72] CHEN, YINJUAN, CN
- [72] DING, CHUANFAN, CN
- [71] FUDAN UNIVERSITY, CN
- [85] 2018-09-06
- [86] 2015-11-23 (PCT/CN2015/095259)
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- [54] APPAREIL A DEL UTILISANT DES MATERIAUX A BASE DE NEODYME A TENEUR VARIABLE EN FLUOR ET EN OXYGENE
- [72] CAI, DENGKE, US
- [72] BENNER, KEVIN JEFFREY, US
- [72] BOYLE, THOMAS J., US
- [72] CLYNNE, THOMAS, US
- [72] COHEN, WILLIAM ERWIN, US
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- [72] JANSSMA, JON BENNETT, US
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- [72] REISMAN, JULIANA P., US
- [72] SRIVASTAVA, ALOK MANI, US
- [72] WARD, BENJAMIN JAMES, US
- [72] WANG, ZHIYONG, CN
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- [72] YI, QING, CN
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- [86] 2016-03-16 (PCT/CN2016/076459)
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- [54] SYSTEM HAVING A FURNACE AND METHOD FOR OPERATING SUCH A SYSTEM
- [54] INSTALLATION DOTÉE D'UN FOUR ET PROCEDE POUR FAIRE FONCTIONNER UNE TELLE INSTALLATION
- [72] PIRINGER, HANNES, CH
- [72] BUCHER, PATRICK, CH
- [71] MAERZ OFENBAU AG, CH
- [71] THYSSENKRUPP AG, DE
- [85] 2018-09-06
- [86] 2017-03-03 (PCT/EP2017/054991)
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- [30] DE (10 2016 104 076.2) 2016-03-07

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- [25] EN
- [54] METHOD FOR A ROBOT-ASSISTED ASSEMBLY OF A SUPPORTING STRUCTURE FOR A PASSENGER TRANSPORT SYSTEM
- [54] PROCEDE DE REALISATION A ASSISTANCE ROBOTIQUE D'UNE OSSATURE D'UNE INSTALLATION DE TRANSPORT DE PERSONNES
- [72] GARTNER, MANFRED, AT
- [72] SCHUTZ, RICHARD, AT
- [72] KOUKAL, THOMAS, AT
- [71] INVENTIO AG, CH
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- [86] 2017-03-06 (PCT/EP2017/055168)
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- [54] **METHOD TO MONITOR A THRUST LOAD ON A ROLLING BEARING AND MACHINERY EQUIPPED WITH A SYSTEM TO MONITOR SAID THRUST LOAD**
- [54] **PROCEDE DE SURVEILLANCE DE CHARGE DE POUSEE SUR UN ROULEMENT ET MACHINE EQUIPEE D'UN SYSTEME POUR SURVEILLER LADITE CHARGE DE POUSEE**
- [72] SEPE, MARZIA, IT
- [72] CIONCOLINI, STEFANO, IT
- [72] GARBIN, RICCARDO, IT
- [71] NUOVO PIGNONE TECNOLOGIE SRL, IT
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- [25] EN
- [54] **SALT OF PYRIDINYL AMINO PYRIMIDINE DERIVATIVE, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF**
- [54] **SEL DE DERIVE DE PYRIDINYL AMINO PYRIMIDINE, SON PROCEDE DE PREPARATION ET SON APPLICATION**
- [72] LUO, HUIBING, CN
- [72] ZHOU, HUAYONG, CN
- [71] SHANGHAI ALLIST PHARMACEUTICALS, INC., CN
- [85] 2018-09-06
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- [87] (WO2017/152706)
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- [54] **FABRICATION MODULAIRE D'UN ROBOT**
- [72] SMAL, LUDOVIC, FR
- [72] SERRE, JULIEN, FR
- [71] SOFTBANK ROBOTICS EUROPE, FR
- [85] 2018-09-06
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- [25] EN
- [54] **DEVICE FOR THE ROBOT- ASSISTED MANUFACTURING OF A SUPPORTING STRUCTURE FOR A PASSENGER TRANSPORT SYSTEM**
- [54] **DISPOSITIF DE REALISATION A ASSISTANCE ROBOTIQUE D'UNE OSSATURE D'UNE INSTALLATION DE TRANSPORT DE PERSONNES**
- [72] GARTNER, MANFRED, AT
- [72] SCHUTZ, RICHARD, AT
- [72] KOUKAL, THOMAS, AT
- [71] INVENTIO AG, CH
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- [25] EN
- [54] **CENTRIFUGAL COMPRESSOR WITH LEAKAGE-FREE DIFFUSER BLADES AND METHOD OF ASSEMBLING A CENTRIFUGAL COMPRESSOR**
- [54] **COMPRESSEUR CENTRIFUGE AVEC PALES DE DIFFUSEUR SANS FUITE ET PROCEDE D'ASSEMBLAGE DE COMPRESSEUR CENTRIFUGE**
- [72] PANARA, DANIELE, IT
- [72] RIZZO, EMANUELE, IT
- [71] NUOVO PIGNONE TECNOLOGIE SRL, IT
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- [54] **CRYSTALLINE FORMS OF MESYLATE SALT OF PYRIDINYL AMINO PYRIMIDINE DERIVATIVE, PREPARATION METHODS THEREFOR, AND APPLICATIONS THEREOF**
- [54] **FORMES CRISTALLINES DE SEL DE MESYLATE DE DERIVE DE PYRIDINYL-AMINOPYRIMIDINE, PROCEDES DE PREPARATION ET APPLICATIONS ASSOCIES**
- [72] LUO, HUIBING, CN
- [72] ZHANG, QIANG, CN
- [71] SHANGHAI ALLIST PHARMACEUTICALS, INC., CN
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[25] EN
[54] AN APPARATUS FOR WINDING A WEB OF PAPER MATERIAL AND A METHOD OF REMOVING DUST
[54] APPAREIL D'ENROULEMENT D'UNE BANDE DE MATERIAU EN PAPIER ET PROCEDE D'ELIMINATION DE POUSSIÈRE
[72] MALMQVIST, PER-OLOF, SE
[72] CANDUTTI, MASSIMILIANO, IT
[72] CARLSSON, TOMAS, SE
[71] VALMET AKTIEBOLAG, SE
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[54] FUELLING METHOD
[54] PROCEDE D'ALIMENTATION EN CARBURANT
[72] MATTOS, ALEXANDER, GB
[72] UHRMACHER, STEVEN, GB
[72] HOLMES, ROBERT, GB
[71] I6 GROUP LIMITED, GB
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[87] (WO2017/153704)
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[25] EN
[54] DEVICE FOR INSERTING INTO AN IMAGING SYSTEM
[54] DISPOSITIF DESTINE A ETRE UTILISE DANS UN SYSTEME D'IMAGERIE
[72] BORNMANN, GERD, DE
[72] EBERHARDT, JENS, DE
[71] ALS AUTOMATED LAB SOLUTIONS GMBH, DE
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[25] EN
[54] FIRE RESISTANT FLEXIBLE HOSE
[54] TUYAU SOUPLE RESISTANT AU FEU
[72] HUDSON, JEREMY, GB
[71] AFLEX HOSE LIMITED, US
[85] 2018-09-06
[86] 2017-02-20 (PCT/GB2017/050430)
[87] (WO2017/158316)
[30] GB (1604356.4) 2016-03-15
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[13] A1

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[25] EN
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[54] PROCEDE DE DISSIMULATION HYBRIDE : COMBINAISON DE DISSIMULATION DE PERTE DE PAQUET DU DOMAINE FREQUENTIEL ET TEMPOREL DANS DES CODECS AUDIO
[72] LECOMTE, JEREMIE, DE
[72] TOMASEK, ADRIAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] EXHALED BREATH CONDENSATE COLLECTION DEVICE AND A KIT OF PARTS THEREFOR
[54] DISPOSITIF DE COLLECTE DE CONDENSAT D'AIR EXPIRE ET SON KIT DE PIECES
[72] MOSCHOS, STERGHIOS A., GB
[72] KALE, IZZET, GB
[71] UNIVERSITY OF NORTHUMBRIA AT NEWCASTLE, GB
[85] 2018-09-06
[86] 2017-03-08 (PCT/GB2017/050627)
[87] (WO2017/153755)
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[13] A1

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[25] EN
[54] MODEL GENERATION FOR DENTAL SIMULATION
[54] GENERATION DE MODELE DE SIMULATION DENTAIRE
[72] VAN DEN BRABER, NIELS, NL
[72] DE GREEF, MARK, NL
[71] MOOG BV, NL
[85] 2018-09-06
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[54] A DEVICE AND METHOD FOR HEATING OR COOLING A SAMPLE

[54] DISPOSITIF ET PROCEDE DE CHAUFFAGE/REFROIDISSEMENT D'ECHANTILLON

[72] MILNE, STUART, GB

[72] NANCEKIEVILL, ALEX, GB

[72] CREASEY, CHRISTOPHER, GB

[72] LAMB, STEPHEN, GB

[72] RUTLEDGE, RUPERT, GB

[71] CELL THERAPY CATAPULT LIMITED, GB

[85] 2018-09-06

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[13] A1

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[25] EN

[54] METHOD AND MOUNTING DEVICE FOR CARRYING OUT AN INSTALLATION OPERATION IN A LIFT SHAFT OF A LIFT SYSTEM

[54] PROCEDE ET DISPOSITIF DE MONTAGE POUR METTRE EN OEUVRE UN PROCESSUS D'INSTALLATION DANS UNE CAGE D'ASCENSEUR D'UNE INSTALLATION D'ASCENSEUR

[72] CAMBRUZZI, ANDREA, CH

[72] ZIMMERLI, PHILIPP, CH

[72] BITZI, RAPHAEL, CH

[72] BUTLER, ERICH, CH

[71] INVENTIO AG, CH

[85] 2018-09-06

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[54] DESINFECTION ET ELIMINATION D'ESPECES AZOTEES DE SYSTEMES D'AQUACULTURE SALINE

[72] LAHAV, ORI, IL

[72] BEN-ASHER, RAZ, IL

[72] GENDEL, YOURI, IL

[72] BIRNHACK, LIAT, IL

[71] TECHNION RESEARCH & DEVELOPMENT FOUNDATION LIMITED, IL

[85] 2018-09-06

[86] 2017-03-08 (PCT/IL2017/050281)

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[25] EN

[54] METHOD AND DEVICE FOR SEPARATING AND/OR CLEANING AEROSOLS AND SOLID MATERIAL PARTICLES AND FIBERS FROM GASES AS WELL AS SOLID MATERIAL PARTICLES AND FIBERS FROM LIQUID MATERIALS BY ACOUSTOPHORESIS

[54] PROCEDE ET DISPOSITIF DE SEPARATION ET/OU DE NETTOYAGE D'AEROSOLS ET DE PARTICULES ET DE FIBRES SOLIDES DE GAZ, AINSI QUE DE PARTICULES ET DE FIBRES SOLIDES DE FLUIDES PAR ACOUSTOPHORESE

[72] LUTHE, GREGOR, DE

[72] GAUSLING, LUDGER, DE

[72] TEN THIJE, NIELS, NL

[71] WINDPLUSSONNE GMBH, DE

[85] 2018-09-06

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[87] (WO2017/153038)

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[54] DATA COMMUNICATION BUS FOR A ROBOT

[54] BUS DE COMMUNICATION DE DONNEES POUR UN ROBOT

[72] SMAL, LUDOVIC, FR

[72] SERRE, JULIEN, FR

[71] SOFTBANK ROBOTICS EUROPE, FR

[85] 2018-09-06

[86] 2017-03-07 (PCT/EP2017/055284)

[87] (WO2017/153384)

[30] EP (16305255.8) 2016-03-07

[21] 3,016,845
[13] A1

[51] Int.Cl. A61L 24/00 (2006.01)

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[54] SKIN COMPATIBLE COMPOSITION

[54] COMPOSITION COMPATIBLE AVEC LA PEAU

[72] PEARCE, LLOYD, GB

[72] LEE, STEWART, GB

[71] TRIO HEALTHCARE LIMITED, GB

[85] 2018-09-06

[86] 2017-03-14 (PCT/GB2017/050690)

[87] (WO2017/158340)

[30] GB (1604308.5) 2016-03-14

[30] GB (1703038.8) 2017-02-24

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[13] A1

[51] Int.Cl. A01G 23/099 (2006.01)

[25] EN

[54] IMPROVED TREE FELLING WEDGE GIVING TREE FELLING ALERT

[54] COIN D'ABATTAGE D'ARBRE AMELIORE PRODUISANT UNE ALERTE D'ABATTAGE D'ARBRE

[72] KARLSSON, MATTIAS, SE

[71] HUSQVARNA AB, SE

[85] 2018-09-06

[86] 2017-03-29 (PCT/EP2017/057364)

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[30] SE (1650421-9) 2016-03-31

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[25] EN
[54] METHOD FOR PROTEIN PURIFICATION
[54] PROCEDE DE PURIFICATION DE PROTEINES
[72] JONES, RICHARD, GB
[72] SYMMONS, JONATHAN, GB
[72] HOCKING, SASKIA, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2018-09-06
[86] 2017-03-31 (PCT/EP2017/057685)
[87] (WO2017/167960)
[30] GB (1605562.6) 2016-04-01
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[25] EN
[54] USER EQUIPMENT, BASE STATION AND CODEC MODE SWITCHING METHOD
[54] EQUIPEMENT UTILISATEUR, STATION DE BASE ET PROCEDE DE COMMUTATION DE MODE CODEUR-DECODEUR
[72] HORI, TAKAKO, JP
[72] BASU MALLICK, PRATEEK, DE
[72] SUZUKI, HIDETOSHI, JP
[72] HORIUCHI, AYAKO, JP
[72] LOEHR, JOACHIM, DE
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2018-09-06
[86] 2017-02-02 (PCT/JP2017/003779)
[87] (WO2017/169090)
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[25] EN
[54] CD20 BINDING SINGLE DOMAIN ANTIBODIES
[54] ANTICORPS A DOMAINE UNIQUE DE LIAISON A CD20
[72] TAVERNIER, JAN, BE
[72] CAUWELS, ANJE, BE
[72] VAN DER HEYDEN, JOSE, BE
[71] VIB VZW, BE
[71] UNIVERSITEIT GENT, BE
[85] 2018-09-06
[86] 2017-03-07 (PCT/EP2017/055312)
[87] (WO2017/153402)
[30] EP (16158962.7) 2016-03-07
[30] EP (16166206.9) 2016-04-20
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[25] EN
[54] WATER-BASED COATING COMPOSITION
[54] COMPOSITION DE REVETEMENT A BASE D'EAU
[72] HASEGAWA, YOSUKE, JP
[72] KITAGAWA, HIROSHI, JP
[72] HIRAI, KATSUNORI, JP
[71] KANSAI PAINT CO., LTD., JP
[85] 2018-09-06
[86] 2017-03-06 (PCT/JP2017/008670)
[87] (WO2017/154808)
[30] JP (2016-045648) 2016-03-09
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- [51] Int.Cl. A61K 9/20 (2006.01) A61K 31/197 (2006.01)
[25] EN
[54] SOLID DOSAGE FORMS OF VIGABATRIN
[54] FORMES GALENIQUES SOLIDES DE VIGABATRINE
[72] UZARAMA, CHARLES, CA
[72] GOSELIN, PATRICK, CA
[72] FLAMENT, MARIE-PIERRE, FR
[71] ORPHELIA PHARMA, FR
[85] 2018-09-06
[86] 2016-03-10 (PCT/IB2016/000436)
[87] (WO2017/153800)
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[13] A1

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[25] EN
[54] A MAZINDOL IR/SR MULTILAYER TABLET AND ITS USE FOR THE TREATMENT OF ATTENTION DEFICIT/HYPERACTIVITY DISORDER (ADHD)
[54] COMPRIME MULTICOUCHE DE MAZINDOL A LIBERATION IMMEDIATE/LIBERATION PROLONGEE POUR LE TRAITEMENT DU TROUBLE DEFICITAIRE DE L'ATTENTION AVEC HYPERACTIVITE (TDAH)
[72] ZWYER, ALEXANDER C., CH
[72] AMSEL, LEWIS P., US
[72] SCHMITH, VIRGINIA, US
[72] BRANTLEY, SCOTT, US
[71] NLS-1 PHARMA AG, CH
[85] 2018-09-06
[86] 2017-03-08 (PCT/IB2017/000352)
[87] (WO2017/153846)
[30] US (62/305,600) 2016-03-09
[30] EP (PCT/EP2016/055048) 2016-03-09
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[13] A1

- [51] Int.Cl. G09B 23/28 (2006.01) G06F 3/01 (2006.01)
[25] EN
[54] MOVEMENT TRACKING AND SIMULATION DEVICE AND METHOD
[54] DISPOSITIF ET PROCEDE DE CAPTURE ET DE SIMULATION DE MOUVEMENT
[72] BIEMANS, WOUTER, NL
[72] BODE, DYON, NL
[72] STEITNER, LUUK, NL
[71] MOOG BV, NL
[85] 2018-09-06
[86] 2017-03-07 (PCT/EP2017/055339)
[87] (WO2017/153416)
[30] GB (1604115.4) 2016-03-10
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<p>[21] 3,016,856 [13] A1</p> <p>[51] Int.Cl. D01F 6/46 (2006.01) E01C 13/08 (2006.01)</p> <p>[25] EN</p> <p>[54] ARTIFICIAL TURF FIBER WITH LLDPE AND LDPE</p> <p>[54] FIBRE DE GAZON ARTIFICIEL COMPORTANT DU LLDPE ET DU LDPE</p> <p>[72] SICK, STEPHAN, DE</p> <p>[72] SANDER, DIRK, DE</p> <p>[72] JANSEN, BERND, DE</p> <p>[71] POLYTEX SPORTBELAGE PRODUKTIONS-GMBH, DE</p> <p>[85] 2018-09-06</p> <p>[86] 2017-04-18 (PCT/EP2017/059184)</p> <p>[87] (WO2017/182466)</p> <p>[30] EP (16165769.7) 2016-04-18</p>

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<p>[21] 3,016,858 [13] A1</p> <p>[51] Int.Cl. H04L 9/32 (2006.01) G06F 21/30 (2013.01) G06F 21/44 (2013.01)</p> <p>[25] EN</p> <p>[54] TOKENIZATION OF CO-NETWORK ACCOUNTS</p> <p>[54] TOKENISATION DE COMPTES DE RESEAUX COORDONNES</p> <p>[72] WONG, ERICK, US</p> <p>[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US</p> <p>[85] 2018-09-06</p> <p>[86] 2016-04-07 (PCT/US2016/026527)</p> <p>[87] (WO2017/176279)</p>

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[54] FRACTURE AND STRESS
CHARACTERIZATION USING
LAYER THICKNESS VARIATION
[54] CARACTERISATION DE
FRACTURE ET DE CONTRAINTE
A L'AIDE D'UNE VARIATION
D'EPAISSEUR DE COUCHE
[72] EFTEKHARI FAR, MEHDI, US
[72] MEKIC, NATASA, US
[71] HALLIBURTON ENERGY
SERVICES, INC., US
[85] 2018-09-06
[86] 2016-04-19 (PCT/US2016/028294)
[87] (WO2017/184123)

[21] 3,016,862

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[51] Int.Cl. E21B 33/128 (2006.01) E21B
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[25] EN
[54] DOWNHOLE SLIP APPARATUS
FOR BOREHOLES OF SMALLER
AND OF LARGER DIAMETER
[54] APPAREIL DE COIN DE RETENUE
DE FOND DE TROU POUR TROUS
DE FORAGE DE DIAMETRES
PLUS GRAND ET PLUS PETIT
[72] PORTA, SANTIAGO GALVEZ, GB
[72] REID, STEPHEN, GB
[72] EGLETON, PHILIP C.G., GB
[71] WEATHERFORD U.K. LIMITED, GB
[85] 2018-09-06
[86] 2017-03-14 (PCT/GB2017/050698)
[87] (WO2017/158347)
[30] GB (1604389.5) 2016-03-15

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[51] Int.Cl. G09B 23/28 (2006.01) G06F
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[25] EN
[54] DENTAL SIMULATION MACHINE
[54] MACHINE DE SIMULATION
DENTAIRE
[72] BODE, DYON, NL
[71] MOOG BV, NL
[85] 2018-09-06
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 [72] BODDY, ALEXANDER, US
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- [72] MC LAUGHLIN, PATRICK D., US
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 - [71] ACTINIUM PHARMACEUTICALS, INC., US
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- [54] APPAREILS ET PROCEDES DE MISE EN □UVRE D'UNE COMMANDE DE TEMPERATURE POUR UN CONTENEUR DE TRANSPORT
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 - [54] SYSTEMES ET PROCEDES DE RECONNAISSANCE D'IMAGES ULTRASONORES METTANT EN □UVRE UN RESEAU D'INTELLIGENCE ARTIFICIELLE
 - [72] PAGOULATOS, NIKOLAOS, US
 - [72] PAILOOR, RAMACHANDRA, US
 - [72] GOODWIN, KEVIN, US
 - [71] ECHONOUS, INC., US
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- [72] MANOLAKOS, ALEXANDROS, US
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- [72] RUSSELL, MICHAEL, US
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- [72] GOMEZ-URIBE, CARLOS A., US
- [71] NETFLIX, INC., US
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- [71] LABORATORY CORPORATION OF AMERICA HOLDINGS, US
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- [71] ANDRITZ INC., US
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- [54] PROCEDE DE SURVEILLANCE D'ACIDES NAPHTENIQUES
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<p>[21] 3,016,946 [13] A1</p> <p>[51] Int.Cl. H01H 71/46 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRONIC PROTECTION DEVICE</p> <p>[54] DISPOSITIF DE PROTECTION ELECTRONIQUE</p> <p>[72] ANTONELLO, PAOLO, IT</p> <p>[72] BUTTI, AGOSTINO, IT</p> <p>[72] GUERRA, MAURO, IT</p> <p>[71] ABB SCHWEIZ AG, CH</p> <p>[85] 2018-06-07</p> <p>[86] 2015-12-09 (PCT/EP2015/079136)</p> <p>[87] (WO2017/097355)</p>

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<p>[72] LECOMTE, JEREMIE, US</p> <p>[72] TOMASEK, ADRIAN, DE</p> <p>[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE</p> <p>[85] 2018-09-06</p> <p>[86] 2017-03-03 (PCT/EP2017/055106)</p> <p>[87] (WO2017/153299)</p> <p>[30] EP (16159033.6) 2016-03-07</p> <p>[30] EP (16171443.1) 2016-05-25</p>

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[54] DISPOSITIFS RETRACTABLES DE PRELEVEMENT SANGUIN ET PROCEDES ASSOCIES
[72] WOLOSCHUK, RALPH E., CA
[72] CASTANON, SCOTT E., US
[72] TERRY, WARREN MARC, US
[72] BAKER, JOSEPH JAMES, US
[71] L.O.M. LABORATORIES INC., CA
[85] 2018-09-06
[86] 2016-03-18 (PCT/CA2016/050313)
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[25] EN
[54] SEED INJECTION
[54] INJECTION DANS DES SEMENCES
[72] REICHENBERGER, GUNTHER, SE
[72] PFAFFENBICHLER, NIKOLAUS, AT
[72] MITTER, BIRGIT, AT
[72] RIESING, JOHANN, AT
[72] BRADER, GUNTER, AT
[71] AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH, AT
[85] 2018-09-06
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[30] EP (16161625.5) 2016-03-22

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[25] EN
[54] INDUSTRIAL PROCESS FOR THE PREPARATION OF (5S,10S)-10-BENZYL-16-METHYL-11,14,18-TRIOXO-15,17,19-TRIOXA-2,7,8-TRITHIA-12-AZAHENICOSAN-5-AMINIUM (E)-3-CARBOXYACRYLATE SALT
[54] PROCEDE INDUSTRIEL POUR LA PREPARATION DU SEL (E)-3-CARBOXYACRYLATE DE (5S,10S)-10-BENZYL-16-METHYL-11,14,18-TRIOXO-15,17,19-TRIOXA-2,7,8-TRITHIA-12-AZAHENICOSAN-5-AMINIUM
[72] PORAS, HERVE, FR
[72] LEFEBVRE, LOIC, FR
[72] ZHAO, XINJUN, CN
[72] GAMBERONI, LUCA, IT
[72] DE ROSA, SABRINA, IT
[72] VELARDI, ROSARIO, IT
[71] PHARMALEADS, FR
[85] 2018-09-06
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[25] EN
[54] CONCRETE PAVEMENT STRUCTURE COMPRISING A CONCRETE BASE LAYER AND AN ELASTOMER IMPROVED CONCRETE WEARING LAYER
[54] STRUCTURE DE CHAUSSEE EN BETON COMPRENANT UNE COUCHE DE BASE EN BETON ET UNE COUCHE D'USURE EN BETON AMELIOREE PAR UN ELASTOMERE
[72] DAO, DUC TUNG, FR
[72] ECH, MOHSEN, FR
[72] MIRAVALLS, NICOLAS, FR
[72] STORA, ERIC, FR
[71] HOLCIM TECHNOLOGY LTD, CH
[85] 2018-09-06
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[51] Int.Cl. C05B 7/00 (2006.01) C01B 25/28 (2006.01)
[25] EN
[54] METHOD OF PRODUCING A MONOAMMONIUM PHOSPHATE CONTAINING FERTILIZER SOLUTION
[54] PROCEDE DE PRODUCTION D'UNE SOLUTION D'ENGRAIS CONTENANT DU PHOSPHATE DE MONO-AMMONIUM
[72] BOTHA, GERHARDUS TREDOUX, ZA
[71] LIQUIGRO HOLDINGS (PROPRIETARY) LIMITED, ZA
[85] 2018-09-06
[86] 2016-06-20 (PCT/IB2016/053649)
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[25] EN
[54] A DEVICE AND METHOD FOR MEASURING VIEWING DISTANCES
[54] DISPOSITIF ET PROCEDE DE MESURE DE DISTANCES DE VISUALISATION
[72] ZAKHAROV, PAVEL, CH
[72] MROCHEN, MICHAEL, CH
[71] VIVIOR AG, CH
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[86] 2017-04-10 (PCT/EP2017/058494)
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[25] EN
[54] METHOD FOR OPERATING A
WIND TURBINE
[54] PROCEDE POUR FAIRE
FONCTIONNER UNE EOLIENNE
[72] MESSING, RALF, DE
[72] WORTELKER, RAINER, DE
[72] NOFFKE, NILS, DE
[72] FRAUENLOB, MARWIN, DE
[72] NAPIERALA, CHRISTIAN FRANK,
DE
[71] WOBben PROPERTIES GMBH, DE
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C22C 1/02 (2006.01)
[25] FR
[54] ENCLOSURE HAVING A SEALING
DEVICE FOR A CASTING
INSTALLATION
[54] ENCEINTE A DISPOSITIF
D'ETANCHEITE POUR
INSTALLATION DE COULEE
[72] BALLU, ARNAUD, FR
[72] VALENTIN, BERNARD, FR
[72] BLAIS, SOIZIC, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2018-09-06
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[87] (WO2017/158259)
[30] FR (1652343) 2016-03-18

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[13] A1

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[54] COOLED TURBINE VANE
[54] AUBE REFROIDIE DE TURBINE
[72] PAQUIN, SYLVAIN, FR
[72] ROLLINGER, ADRIEN BERNARD
VINCENT, FR
[71] SAFRAN, FR
[85] 2018-09-06
[86] 2017-03-09 (PCT/FR2017/050527)
[87] (WO2017/153687)
[30] FR (16 52014) 2016-03-10

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[13] A1

[51] Int.Cl. E01D 19/14 (2006.01) F16F
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[25] FR
[54] IMPROVED DEVICE FOR
DAMPING VIBRATIONS IN A
CABLE, NOTABLY A CABLE
STAY
[54] DISPOSITIF AMELIORE POUR
L'AMORTISSEMENT DE
VIBRATIONS D'UN CABLE,
NOTAMMENT D'UN CABLE DE
HAUBANAGE
[72] GUESDON, MATTHIEU, FR
[72] DUGAIN, ANTOINE, FR
[72] MILANDOU, KEVIN, FR
[72] TESTE, MAXIME, FR
[71] SOLETANCHE FREYSSINET, FR
[85] 2018-09-06
[86] 2017-03-17 (PCT/FR2017/050623)
[87] (WO2017/158307)
[30] FR (16 52344) 2016-03-18

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[51] Int.Cl. C10L 1/32 (2006.01)
[25] EN
[54] FUEL OIL / PARTICULATE
MATERIAL SLURRY
COMPOSITIONS AND
PROCESSES
[54] COMPOSITIONS DE SUSPENSION
DE MATIERE
PARTICULAIRE/MAZOUT ET
PROCEDES
[72] SNAITH, PAUL, GB
[72] UNSWORTH, JOHN FRANCIS, GB
[71] ARQ IP LIMITED, GB
[85] 2018-09-06
[86] 2017-04-04 (PCT/GB2017/050938)
[87] (WO2017/174972)
[30] GB (1605768.9) 2016-04-04
[30] GB (1607557.4) 2016-04-29
[30] US (15/284,995) 2016-10-04
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[25] EN
[54] SOLID-LIQUID CRUDE OIL
COMPOSITIONS AND
FRACTIONATION PROCESSES
THEREOF
[54] COMPOSITIONS SOLIDE-
LIQUIDE DE PETROLE BRUT ET
LEURS PROCEDES DE
FRACTIONNEMENT
[72] SNAITH, PAUL, GB
[72] UNSWORTH, JOHN FRANCIS, GB
[71] ARQ IP LIMITED, GB
[85] 2018-09-06
[86] 2017-04-04 (PCT/GB2017/050939)
[87] (WO2017/174973)
[30] GB (1605767.1) 2016-04-04
[30] GB (1607563.2) 2016-04-29

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B21D 24/04 (2006.01)
[25] EN
[54] METHOD FOR MANUFACTURING
PANEL-LIKE FORMED ARTICLE
[54] PROCEDE POUR LA
FABRICATION D'UN ARTICLE
MOULE EN FORME DE PANNEAU
[72] OTSUKA, KENICHIRO, JP
[72] HAMADA, KOICHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[71] NIPPON STEEL & SUMITOMO
METAL CORPORATION, JP
[85] 2018-09-06
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 - [25] EN
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 - [54] FORMULATION DE SUPPOSITOIRE D'ACETATE D'HYDROCORTISONE POUR LE TRAITEMENT DE MALADIES
 - [72] DAVAGIAN, JENNIFER J., US
 - [72] DEVARAJAN, RAJ, US
 - [71] CRISTCOT LLC, US
 - [85] 2018-09-06
 - [86] 2016-03-10 (PCT/US2016/021842)
 - [87] (WO2016/145233)
 - [30] US (62/131,944) 2015-03-12
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- [25] EN
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- [54] EXPRESSION MEDIEE PAR AAV UTILISANT UN PROMOTEUR ET UN ACTIVATEUR SYNTHETIQUES
- [72] ENGELHARDT, JOHN F., US
- [72] YAN, ZIYING, US
- [71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
- [85] 2018-09-06
- [86] 2017-03-07 (PCT/US2017/021124)
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- [30] US (62/304,656) 2016-03-07

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 - [54] THERMALLY LAMINATED TAB LINER
 - [54] OPERCULE A TIRETTE STRATIFIÉ THERMIQUEMENT
 - [72] BOURGEOIS, PHILIP, US
 - [71] TEKNI-PLEX, INC., US
 - [85] 2018-09-06
 - [86] 2017-03-29 (PCT/US2017/024774)
 - [87] (WO2017/176530)
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 - [25] EN
 - [54] METHOD FOR CHECKING THE CONFIGURATION SAFETY OF A COUPLING DEVICE
 - [54] PROCEDE DE CONTROLE SECURITAIRE DE LA CONFIGURATION D'UN DISPOSITIF D'ACCOPLEMENT
 - [72] CHAMEROY, ADRIEN, FR
 - [72] CHANTREL, CEDRIC, FR
 - [71] NISSAN MOTOR CO., LTD., JP
 - [85] 2018-09-07
 - [86] 2017-01-25 (PCT/FR2017/050168)
 - [87] (WO2017/153645)
 - [30] FR (1652009) 2016-03-10
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- [25] EN
- [54] HOLLOW-SHAFT LUBRICATING DEVICE, AND TRANSMISSION COMPRISING A STATIONARY FEEDING CANNULA
- [54] DISPOSITIF DE LUBRIFICATION D'UN ARBRE CREUX ET BOITE DE VITESSES COMPORANT UNE CANULE D'ALIMENTATION FIXE
- [72] VALLET, FRANCOIS-XAVIER, FR
- [72] VILLIERS, FLAVIEN, FR
- [71] NISSAN MOTOR CO., LTD., JP
- [85] 2018-09-07
- [86] 2017-02-02 (PCT/FR2017/050227)
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[25] EN
[54] METHOD AND KIT FOR
ASSEMBLY OF FRAMED
STRUCTURES
[54] PROCEDE ET KIT POUR
L'ASSEMBLAGE DE
STRUCTURES EN CHARPENTE
[72] BRAWNER, RANDY, CA
[72] HARKER, LYNN, CA
[71] BRAWNER, RANDY, CA
[71] HARKER, LYNN, CA
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[54] HEPATITIS B ANTIVIRAL
AGENTS
[54] AGENTS ANTIVIRAUX CONTRE
L'HEPATITE B
[72] QIU, YAO-LING, US
[72] GAO, XURI, US
[72] LI, WEI, US
[72] CAO, HUI, US
[72] JIN, MEIZHONG, US
[72] KASS, JORDEN, US
[72] PENG, XIAOWEN, US
[72] OR, YAT SUN, US
[71] ENANTA PHARMACEUTICALS,
INC., US
[85] 2018-09-04
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G06K 9/18 (2006.01)
[25] EN
[54] APPARATUS AND METHOD FOR
INDICATING AT LEAST ONE
PROPERTY RELATED TO AN
OBJECT
[54] APPAREIL ET PROCEDE POUR
INDIQUER AU MOINS UNE
PROPRIETE ASSOCIEE A UN
OBJET
[72] WRIGHT, STEPHEN JAMES, CA
[72] BUSHELL, ALEXANDER MICHAEL,
CA
[72] SANDERS, CHRISTOPHER JOSEPH,
CA
[72] FERREIRA, PEDRO GONCALO, CA
[72] SHEWARD, ROBERT MAXWELL,
CA
[72] LAMMERS, ERIK FREDERIK
GERARDUS, CA
[71] 9106634 CANADA LTD., CA
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[25] EN
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ELECTRIC ENERGY AND
METHOD OF OPERATING THE
APPARATUS
[54] PROCEDE D'ACCUMULATION
D'ENERGIE ELECTRIQUE ET
PROCEDE DE
FONCTIONNEMENT DU
DISPOSITIF
[72] HEIDEBRECHT, PETER, DE
[72] BAYER, DOMNIK, DE
[72] JABCZYNSKI, WOLFGANG, DE
[72] ZERPA UNDA, JESUS ENRIQUE, DE
[72] DUERR, ANNA KATHARINA, DE
[71] BASF SE, DE
[85] 2018-09-06
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[54] STANDING PIPE RACK BACK
SYSTEM
[54] SYSTEME DE SUPPORT DE
TUYAU VERTICAL
[72] SOPRACOLLE, TREVOR, CA
[71] GOLIATH SNUBBING LTD., CA
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[30] US (62/304,866) 2016-03-07

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[54] SNOW PLOW BLADE ASSEMBLY
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NEIGE
[72] DESROCHERS, MARIO, CA
[72] VIOLO, VITTORIO, CA
[71] 9318704 CANADA INC., CA
[85] 2018-09-07
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[30] US (62/305,834) 2016-03-09

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SWING ARM
[54] TENDEUR POUR UN BRAS
OSCILLANT DE SUSPENSION
[72] WATT, DANIEL STANLEY, CA
[72] KROLL, JERRY, CA
[72] HARGROVE, SCOTT STUART, CA
[72] REISNER, HENRY, CA
[72] THEOBALD, EDWARD, CA
[71] ELECTRAMECCANICA VEHICLES
CORP., CA
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[30] US (62/306,573) 2016-03-10

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[25] EN
[54] SYSTEMS, METHODS, AND DEVICES FOR SECURE GENERATION AND PROCESSING OF DATA SETS REPRESENTING PRE-FUNDED PAYMENTS
[54] SYSTEMES, PROCEDES ET DISPOSITIFS POUR GENERATION ET TRAITEMENT SECURISES D'ENSEMBLES DE DONNEES REPRESENTANT DES PAIEMENTS PRE-FINANCES
[72] BADAL-BADALIAN, ARNOLD, CA
[72] LEE, TERRY W., CA
[72] ORTIZ, EDISON U., CA
[72] PAVLOVIC, MARKO, CA
[71] ROYAL BANK OF CANADA, CA
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[25] EN
[54] SYSTEM AND METHOD FOR TRAINING OBJECT CLASSIFIER BY MACHINE LEARNING
[54] SYSTEME ET PROCEDE D'APPRENTISSAGE DE CLASSIFICATEUR D'OBJET PAR APPRENTISSAGE AUTOMATIQUE
[72] SHRIVASTAVA, ASHISH, CA
[71] AVIGILON CORPORATION, CA
[85] 2018-09-07
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[25] EN
[54] FIBROTIC TREATMENT
[54] TRAITEMENT DE LA FIBROSE
[72] CHAI, SIEW YEEN, AU
[72] WIDDOP, ROBERT, AU
[72] GASPARI, TRACEY, AU
[72] LEE, HUEY WEN, AU
[71] MONASH UNIVERSITY, AU
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[54] TECHNIQUES MEDICALES ASSISTÉES PAR HYPERFREQUENCE ET APPAREIL ASSOCIE
[72] BELANGER, JACQUELINE M. R., CA
[72] PARE, J. R. JOCELYN, CA
[71] ATLANTIC CANCER RESEARCH INSTITUTE, CA
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[25] EN
[54] CO-FORMULATION COMPRISING A PLANT GROWTH REGULATOR AND AN OIL, AND METHODS OF PREPARING AND USING SAID CO-FORMULATION
[54] CO-FORMULATION COMPRENANT UN REGULATEUR DE CROISSANCE VÉGÉTALE ET UNE HUILE, ET PROCEDES DE PRÉPARATION ET D'UTILISATION DE LADITE CO-FORMULATION
[72] BROWN, ROWAN, AU
[71] HUNTSMAN CORPORATION AUSTRALIA PTY LIMITED, AU
[85] 2018-09-07
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[30] AU (2016904732) 2016-11-18

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[25] EN
[54] A WIRELESS COMMUNICATION SYSTEM
[54] SYSTEME DE COMMUNICATION SANS FIL
[72] VANDENBERG, STEPHEN, AU
[72] CAFFERY, GRANT, AU
[72] BYE, ALAN, AU
[71] BHP BILLITON INNOVATION PTY LTD, AU
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 [54] TRAITEMENT DE DECHETS SOLIDES PAR PYROLYSE DE DECHETS CELLULOSIQUES
 [72] BENEDEK, ANDREW, US
 [72] JOSSE, JUAN CARLOS, US
 [71] ANAERGIA INC., CA
 [85] 2018-09-07
 [86] 2017-03-14 (PCT/CA2017/050336)
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 [54] COMPOSES CINNOLIN-4-AMINE ET LEUR UTILISATION POUR TRAITER LE CANCER
 [72] PIKE, KURT GORDON, GB
 [72] BARLAAM, BERNARD CHRISTOPHE, GB
 [71] ASTRAZENECA AB, SE
 [85] 2018-09-07
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 [54] FUSION PROTEINS OF PD-1 AND 4-1BB
 [54] PROTEINES DE FUSION DE PD-1 ET 4-1 BB
 [72] NOESSNER, ELFRIEDE, DE
 [72] SCHLENKER, RAMONA, DE
 [72] WEISZ, STEPHAN, DE
 [71] HELMHOLTZ ZENTRUM MUNCHEN - DEUTSCHES FORSCHUNGZENTRUM FUR GESUNDHEIT UND UMWELT (GMBH), DE
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 [86] 2017-03-23 (PCT/EP2017/056931)
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 [54] PROCEDE DE COLORATION PARTIELLE DE PIECES EN MATIERE PLASTIQUE
 [72] TZIOVARAS, GEORGIOS, DE
 [72] PIERMATTEO, CIRO, DE
 [71] COVESTRO DEUTSCHLAND AG, DE
 [85] 2018-09-07
 [86] 2017-03-24 (PCT/EP2017/057036)
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 [25] EN
 [54] A PROCESS FOR PREPARING A SHELF-STABLE PROTEIN SNACK
 [54] PROCEDE DE PREPARATION D'UN EN-CAS PROTEIQUE DE LONGUE CONSERVATION
 [72] KURNIA, ALBERT, DE
 [71] NESTEC S.A., CH
 [85] 2018-09-07
 [86] 2017-04-03 (PCT/EP2017/057871)
 [87] (WO2017/174518)
 [30] EP (16163955.4) 2016-04-06

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 [25] EN
 [54] METHODS AND SYSTEM FOR INSPECTING TRAIN WHEELS AND AXLES
 [54] PROCEDES ET SYSTEME D'INSPECTION DE ROUES ET D'ESSIEUX DE TRAIN
 [72] PAULSON, PETER O., CA
 [71] PURE TECHNOLOGIES LTD., CA
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 - [25] EN
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 - [54] BIOMARQUEUR POUR LE DIAGNOSTIC D'HYPERTENSION PULMONAIRE (PH)
 - [72] BORDAG, NATALIE, AT
 - [72] MAGNES, CHRISTOPH, AT
 - [72] NARATH, SOPHIE, AT
 - [72] GANDER, EDGAR, AT
 - [72] OLSCHEWSKI, ANDREA, AT
 - [72] NAGY, BENCE M., AT
 - [72] OLSCHEWSKI, HORST, AT
 - [71] CBMED GMBH CENTER FOR BIOMARKER RESEARCH IN MEDICINE, AT
 - [71] JR - JOANNEUM RESEARCH FORSCHUNGSGESELLSCHAFT MBH HEALTH, AT
 - [71] LBI-LVR - LUDWIG BOLTZMANN INSTITUTE LUNG VASCULAR RESEARCH OF THE LUDWI, AT
 - [71] MUG - UNIVERSITATSKLINIK FUR INNERE MEDIZIN, MEDIZINISCHE UNIVERSITAT GR, AT
 - [85] 2018-09-07
 - [86] 2017-03-08 (PCT/EP2017/055440)
 - [87] (WO2017/153472)
 - [30] EP (16159415.5) 2016-03-09
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- [51] Int.Cl. B41J 3/36 (2006.01) B41J 2/175 (2006.01)
- [25] EN
- [54] INK JET PRINTER FOR THE LABELLING OF GOODS WITH A WRITE HEAD AND A SUPPLY TANK
- [54] IMPRIMANTE A JET D'ENCRE SERVANT A APPoser UNE INSCRIPTION SUR DES ARTICLES ET MUNIE D'UNE TETE D'ECRITURE ET D'UN RESERVOIR
- [72] SLOMIANNY, ANDREAS, DE
- [71] EBS INK JET SYSTEME GMBH, DE
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- [30] DE (10 2016 106 259.6) 2016-04-06

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- [51] Int.Cl. A24B 3/14 (2006.01)
 - [25] EN
 - [54] METHOD FOR THE PREPARATION OF A CAST SHEET OF HOMOGENIZED TOBACCO MATERIAL
 - [54] PROCEDE POUR LA PREPARATION D'UNE FEUILLE COULEE DE MATERIAU DE TABAC HOMOGENEISE
 - [72] KLIPFEL, YORICK, CH
 - [72] BUEHLER, FREDERIC ULYSSE, CH
 - [72] PERRINJAQUET, MARC, CH
 - [71] PHILIP MORRIS PRODUCTS S.A., CH
 - [85] 2018-09-07
 - [86] 2017-04-10 (PCT/EP2017/058581)
 - [87] (WO2017/202538)
 - [30] EP (16171642.8) 2016-05-27
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- [25] EN
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- [54] DISPOSITIF DE FIXATION D'UN DISPOSITIF D'EXTENSION DU PENIS DOTE D'UN DISPOSITIF DE MESURE DE LA FORCE DE TRACTION
- [72] JOCHUM, HERBERT, DE
- [71] SWISS-TEC GLOBAL LTD, MT
- [85] 2018-09-07
- [86] 2017-05-22 (PCT/EP2017/062301)
- [87] (WO2017/202785)
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 - [25] FR
 - [54] METHOD FOR PRODUCING DIANHYDROHEXITOL WITH A STEP OF DISTILLATION ON A THIN-FILM EVAPORATOR
 - [54] PROCEDE DE FABRICATION DE DIANHYDROHEXITOL AVEC UNE ETAPE DE DISTILLATION SUR UN EVAPORATEUR A COUCHE MINCE
 - [72] WYART, HERVE, FR
 - [72] IBERT, MATHIAS, FR
 - [71] ROQUETTE FRERES, FR
 - [85] 2018-09-07
 - [86] 2017-03-16 (PCT/FR2017/050608)
 - [87] (WO2017/158303)
 - [30] FR (16 52236) 2016-03-16
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- [51] Int.Cl. H01Q 1/52 (2006.01) H01Q 9/04 (2006.01) H01Q 21/06 (2006.01) H01Q 21/08 (2006.01)
- [25] EN
- [54] ANTENNA ARRAY ASSEMBLY
- [54] ENSEMBLE RESEAU D'ANTENNES
- [72] CLARK, PAUL, GB
- [72] WILKINS, ADAM, GB
- [72] MORRELL, CARL, GB
- [72] KING, NIGEL, GB
- [71] CAMBIUM NETWORKS LTD, GB
- [85] 2018-09-07
- [86] 2017-03-07 (PCT/GB2017/050597)
- [87] (WO2017/153730)
- [30] GB (1603966.1) 2016-03-08
- [30] US (15/074,781) 2016-03-18

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 - [25] EN
 - [54] METHOD OF COATING A SUBSTRATE WITH A PARTICLE STABILIZED FOAM
 - [54] PROCEDE DE REVETEMENT D'UN SUBSTRAT COMPRENNANT UNE MOUSSE STABILISEE PAR DES PARTICULES
 - [72] BERNARDINI, CECILIA, GB
 - [72] CAMPBELL, THOMAS, GB
 - [72] CHANDLER, GUY RICHARD, GB
 - [72] DALY, CHRISTOPHER, GB
 - [72] HARDSTONE, KATHARINE, GB
 - [72] HOTCHKISS, THOMAS, GB
 - [72] THOMPSETT, DAVID, GB
 - [71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
 - [85] 2018-09-07
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 - [87] (WO2017/178801)
 - [30] GB (1606133.5) 2016-04-11
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[13] A1

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- [25] EN
- [54] REDUCING MAGNETIC FIELD INSTABILITIES CAUSED BY OSCILLATIONS OF A MECHANICAL CRYOCOOLER IN MAGNETIC RESONANCE SYSTEMS
- [54] REDUCTION DES INSTABILITES D'UN CHAMP MAGNETIQUE PROVOQUEES PAR LES OSCILLATIONS D'UN REFROIDISSEUR CRYOGENIQUE MECANIQUE DANS LES SYSTEMES A RESONANCE MAGNETIQUE
- [72] HARRIS, CHAD TYLER, CA
- [72] BINDSEIL, GERON ANDRE, CA
- [72] PANTHER, ALEXANDER GYLES, CA
- [72] BEATTY, PHILIP J., CA
- [72] STAINSBY, JEFF ALAN, CA
- [71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
- [85] 2018-09-07
- [86] 2016-03-09 (PCT/IB2016/051344)
- [87] (WO2017/153805)

[21] 3,017,070
[13] A1

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 - [25] EN
 - [54] SYSTEM AND METHOD FOR SENSING TISSUE DEFORMATION
 - [54] SYSTEME ET PROCEDE DE DETECTION DE DEFORMATION DE TISSU
 - [72] RICHMOND, JOSHUA LEE, CA
 - [72] PIRON, CAMERON ANTHONY, CA
 - [71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
 - [85] 2018-09-07
 - [86] 2016-03-13 (PCT/IB2016/051432)
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- [25] EN
- [54] METHOD FOR MANUFACTURING COLD-ROLLED, WELDED STEEL SHEETS, AND SHEETS THUS PRODUCED
- [54] PROCEDE DE FABRICATION DE TOLES D'ACIERS LAMEEES A FROID ET SOUDEES, ET TOLES AINSI PRODUIITES
- [72] DECHASSEY, EMMANUEL, ES
- [72] SILVY LELIGOIS, CHRISTOPHE, ES
- [72] CHICHARRO HERRANZ, FRANCISCO, ES
- [72] POLO MESTRE, VICENTE, ES
- [72] THEYSSIER, MARIE-CHRISTINE, FR
- [72] CELOTTO, THIERRY, FR
- [72] KACZYNSKI, CHRISTINE, FI
- [72] DUPUIS, THOMAS, FR
- [72] QUANG-TIEN, NGO, FR
- [71] ARCELORMITTAL, LU
- [85] 2018-09-07
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- [87] (WO2017/163115)
- [30] IB (PCT/IB2016/000378) 2016-03-25

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[25] EN
[54] LOCKING DEVICE WITH INTEGRATED CIRCUIT BOARD
[54] DISPOSITIF DE VERROUILLAGE AVEC CARTE DE CIRCUIT INTEGRE
[72] ZIMMER, TODD C., US
[72] TONON, JEFF P., US
[72] LOWDER, SCOTT B., US
[71] SARGENT MANUFACTURING COMPANY, US
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[25] EN
[54] FLUSH MOUNT LIGHTING FIXTURE
[54] APPAREIL D'ECLAIRAGE AFFLEURANT
[72] FEIT, ALAN BARRY, US
[72] HALLIWELL, BRIAN, US
[71] FEIT ELECTRIC COMPANY, INC., US
[22] 2017-09-20
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[62] 2,979,652
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[51] Int.Cl. A01N 1/02 (2006.01) C12M 3/00 (2006.01) C12Q 1/00 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR EX VIVO LUNG CARE
[54] SYSTEMES ET METHODES DE SOINS PULMONAIRES EX VIVO
[72] FISHMAN, ROBERT, US
[72] HAVENER, ROBERT, US
[72] FATTAH, IHAB ABDEL, US
[72] ABDELAZIM, ANAS, US
[72] NEWELL, SCOTT, US
[72] BISHOP, TOM, US
[72] KHAYAL, TAMER, US
[72] KYI, STANLEY, US
[72] TAYLOR, RONALD, US
[72] HARRIOTT, DOUG, US
[72] DE REMER, MATTHEW, US
[72] MURRAY, PAUL, US
[72] SULLIVAN, JOHN, US
[72] ANDERSON, MARK, US
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[72] VAN DRIEL, MICHAEL, US
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[71] TRANSMEDICS, INC., US
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[51] Int.Cl. A61M 1/00 (2006.01) A61M 27/00 (2006.01)
[25] EN
[54] ABDOMINAL TREATMENT SYSTEMS, DELIVERY DEVICES, AND METHODS
[54] SYSTEMES POUR TRAITEMENT ABDOMINAL, DISPOSITIFS D'ADMINISTRATION ET PROCEDES CORRESPONDANTS
[72] SIMMONS, TYLER, US
[72] SAMMONS, ALEXANDER, US
[71] KCI LICENSING, INC., US
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[41] 2011-09-15
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[25] EN
[54] FLUSH MOUNT LIGHTING FIXTURE
[54] APPAREIL D'ECLAIRAGE AFFLEURANT
[72] FEIT, ALAN BARRY, US
[72] HALLIWELL, BRIAN, US
[71] FEIT ELECTRIC COMPANY, INC., US
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<p style="text-align: right;">[21] 3,016,042 [13] A1</p> <p>[51] Int.Cl. A61M 5/158 (2006.01) A61M 5/20 (2006.01) A61M 5/32 (2006.01)</p> <p>[25] EN</p> <p>[54] INSULIN PUMP DERMAL INFUSION SET HAVING PARTIALLY INTEGRATED MECHANIZED CANNULA INSERTION WITH DISPOSABLE ACTIVATION PORTION</p> <p>[54] ENSEMBLE DE PERFUSION DERMIQUE POUR POMPE A INSULINE EQUIPE D'UN MECANISME D'INSERTION DE CANULE PARTIELLEMENT INTEGRE AVEC ELEMENT D'ACTIVATION JETABLE</p> <p>[72] BENE, ERIC, US [72] COLE, RUSSELL, US [72] IRWIN, STEVE, US [72] KADAMUS, CHRIS, US [72] ROUX, SERGE, US [71] BECTON, DICKINSON AND COMPANY, US [22] 2011-11-29 [41] 2012-05-30 [62] 2,759,599 [30] US (61/344,966) 2010-11-30 [30] US (61/457,033) 2010-12-13</p>	<p style="text-align: right;">[21] 3,016,111 [13] A1</p> <p>[51] Int.Cl. A42B 3/04 (2006.01) A42B 3/06 (2006.01) A42B 3/08 (2006.01) A42B 3/32 (2006.01) A63B 71/10 (2006.01)</p> <p>[25] EN</p> <p>[54] ADJUSTABLE HOCKEY HELMET</p> <p>[54] CASQUE DE HOCKEY AJUSTABLE</p> <p>[72] BELANGER, GUILLAUME, CA [72] BELAND, JEAN-FRANCOIS, CA [71] BAUER HOCKEY LTD., CA [22] 2008-08-15 [41] 2009-02-17 [62] 2,989,211 [30] US (60/956,621) 2007-08-17</p>	

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<p style="text-align: right;">[21] 3,016,211 [13] A1</p> <p>[51] Int.Cl. E01C 5/06 (2006.01) E01C 11/04 (2006.01) E01F 5/00 (2006.01) E03F 1/00 (2006.01) [25] EN [54] PRECAST INTERCONNECTABLE CONCRETE PAVER BLOCK FOR CONSTRUCTING PAVING SURFACES [54] BLOC DE PAVE DE BETON INTERCONNECTABLE PREMOULE POUR LA CONSTRUCTION DE SURFACES PAVEES [72] CICCARELLO, CHARLES, CA [71] TECHO-BLOC INC., CA [22] 2011-10-11 [41] 2013-04-11 [62] 2,754,920</p>	<p style="text-align: right;">[21] 3,016,386 [13] A1</p> <p>[51] Int.Cl. C12N 5/00 (2006.01) C12N 5/07 (2010.01) C12N 5/02 (2006.01) C12N 5/04 (2006.01) [25] EN [54] REGULATING STEM CELLS [54] REGULATION DE CELLULES SOUCHES [72] FULGA, VALENTIN, IL [72] PORAT, YAEL, IL [72] POROZOV, SVETLANA, IL [72] SHIMONI-ZALK, DAPHNA, IL [71] KWALATA TRADING LIMITED, CY [22] 2005-12-14 [41] 2006-06-22 [62] 2,632,834 [30] US (60/636,391) 2004-12-14 [30] US (60/668,739) 2005-04-05</p>	

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 - [25] EN
 - [54] COMBINATION OF AN INSULIN AND A GLP-1 AGONIST
 - [54] COMBINAISON D'UNE INSULINE ET D'UN AGONISTE DE GLP-1
 - [72] WERNER, ULRICH, DE
 - [72] ROTTHAUSER, BARBEL, DE
 - [72] SMITH, CHRISTOPHER JAMES, DE
 - [71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
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 - [30] DE (10 2008 051 834.4) 2008-10-17
 - [30] DE (10 2008 053 048.4) 2008-10-24
 - [30] DE (10 2009 038 210.0) 2009-08-20
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- [25] EN
- [54] MANAGING MULTIPLE PROFILES FOR A SINGLE ACCOUNT IN AN ASYNCHRONOUS MESSAGING SYSTEM
- [54] GESTION DE PLUSIEURS PROFILS POUR UN SEUL COMPTE DANS UN SYSTEME DE MESSAGERIE ASYNCHRONE
- [72] ABDEL-MAGUID, HAZEM, CA
- [72] AMER, ABDELRAHMAN, CA
- [71] Nandbox Inc., CA
- [22] 2016-08-31
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- [30] US (62/301,685) 2016-03-01

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 - [25] EN
 - [54] SAFETY VALVE FOR AN AUTOMATIC DAIRY ANIMAL MILKER UNIT BACKFLUSHER AND TEAT DIP APPLICATOR
 - [54] SOUPAPE DE SURETE DESTINEE AU DECOLMATAGE A CONTRE-COURANT D'UNE UNITE DE TRAITE D'ANIMAL LAITIER AUTOMATIQUE
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 - [72] HEIDLUND, NATHAN, US
 - [72] STUSSSEL, MATTHEW J., US
 - [71] GEA FARM TECHNOLOGIES, INC., US
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- [71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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 - [25] EN
 - [54] SYSTEMS, COMPUTER MEDIUM AND COMPUTER-IMPLEMENTED METHODS FOR MONITORING AND IMPROVING HEALTH AND PRODUCTIVITY OF EMPLOYEES
 - [54] SYSTEMES, SUPPORT INFORMATIQUE ET PROCEDES INFORMATIQUES POUR SURVEILLER ET AMELIORER LA SANTE ET LA PRODUCTIVITE DES EMPLOYES
 - [72] HORSEMAN, SAMANTHA J., SA
 - [71] SAUDI ARABIAN OIL COMPANY, SA
 - [22] 2012-07-03
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 - [30] US (61/504,638) 2011-07-05
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 - [30] US (61/659,790) 2012-06-14
 - [30] US (61/659,818) 2012-06-14
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 - [30] US (61/659,796) 2012-06-14
 - [30] US (61/659,810) 2012-06-14
 - [30] US (61/659,831) 2012-06-14
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- [25] EN
- [54] SYSTEM AND METHOD FOR MEASURING CORNEAL TOPOGRAPHY
- [54] SYSTEME ET PROCEDE POUR MESURER LA TOPOGRAPHIE CORNEENNE
- [72] RAYMOND, THOMAS D., US
- [72] POWERS, WILLIAM S., US
- [72] NEAL, DANIEL R., US
- [72] FARRER, STEPHEN W., US
- [72] CAMPBELL, CHARLES E., US
- [71] AMO WAVEFRONT SCIENCES, LLC, US
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 - [54] SEPARABLE HUB POST OF PEN NEEDLE
 - [54] MONTANT D'EMBOITEMENT SEPARABLE POUR AIGUILLE STYLO
 - [72] HORVATH, JOSHUA, US
 - [72] BRIZZOLARA, JOSEPH, US
 - [72] HWANG, CHARLES, US
 - [72] BATES, JAMES, US
 - [72] KNAPP, KEITH, US
 - [71] BECTON, DICKINSON AND COMPANY, US
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 - [54] IMPROVED HEAT EXCHANGER UNIT
 - [54] MODULE D'ECHANGEUR THERMIQUE AMELIORE
 - [72] HJORTH, DEREK, US
 - [72] GASKA, JOHN, US
 - [72] VISSCHER, KEVIN, CA
 - [72] LOTHEY, IQBAL, CA
 - [72] VANBERG, RANDY, US
 - [72] PENG, BOB, CA
 - [71] GLOBAL HEAT TRANSFER ULC, CA
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 - [62] 2,963,572
 - [30] US (60/320,606) 2016-04-10
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 - [30] US (15/477,097) 2017-04-02
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 - [54] FEEDBACK CONTROL IN MICROFLUIDIC SYSTEMS
 - [54] ASSERVISSEMENT DANS DES SYSTEMES MICROFLUIDIQUES
 - [72] LINDER, VINCENT, US
 - [72] STEINMILLER, DAVID, US
 - [71] OPKO DIAGNOSTICS, LLC, US
 - [22] 2011-04-15
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 - [62] 2,795,211
 - [30] US (61/325,044) 2010-04-16
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 - [72] ABBOTT, AARON DANIEL, US
 - [72] FEGLEY, JEFFREY JOSEPH, US
 - [72] BLASZCZAK, GREGORY J., US
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 - [30] US (61/856,871) 2013-07-22
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- [25] EN
- [54] CONTINUOUS METHODS FOR TREATING LIQUIDS AND MANUFACTURING CERTAIN CONSTITUENTS (E.G. NANOPARTICLES) IN LIQUIDS, APPARATUSES AND NANOPARTICLES AND NANOPARTICLE/LIQUID SOLUTION(S) RESULTING THEREFROM
- [54] PROCEDES CONTINUS DE TRAITEMENT DES LIQUIDES ET DE FABRICATION DE CERTAINS CONSTITUANTS (PAR EXEMPLE DES NANOParticules) DES LIQUIDES, APPAREILS ET NANOParticules ET SOLUTION(S) ABASE DE NANOParticules/LIQUIDE EN RESULTANT

- [72] PIERCE, DAVID K., US
 - [72] MORTENSON, MARK G., US
 - [72] BRYCE, DAVID A., US
 - [71] CLENE NANOMEDICINE, INC., US
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 - [62] 2,693,686
 - [30] US (60/949,175) 2007-07-11
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[13] A1

- [51] Int.Cl. F41A 21/02 (2006.01) F41A 21/20 (2006.01)
- [25] EN
- [54] HIGH TEMPERATURE COMPOSITE PROJECTILE BARREL
- [54] FUT DE PROJECTILE COMPOSITE A HAUTE TEMPERATURE
- [72] CURLISS, DAVID B., US
- [72] LINCOLN, JASON E., US
- [72] DEGERNESS, MICHAEL K., US
- [71] PROOF RESEARCH, INC., US
- [22] 2014-08-28
- [41] 2015-03-05
- [62] 2,921,663
- [30] US (61/871,154) 2013-08-28
- [30] US (61/873,771) 2013-09-04

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

<p style="text-align: right;">[21] 3,016,736 [13] A1</p> <p>[51] Int.Cl. H04L 12/951 (2013.01) H04W 72/00 (2009.01) H04J 11/00 (2006.01) H04L 1/22 (2006.01)</p> <p>[25] EN</p> <p>[54] DYNAMIC CONFIGURATION OF A FLEXIBLE ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING PHY TRANSPORT DATA FRAME</p> <p>[54] CONFIGURATION DYNAMIQUE D'UNE TRAME FLEXIBLE DE DONNEES DE TRANSPORT/PHY A MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE</p> <p>[72] SIMON, MICHAEL J., US</p> <p>[72] SHELBY, KEVIN A., US</p> <p>[72] EARNSHAW, MARK, US</p> <p>[71] ONE MEDIA, LLC, US</p> <p>[22] 2015-08-07</p> <p>[41] 2016-02-11</p> <p>[62] 2,956,957</p> <p>[30] US (62/034,583) 2014-08-07</p>	<p style="text-align: right;">[21] 3,016,781 [13] A1</p> <p>[51] Int.Cl. A61M 11/06 (2006.01) A61M 5/31 (2006.01) A61M 15/08 (2006.01)</p> <p>[25] EN</p> <p>[54] ATOMIZER FOR NASAL THERAPY</p> <p>[54] ATOMISEUR POUR THERAPIE NASALE</p> <p>[72] DENTON, MARSHALL T., US</p> <p>[72] CROLL, PERRY W., US</p> <p>[72] CRISTENSEN, MARK A., US</p> <p>[72] WOLFE, TIMOTHY R., US</p> <p>[72] BROWN, J. MICHAEL, US</p> <p>[71] WOLFE TORY MEDICAL, INC., US</p> <p>[22] 2011-11-11</p> <p>[41] 2012-05-18</p> <p>[62] 2,817,482</p> <p>[30] US (61/456780) 2010-11-12</p>	<p style="text-align: right;">[21] 3,016,913 [13] A1</p> <p>[51] Int.Cl. H04N 19/137 (2014.01) H04N 19/176 (2014.01) H04N 19/70 (2014.01)</p> <p>[25] EN</p> <p>[54] VIDEO ENCODING METHOD USING OFFSET ADJUSTMENTS ACCORDING TO PIXEL CLASSIFICATION AND APPARATUS THEREFOR, VIDEO DECODING METHOD AND APPARATUS THEREFOR</p> <p>[54] PROCEDE DE CODAGE VIDEO UTILISANT DES REGLAGES DE DECALAGE SELON LA CLASSIFICATION DES PIXELS ET APPAREIL CORRESPONDANT, ET PROCEDE ET APPAREIL DE DECODAGE VIDEO</p> <p>[72] ALSHINA, ELENA, KR</p> <p>[72] ALSHIN, ALEXANDER, KR</p> <p>[71] SAMSUNG ELECTRONICS CO., LTD., KR</p> <p>[22] 2012-06-27</p> <p>[41] 2013-01-03</p> <p>[62] 2,840,583</p> <p>[30] US (61/502,018) 2011-06-28</p>
<p style="text-align: right;">[21] 3,016,741 [13] A1</p> <p>[51] Int.Cl. G10L 19/028 (2013.01) G10L 19/012 (2013.01) G10L 25/78 (2013.01)</p> <p>[25] EN</p> <p>[54] SIGNAL ENCODING METHOD AND DEVICE</p> <p>[54] METHODE ET DISPOSITIF DE CODAGE DE SIGNAL</p> <p>[72] WANG, ZHE, CN</p> <p>[71] HUAWEI TECHNOLOGIES CO., LTD., CN</p> <p>[22] 2013-09-25</p> <p>[41] 2014-12-04</p> <p>[62] 2,911,439</p> <p>[30] CN (201310209760.9) 2013-05-30</p>	<p style="text-align: right;">[21] 3,016,898 [13] A1</p> <p>[51] Int.Cl. G16H 40/63 (2018.01) G06F 3/0481 (2013.01) A61M 5/142 (2006.01) A61M 5/172 (2006.01)</p> <p>[25] EN</p> <p>[54] USER INTERFACE IMPROVEMENTS FOR MEDICAL DEVICES</p> <p>[54] AMELIORATIONS D'INTERFACE UTILISATEUR POUR DES DISPOSITIFS MEDICAUX</p> <p>[72] RUBALCABA, BERNARDINO, JR., US</p> <p>[72] TEEL, CLAY H., US</p> <p>[72] LECAPTAIN, ANGELA, US</p> <p>[72] ARRIZZA, JOHN, US</p> <p>[72] CAMPBELL, LYNETTE L., US</p> <p>[72] COZMI, MIHAELA, US</p> <p>[72] DAVIS, GLENN, US</p> <p>[72] FENG, WEN X., US</p> <p>[72] MARINO, ANGELA, US</p> <p>[72] PALMROOS, JOH ERIK MICHAEL, US</p> <p>[72] SILKAITIS, RAYMOND P., US</p> <p>[72] WILLEY, SUZANNE, US</p> <p>[72] XIN, YU, US</p> <p>[71] ICU MEDICAL, INC., US</p> <p>[22] 2008-12-18</p> <p>[41] 2009-06-25</p> <p>[62] 2,944,504</p> <p>[30] US (61/014,677) 2007-12-18</p>	<p style="text-align: right;">[21] 3,016,923 [13] A1</p> <p>[51] Int.Cl. E03C 1/05 (2006.01) F16K 11/00 (2006.01) F16K 31/02 (2006.01) F16L 3/01 (2006.01)</p> <p>[25] EN</p> <p>[54] ELECTRONIC PLUMBING FIXTURE FITTING</p> <p>[54] RACCORD D'EQUIPEMENT DE PLOMBERIE ELECTRONIQUE</p> <p>[72] EVANS, KENNETH E., US</p> <p>[72] FRICK, TIMOTHY A., US</p> <p>[72] PAGANO, TERRENCE A., US</p> <p>[72] PARikh, HARSHIL R., US</p> <p>[72] SONG, INHO, US</p> <p>[72] TUCKER, W. RANDALL, US</p> <p>[72] WEBER, ERIC M., US</p> <p>[71] MOEN INCORPORATED, US</p> <p>[22] 2013-03-07</p> <p>[41] 2013-09-12</p> <p>[62] 2,866,674</p> <p>[30] US (61/607,860) 2012-03-07</p>

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[21] **3,016,941**

[13] A1

- [51] Int.Cl. B31B 50/14 (2017.01) B65D
51/16 (2006.01)
[25] EN
[54] LAMINATED, BLOW-MOLDED
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[54] RECIPIENT MULTICOUCHE
MOULE PAR SOUFFLAGE ET
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[72] MIYAJIMA, HISAO, JP
[72] SOTOME, MITSUHIRO, JP
[71] YOSHINO KOGYOSHO CO., LTD.,
JP
[22] 2012-08-08
[41] 2013-03-07
[62] 2,847,329
[30] JP (2011-188750) 2011-08-31
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[21] **3,016,951**

[13] A1

- [51] Int.Cl. G01N 15/06 (2006.01) G08B
17/107 (2006.01)
[25] EN
[54] OPTICAL DETECTION OF
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[54] DETECTION OPTIQUE DE
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[72] ALEXANDER, BRIAN, AU
[72] VAYEDA, NITIN, AU
[72] AJAY, KEMAL, AU
[71] GARRETT THERMAL SYSTEMS
LIMITED, GB
[22] 2009-09-04
[41] 2010-03-11
[62] 2,735,715
[30] AU (2008904626) 2008-09-05
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[21] **3,016,995**

[13] A1

- [51] Int.Cl. E04F 13/22 (2006.01) E04B
1/41 (2006.01)
[25] EN
[54] THERMAL WALL ANCHOR
[54] ANCRAJE MURAL THERMIQUE
[72] HOHMANN, RONALD P., JR., US
[71] MITEK HOLDINGS, INC., US
[22] 2015-06-23
[41] 2015-12-24
[62] 2,895,554
[30] US (14/313689) 2014-06-24
-

[21] **3,017,000**

[13] A1

- [51] Int.Cl. C09K 3/00 (2006.01) C08J 9/14
(2006.01) C09K 3/30 (2006.01) C09K
5/04 (2006.01)
[25] EN
[54] COMPOSITIONS COMPRISING
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2-CHLORO-3,3,3-
TRIFLUOROPROPENE, OR 2-
CHLORO-1,1,1,2-
TETRAFLUOROPROPANE
[54] COMPOSITIONS COMPRENANT
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1,1,2,3-TETRACHLOROPROPENE,
DU 2-CHLORO-3,3,3-
TRIFLUOROPROPENE, OU DU 2-
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[72] NAPPA, MARIO JOSEPH, US
[71] E. I. DU PONT DE NEMOURS AND
COMPANY, US
[22] 2010-12-22
[41] 2011-07-21
[62] 2,782,592
[30] US (61/289,027) 2009-12-22

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LEITCH, OLAN	2,888,828	MADANI, VAHID	2,925,602	MEHTA, VARUN ANILKUMAR	2,825,367
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LENOIR, CHRISTIAN	2,753,835	MAGEE, BRYN GOUGH	2,691,245	MERCANTE, LUCA	2,822,972
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LEXMARK INTERNATIONAL, INC.	2,807,323	INTERNATIONAL, INCORPORATED	2,956,800	MESSMER, KONRAD	2,773,776
LI, GUIFENG	2,821,189	MAGNETROL		METCALFE, MALCOLM	2,786,720
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LICCIARDELLO, DEBRA LYNN	2,845,801	MALASCHEWSKI, MARKUS	2,952,554	MICROPURE, INC.	2,794,242
LICCIARDELLO, DONALD C.	2,845,801	MALCUS, STEFAN	2,764,789	MICROSOFT TECHNOLOGY	
LICCIARDELLO, JOHN D.	2,845,801	MALENKOVIC, PETER	2,915,162	LICENSING, LLC	2,798,138
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LM WIND POWER A/S	2,764,789	INTERNATIONAL, INC.	2,764,505	LICENSING, LLC	2,837,480
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SIEMENS INDUSTRY, INC.	2,941,623	SUGANO, TAKESHI	2,972,294	THE AUSTRALIAN NATIONAL	2,875,708
SIGA TECHNOLOGIES, INC.	2,807,528	SUGIO, TOSHIYASU	2,993,769	UNIVERSITY	2,770,256
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FALAK, IGOR	3,010,950	HETTIARACHCHI, RANDULA	3,010,965	KUO, YEN-CHIH 2,970,892
FATHEREE, PAUL R.	2,997,772	HIGGINS, DANNY	3,010,965	KURNIAWAN, ALBERT 2,997,852
FEENEY, GREG	2,997,802	HILTON, DERRICK ERNEST	2,997,732	KUYKENDALL, JEFFREY 2,997,880
FENG, YAN	2,997,437	HOFFMAN, THOMAS J.	2,993,679	LADOUCEUR, SEBASTIEN 2,960,489
FOREST, JEAN-JACQUES	2,991,968	HOGAN, BRIAN JOSEPH	2,997,979	LAVERTU, CARL 3,010,965
FOREVER FOUNDATIONS & FRAME, LLC	2,960,538	HONEYWELL INTERNATIONAL INC.	2,994,452	LEARDI, STEVEN 2,998,049
FORMAN, GARY	2,998,015	HORTICULTURAL SOLUTIONS LTD.	2,998,089	LEE, CHIA-YING 2,998,065
FRANGEUL, XAVIER	2,997,485	HRUSCHAK, MILTON	2,977,964	LEE, CHUN-HAO 2,970,892
FRECHETTE, JOEL	2,960,489	HUANG, LIEN-HSI	2,991,185	LEE, DAVID SCOTT 2,968,721
FROCK, JEFFREY L.	2,997,720	HUBBELL INCORPORATED	2,997,810	LEE, DAVID SCOTT 2,968,738
GAMAGE, SILUNI	2,998,161	HUGHES, STEVEN	2,965,458	LEE, DAVID SCOTT 2,968,766
GAMBLE, KELLY D.	2,975,036	HULET, CRAIG ALLAN	2,960,665	LEE, DAVID SCOTT 2,968,768
GAMBLE, KELLY D.	2,975,040	HUNTER DOUGLAS INC.	2,997,326	LEE, DAVID SCOTT 2,968,774
GARCIA, CARL ALLEN P.	2,960,568	HURLEY, THOMAS JOSEPH	2,996,920	LEE, TE-SHOU 2,970,892
GARCIA, DEVIN	2,997,887	HUTTO, SHANE	2,998,089	LEE, WEN-CHIEH 2,991,185
GARCIA, MARCO	2,961,226	HYDRO-QUEBEC	2,960,489	LEIGH TECHNOLOGIES INC. 2,960,708
GARDNER DENVER PETROLEUM PUMPS, LLC	2,998,083	ILLINOIS TOOL WORKS INC.	2,997,720	LENNOX INDUSTRIES INC. 2,997,767
GARRETT, MICHAEL	2,997,802	INLITEN, L.L.C.	2,997,802	LEPAGE, FRANCIS 2,997,437
GAY, BRIAN	3,005,264	INTERROLL HOLDING AG	2,997,485	LERTWIRIYAPITI, BENJAMAPORN 3,010,965
GEERTSEN, CHRISTIAN	2,994,084	ITP SA	2,994,084	LERY, BENOIT 3,010,965
GENENBACHER, JORDAN ANTHONY	2,998,083	IVANOFF, ENDA	2,995,622	LES SACS BAKU INC. 2,960,478
GENERAL ELECTRIC COMPANY	2,995,864	J. & M. MANUFACTURING CO., INC.	2,991,609	LEUNG, HO-WING EDMUND 2,992,684
GENERAL ELECTRIC COMPANY	2,996,920	JACOB, SUJAY ELIPHAZ	2,995,929	LEVINSON, YARON 2,997,849
		JADHAV, CHARUDATTA	3,011,151	LIANG, WEI LONG 2,970,892
		JAIN, ABHISHEK	2,994,452	LIEFKE, NORMAN WILLIAM 2,961,055
		JAIN, KAPILA	2,992,684	LIESS, MARTIN 2,997,438
				LIESS, MARTIN 2,997,740
				LIFTWERX HOLDINGS INC. 2,997,876

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LOGAN, JUSTIN CHRISTOPHER	2,997,725	PRIYATAM VENKATA	2,997,860	SIMMS, RICHARD K.	2,996,558
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LORIMER, CAROL B.	2,960,358	PAN, DANHONG	2,995,877	SIMMS, RICHARD K.	2,996,598
LORIMER, WILLIAM R.	2,960,358	PANDYA, ASUTOSH	2,960,501	SIMMS, RICHARD K.	2,996,602
LUBERTO, MICHAEL D.	2,998,015	PARK, CARL	2,998,008	SIMON FRASER UNIVERSITY	2,998,012
LUO, JING	2,982,795	PARRA, CRYSTAL Y.	2,995,877	SINGH, KARAMJIT	2,997,888
LUO, YONGYING	2,982,795	PASAM, VIJAYA KUMAR	2,965,458	SITNIK, SPENCER	2,997,976
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M.K. HOLDINGS LTD.	2,960,639	PATEL, JAYANTILAL	2,996,920	SKOLOZDRA, STEPHEN A.	2,997,765
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MACFARLANE, IAN A.	2,991,968	PATTERSON, MARK ANDREW	2,998,049	SMITH, TODD D.	2,996,557
MACGILLIVARY, KENNETH	3,005,264	PAYNTER, ADAM ROY	2,998,049	SMITH, TODD D.	2,996,558
MACKELVIE, WINSTON	2,960,577	PEIRO, ANDREA	2,960,610	SMITH, TODD D.	2,996,592
MACLEAN, IAN	3,005,264	PEREZ CABALLERO, MARIA	2,992,684	SMITH, TODD D.	2,996,598
MACNEILL, LAURIE	3,006,716	GUADALUPE	2,960,478	SPECTRA-VISUEL INC.	2,961,025
MAGNA SEATING INC.	2,997,860	PHUTTHAVONG, PATRICIA	2,998,026	SPHYNX COLLECTION, LLC	2,998,028
MAHONEY, JEFF	2,960,258	PICHE-ROUILLARD, SIDNEY	2,998,026	STANKOVIC, IGOR	2,997,740
MAKKI, NOAMAN	2,965,458	PICOMOLE INC.	3,010,950	STEEN RESEARCH, LLC	2,997,487
MANSHOORY, LEILA KASHANI	2,998,028	PIONEER HI-BRED	2,997,879	STEPHENSON	
MATTURRO, PAUL	2,960,720	INTERNATIONAL, INC.	2,965,124	TECHNOLOGIES INC.	2,971,777
MCCAIG, RHYS	2,998,049	PLAINER, MANUEL	2,960,506	STEPHENSON, ROBERT	2,971,777
MCCLINCHEY, SCOTT	3,010,950	POLOFSKY, JEFFREY A.	2,960,563	SUGAR, MICHAEL A.	2,997,802
MCCLURE, DONALD BRUCE	2,968,583	POLYCONCEPT NORTH	2,997,767	SULLIVAN, STEVEN D. E.	2,997,772
MCCLURE, DONALD BRUCE	2,968,728	AMERICA, INC.	2,991,968	SUTHAR, OM J.	2,983,715
MCCLURE, DONALD BRUCE	2,968,738	POPTIA, ZAHEED	2,991,968	SUZHOU UNI-SOLUTION	
MCCLURE, DONALD BRUCE	2,968,766	POST, CHARLES	2,991,968	IMPORT AND EXPORT	
MCCLURE, DONALD BRUCE	2,968,769	POULIN, MARTIN	2,992,684	CO., LTD.	2,960,475
MCCLURE, DONALD BRUCE	2,968,774	POWERS, SEAN	2,991,963	SUZHOU UNI-SOLUTION	
MCCORMICK, KEITH ALAN	2,992,342	PRATT & WHITNEY CANADA	2,991,963	IMPORT AND EXPORT	
MCDONALD-ROGERS, CHRISTOPHER W.G.	3,011,036	CORP.	2,991,968	CO., LTD.	2,986,185
MCLEAN, KRISTINE R.	2,960,356	PRATT & WHITNEY CANADA	2,992,684	SWENSON, ARNE	2,961,219
MELNICHUK, LARRY J.	3,000,255	CORP.	2,960,356	SYNGENTA PARTICIPATIONS	2,965,774
MEMIC INNOVATIVE SURGERY LTD.	2,997,849	PRATT & WHITNEY CANADA	2,998,026	AG	2,965,778
MESTHA, LALIT KESHAV	2,995,864	CORP.	2,998,026	SYNGENTA PARTICIPATIONS	
MICAREO TAIWAN CO., LTD.	2,998,065	RALL, MICHAEL	2,998,049	AG	2,968,583
MIN, SUNGWOO	2,997,467	REHRIG PACIFIC COMPANY	3,005,264	SYNGENTA PARTICIPATIONS	
MOHANTY, KAMINI KANTA	2,994,452	REPASKY, JOHN MICHAEL	2,998,008	AG	2,968,721
MOLLIN, WINFRIED	2,997,438	RIBE COSTA, ALBERT	2,996,924	SYNGENTA PARTICIPATIONS	
MOND, JAMES	2,998,067	RIVAS, MICHEL	2,998,049	AG	2,968,728
MOON, BYUNG	2,960,263	RODGERS, CHASE T.	2,997,880	AG	
MORROW, NICKOLAS J.	2,997,826	RODGERS, DENNIS L.	2,960,538	SYNGENTA PARTICIPATIONS	
MUELLER, ERIK	2,995,929	ROLLS-ROYCE	2,960,538	AG	2,968,738
NABORS DRILLING TECHNOLOGIES USA, INC.	2,996,150	CORPORATION	2,992,342	SYNGENTA PARTICIPATIONS	
NAVARIFAR, MATEN MATHEW	2,995,877	ROSAL, ARIES M.	2,960,648	AG	2,968,766
NEATFREAK GROUP INC.	2,997,437	ROWNTREE, BRYAN	2,993,679	SYNGENTA PARTICIPATIONS	
NELSON, TODD MICHAEL	2,997,326	RUARK, GRAHAM	2,997,438	AG	2,968,768
NIKOLOVSKI, JANETA	2,997,887	SALM, ROLAND	2,997,743	SYNGENTA PARTICIPATIONS	
NOBLE, LINDEN	2,962,063	SCHIFFNER, BYRAN JEREMY	2,997,326	AG	2,968,769
NOVA CHEMICALS CORPORATION	2,960,665	SCHLUTER, WERNER	2,995,888	SYNGENTA PARTICIPATIONS	
NUNN, ZACHARY RAYMOND	2,998,012	SCHMIDT, GREGORY	2,960,489	AG	2,968,774
OGALE, AMOL	2,993,985	SCHMIDT, HOLGER	2,997,979	TAIWAN FU HSING INDUSTRIAL CO., LTD.	2,991,185
OZERI, ELLA	2,998,013	SEFF, PAUL	2,997,880	TARDIF, MARC	2,992,684
PABLO CURTO, MARCOS	2,998,124	SHARIF, AMIR	2,960,482	TATA CONSULTANCY	
		SHAW, DAVID	2,961,086	SERVICES LIMITED	2,997,888
		SHROFF, GAUTAM	2,997,888	TATA CONSULTANCY	
		SIECKOWSKI, PHILIP	2,998,133	SERVICES LIMITED	3,011,151
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THE BOEING COMPANY	2,996,592	ZHANG, LEI	2,965,124
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THOMPSON, DENNIS GEORGE	2,991,850	ZILBERMAN, ISRAEL	2,998,013
THOMPSON, DENNIS GEORGE	2,991,891	ZIMMERMAN, CRAIG	2,998,048
THORNE, IAN BRADLEY	2,997,326	ZIMMERMAN, CRAIG	2,998,051
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TOWNLEY, FRASER	2,975,036	ZOLLER, GREGORY W.	2,995,929
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TRESE, MICHAEL T.	2,960,501		
TRICAN WELL SERVICE LTD.	2,998,084		
TSENG, JU-YU	2,998,065		
U-HAUL INTERNATIONAL, INC.	2,961,226		
UNKNOWN	2,960,482		
VAN DER SLEEN, ROELOF	2,997,433		
VAN ORDEN, LORI JEAN	2,997,772		
VANHOUTIN, LOUIS ANTHONY	2,965,321		
VAUGHAN COMPANY, INC.	2,961,219		
VEEDER, JACOB	2,993,679		
VISHNUBHATT, PADDY	2,998,049		
VOS, REMKO	2,998,049		
WANG, SHIN-HANG	2,998,065		
WARMOUTH, CORTNEY	2,965,321		
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,997,438		
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,997,740		
WEBER, ANDREAS	2,997,879		
WEERATUNGA, GAMIMI	2,960,473		
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WEG EQUIPAMENTOS ELETRICOS S.A.	2,997,875		
WEPNER, AARON	2,993,679		
WHITE, MATTHEW	2,996,150		
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WIELAND ELECTRIC GMBH	2,965,458		
WIKE, PAUL STEVEN	2,995,813		
WIKIPAD, INC.	2,975,036		
WIKIPAD, INC.	2,975,040		
WILLIAMS, STUART	2,997,467		
WILSON, JACKSON	2,997,802		
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WU, LI-FAN	2,998,065		
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YAN, WEIZHONG	2,995,864		
YIFAN, ZHOU	2,998,133		
YONTZ, PHILLIP T.	2,965,124		
YU, FRANK S.	2,995,091		
ZAGHIB, KARIM	2,960,489		
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9318704 CANADA INC.	3,017,024	ALONSO, ROBERT	3,016,465	ATLANTIC CANCER RESEARCH INSTITUTE	3,017,029
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ACCLARENT, INC.	3,016,696	AMIBLU TECHNOLOGY AS	3,016,857	BABISH, JOHN G.	3,016,892
ACTINIUM PHARMACEUTICALS, INC.	3,016,901	AMICK, PHILIP RODNEY	3,016,593	BABU, YARLAGADDA S.	3,016,588
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ADVANCED ORTHODONTICS AND EDUCATION ASSOCIATION, LLC	3,016,536	ANASTASIADIS, JOHN	3,016,696	BAER, DANIEL	3,016,634
AFFERENT PHARMACEUTICALS INC.	3,016,773	ANDERSON, AUSTIN DANIEL	3,016,559	BAILEY, JOHN DANIEL	3,016,708
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AHMED, MUSHEER	3,016,667	ANDOR, RONALD	3,016,511	BAKER HUGHES, A GE COMPANY, LLC	
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AIRSPACE SYSTEMS INC.	3,016,762	ANG, PETER PUI LOK	3,016,613	BAKER HUGHES, A GE COMPANY, LLC	
AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH	3,016,961	ANNA, SOMMAZZI	3,016,659	BAKER HUGHES, A GE COMPANY, LLC	3,016,882
AKZO NOBEL CHEMICALS INTERNATIONAL B.V.	3,016,794	ANTONELLO, PAOLO	3,016,946	BAKER, JOSEPH JAMES	3,016,960
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		ASCHIERI, GIOVANNI	3,016,979	BASU MALICK, PRATEEK	3,016,848
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		ASKEM, BEN ALAN	3,016,618	ALLIANCE, LLC	3,016,537
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BENEDEK, ANDREW	3,016,936	BOTTINE, PHILIPPE	3,016,959	CAMBIVUM NETWORKS LTD	3,017,060
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MURCIA, MICHAEL	3,016,920	NUOVO PIGNONE	3,016,865	OZERDIM, CAGLAR	3,016,709
MURUGESAN, SANKARAN	3,016,882	NUOVO PIGNONE	3,016,672	PAGOULATOS, NIKOLAOS	3,016,903
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