

# VT SANIDAD ANIMAL

# 12

## Vigilancia Tecnológica

4º trimestre 2013



El Boletín de Vigilancia Tecnológica en Sanidad Animal es el resultado del trabajo conjunto de la Oficina Española de Patentes y Marcas (OEPM) y la Plataforma Tecnológica Española de Sanidad Animal (Vet+i), quienes han aunado esfuerzos para ofrecer a los adheridos de Vet+i y a cualquier interesado en sanidad animal, una información puntual, esquemática y de rápida lectura sobre las últimas patentes publicadas en este campo.

Este duodécimo número recoge una selección de las solicitudes de patentes publicadas a nivel internacional durante el cuarto trimestre de 2013 en el ámbito de la sanidad animal, las cuales aparecen distribuidas según la especie animal de aplicación de las mismas. Asimismo, incluye un capítulo que recoge solicitudes de patentes sobre tecnologías de aplicación

general y contiene un apartado de enlaces a [noticias](#) de interés en materia de propiedad industrial, así como sobre las actividades de la Plataforma.

El boletín, que tiene una periodicidad trimestral, se enmarca dentro del convenio de colaboración suscrito por ambas organizaciones para facilitar, impulsar y estimular el conocimiento y la utilización de los derechos de Propiedad Industrial por parte de las organizaciones y empresas adheridas a la Plataforma Vet+i.

Se puede acceder al listado de solicitudes de patentes para cada grupo pulsando sobre las imágenes que aparecen a continuación.

## Contenido



Bovino



Ovino y Caprino



Porcino



Avicultura



Acuicultura



Apicultura



Équidos



Mascotas



Varios



| Nº de publicación            | Solicitante  | País de origen     | Contenido Técnico  |
|------------------------------|--|--------------------|--|
| CN 102716213 A<br>20121010   | Sichuan Jinruike Animal Pharmaceutical Co Ltd                      | China              | Coptis and radix sophorae flavescens anti-dysenteric particle as well as preparation method and application of coptis and radix sophorae flavescens anti-dysenteric particle                                     |
| RU 2012108027 A<br>20130910  | All-russian experimental veterinary sci                            | Russian Federation | Method for preparing antigen for serum diagnosis of small cattle anaplasmosis  |
| RU 2490008 C1<br>20130820    | Belgo Belgorod agric acad  | Russian Federation | Disinfectant   |
| RU 2491921 C1<br>20130910    | Etris experimental-techn co ltd                                    | Russian Federation | Method of treating mastitis in non-lactating cows.   |
| RU 2494749 C1<br>20131010    | Nonblack soil veterinary res inst                                  | Russian Federation | Method of preventing respiratory diseases in calves  |
| RU 2011151902 A<br>20130627  | (Sifa-r) sibe & far east experimental veterinary                   | Russian Federation | Pharmaceutical preparation useful for treating mastitis in cattle comprises antimicrobial agent in water-alcohol solution comprising belladonna, sulfur, apis mellifica, conium, phytolacca, silicea, and nosode |
| TW 201319250 A<br>20130516   | Chu Chun-Yen   | Taiwan             | Use of staphylococcus aureus clumping factor A recombinant proteins in animal vaccines and adjuvants   |
| US 2013287754 A1<br>20131031 | (Naid-i) naidu a g s<br>(naid-i) naidu a g t<br>(naid-i) naidu a s | USA                | Antimicrobial angiogenin complexes (angex) and uses thereof  |
| CN 102952173 A<br>20130306   | Gao Zaixing  | China              | Preparation method of new polypeptide with tissue protection activity and application in treatment of bovine mastitis  |

| Nº de publicación           | Solicitante   | País de origen     | Contenido Técnico   |
|-----------------------------|---|--------------------|---|
| RU 2491069 C1<br>20130827   | (Etri-r) etris experimental technolog fa co ltd   | Russian Federation | Preparation for treating mastitis in lactation cows   |
|                             | (Uyor-r) univ orel agric  |                    |   |
| RU 2491091 C1<br>20130827   | (Allr-r) all russian animals brucellosis & tuber, (asim-r) as sibe med brucellosis tuberculosis res | Russian Federation | Method for prevention of cattle brucellosis   |
| BR PI1103394 A2<br>20130723 | Fundação de Amparo a Pesquisa do Estado de Minas Geais FAPEMIG                                      | Brazil             | Composições domissanean-tes Á base de àleo de ma-caéba e extratos de salvinia auriculata e seus derivados com aÇço terapÊutica e seu uso para prevenÇço e/ou controle de mastite bovina |
|                             | Universidade Federal de Viçosa  |                    |   |
|                             | Universidade Federal de Minas Gerais  |                    |   |
| CN 103006628 A<br>20130403  | Liu Zongshan  | China              | Application of formaldehyde in preparation of injection for treating animal and human infectious disease  |
| CN 103006792 A<br>20130403  | (beij-n) beijing dabe<br>agric sci&technology gro   | China              | Veterinary drug for preven-ting livestock bowel disea-ses, preparation method of drug, and feed   |
|                             | (beij-n) beijing dabeinong animal health sci tech   |                    |   |
|                             | (shao-n) shaoshan dabe<br>agric animal medicine co  |                    |   |
| CN 103014043 A<br>20130403  | (Naco-n) nat controlinst veterinary bioproducts p   | China              | Safe carrier for seed viruses of inactivated vaccine for foot-and-mouth disease and application thereof   |
| CN 103041381 A<br>20130417  | (Jian-n) jiangsu agric sci inst   | China              | Recombinant inhibin vaccine and preparation method and application of recombinant inhibin vaccine   |
| CN 103060222 A<br>20130424  | (Feed-n) feed res inst chinese acad agric sci   | China              | Bacillus subtilis B27 with probiotic effect and applica-tion thereof  |
| CN 103083393 A<br>20130508  | (Shan-n) shanxi hua-<br>cheng ruiguang biological tech  | China              | Disinfect and sterile spray for preventing bouine masti-tis and preparation method of spray   |
| CN 103083396 A<br>20130508  | (Qing-n) qingdao kang-<br>dien pharm co ltd   | China              | Formula and preparation method of traditional chi-nese medicine granule for prevention and treatment of cow subclinical mastitis  |

| Nº de publicación                         | Solicitante                                      | País de origen     | Contenido Técnico  |
|---|--|--------------------|--|
| <a href="#">KR 20130081989 A 20130718</a> | Univ Konkuk Ind Coop Corp                        | South Korea        | A use of the peptide, coprisin isolated from copris tripartitus larvae and as antibacterial and antiinflammatory agent               |
| <a href="#">US 2013266607 A1 20131010</a> | Tinker Juliette                                  | USA                | Cholera toxin chimera and its use as a staph vaccine   |
| <a href="#">US 2013288893 A1 20131031</a> | Dow Agrosiences Llc                              | USA                | Pesticidal compositions and processes related thereto  |
| <a href="#">WO 2013153450 A2 20131017</a> | Purapharm Company Ltd, Versitech Ltd             | China              | Coriolus versicolor extracts, methods of isolating biologically-active compounds, and uses thereof                                   |
| <a href="#">CN 103006671 A 20130403</a>   | Qilu Animal Health Products Co Ltd               | China              | Application of vitamin d3 in preparation of medicine for preventing dairy cow mastitis   |
| <a href="#">CN 103006672 A 20130403</a>   | Qilu Animal Health Products Co Ltd               | China              | Vitamin-d3-contained filling agent for preventing dairy cow mastitis and preparation method of filling agent                         |
| <a href="#">CN 103027936 A 20130410</a>   | Tang Maoyang                                     | China              | Pharmaceutical composition for treating pig and bovine mastitis  |
| <a href="#">CN 103083397 A 20130508</a>   | Qingdao Continent Pharmaceutical Co Ltd          | China              | Formula and preparation method of traditional Chinese medicinal oral liquid for prevention and treatment of cow subclinical mastitis |
| <a href="#">CN 103110649 A 20130522</a>   | Qingdao Kdn Pharmaceutical Co Ltd                | China              | Veterinary drug for treating diseases caused by bacteria and mycoplasma infection  |
| <a href="#">BR PI1103869 A2 20130730</a>  | Bio Pronto Ind E Com De Produtos Biolog Ltda Epp | Brazil             | Leptospirosis laboratory diagnostic medium and vaccine against animal leptospirosis  |
| <a href="#">CN 103083234 A 20130508</a>   | Qingdao Continent Pharmaceutical Co Ltd          | China              | Ponazuril suspension   |
| <a href="#">JP 2013223481 A 20131031</a>  | Meiji shiryo kk                                  | Japan              | Milk-quality improving agent of livestock for foodstuff and cosmetics comprises trehalose as active ingredient                       |
| <a href="#">KR 20130074784 A 20130704</a> | Univ Konkuk Ind Coop Corp                        | South Korea        | Asarum sieboldii extract having anti-bacterial activity and anti-bacterial composition comprising same                               |
| <a href="#">RU 2488631 C1 20130727</a>    | Univ peoples's friendship                        | Russian Federation | Cell line of calf kidney bos taurus rbt (rene bos taurus) for reproduction of animal viruses   |

| Nº de publicación  | Solicitante                                     | País de origen     | Contenido Técnico   |
|--|---|--------------------|---|
| <a href="#">CN 103007022 A</a><br><a href="#">20130403</a>   | Qingdao Lyuman Biolog Engineering Co Ltd        | China              | Compound propolis composition for treating mastitis of dairy cows and preparation method of composition                                 |
| <a href="#">CN 103083390 A</a><br><a href="#">20130508</a>   | Tianjin Shengji Group Co Ltd                    | China              | Compound traditional chinese medicine perfusion used for treating bovine mastitis, and preparation method thereof                       |
| <a href="#">CN 103099846 A</a><br><a href="#">20130515</a>   | Qingdao Continent Pharmaceutical Co Ltd         | China              | Poultry and livestock drug  |
| <a href="#">CN 103110682 A</a><br><a href="#">20130522</a>   | Li Hongmei                                      | China              | Research on treatment of cow mastitis through traditional chinese medicine  |
| <a href="#">RU 2488117 C2</a><br><a href="#">20130720</a>    | (uyly ) Univ peoples's friendship               | Russian Federation | Immunoenzymometric test system for serologic diagnosis of reovirus infection in cattle and monitoring of                                |
|  | (toxi-r) Toxicological radioactive & biological |                    |   |
| <a href="#">US 2013236482 A1</a><br><a href="#">20130912</a> | Omnigen Res L L C                               | USA                | Augmentation of titer for vaccination in animals  |
| <a href="#">US 2013309273 A1</a><br><a href="#">20131121</a> | Hassett Kimberly                                | USA                | Thermostable vaccine compositions and methods of preparing same   |
|  | Nandi Pradyot                                   |                    |   |
|  | Brey Robert                                     |                    |   |
|  | Carpenter John                                  |                    |   |
|  | Randolph Theodore W                             |                    |   |
| <a href="#">WO 2013154778 A1</a><br><a href="#">20131017</a> | Dana Farber Cancer Inst Inc                     | USA                | Host targeted inhibitors of dengue virus and other viruse   |
|  | Harvard College                                 |                    |   |
| <a href="#">CN 103127157 A</a><br><a href="#">20130605</a>   | Dingzheng Animal Pharmaceutical Tianjin Co Ltd  | China              | Medicament for curing upper respiratory tract diseases of poultry and livestock and preparation method thereof                          |
| <a href="#">CN 103183728 A</a><br><a href="#">20130703</a>   | China Animal Husbandry Group                    | China              | Polypeptide used for preparing o type peptide vaccine of cattle foot-and-mouth disease and preparation methods and applications thereof |
| <a href="#">CN 103184235 A</a><br><a href="#">20130703</a>   | Univ Guangxi                                    | China              | Multiple anti-fmd shrna tandem expression vector as well as construction method and application thereof                                 |

| Nº de publicación            | Solicitante                                      | País de origen | Contenido Técnico   |
|------------------------------|--|----------------|---|
| US 2013315947 A1<br>20131128 | Guerrero Jr Felicito                             | USA            | Vaccination of animals to elicit a protective immune response against tick infestations and tick-borne  |
|                              | Perez De Leon Adalberto A                        |                |   |
|                              | Us sec of agric                                  |                |   |
| WO 2013153394<br>A1 20131017 | Redx Pharma Ltd                                  | United Kingdom | Quinolonones with antibacterial properties  |
| WO 2013164334<br>A1 20131107 | Univ Gent  | Belgium        | Escherichia coli vaccine  |
| WO 2013134061<br>A1 20130912 | Zoetis Llc                                       | USA            | Phenicol antibacterials   |
| WO 2013153532<br>A1 20131017 | Univ Saskatchewan                                | Canada         | Phthalocyanine compounds useful as reca inhibitors and methods of using same  |
| CN 103169757 A<br>20130626   | Beijing Vica Group Co Ltd                        | China          | Medicine for treating mastitis in dairy cattle  |
|                              | Shenyang Vica Animal Husbandry Technology Co Ltd |                |   |
|                              | Univ Hunan Agricultural                          |                |   |
| CN 103202909 A<br>20130717   | Chen Pengju                                      | China          | Traditional chinese medicine feed additive for preventing and curing diarrhea of livestock and poultry as well as fur-bearing animals           |
| CN 103230366 A<br>20130807   | China Animal Husbandry Group                     | China          | Novel slow-release breast perfusion agent for preventing cow subclinical mastitis and preparation method  |
|                              | China Animal Husbandry Industry Co Ltd           |                |   |
| WO 2013138670<br>A1 20130919 | Icahn School Of Medicine At Mount Sinai          | USA            | Yellow fever virus ns5 mutants as flavivirus vaccine candidates   |
| CN 103146651 A<br>20130612   | Jilin Entry Exit Inspection And Quarantine       | China          | Test strip capable of testing infectious bovine rhinotracheitis virus (ibrv) by monoclonal antibody mediated nano gold spot infiltration method |
| CN 103160555 A<br>20130619   | Wuhan Chopper Biology Co Ltd                     | China          | Culture medium, culture method and application of high-yield exotoxin of clostridium perfringens  |
| FR 2990208 A1<br>20131108    | Centre Nat Rech Scient                           | France         | New substituted imidazole compounds are Hepatitis C   |
|                              | Univ Nice-Sophia Antipolis                       |                |   |
| WO 2013148791<br>A1 20131003 | Inst Hepatitis And Virus Res                     | USA            | Novel alkylated imino sugars exhibiting glucosidase inhibition and their method of use  |

| Nº de publicación              | Solicitante   | País de origen     | Contenido Técnico   |
|--------------------------------|---|--------------------|---|
| WO 2013151706<br>A2 20131010   | Univ Cornell  | USA                | Subunit vaccine delivery platform for robust humoral and cellular immune responses  |
| WO 2013155334<br>A1 20131017   | Stealth Peptides International Inc  | Monaco             | Aromatic-cationic peptides and uses of same   |
| CN 103169817 A<br>20130626     | Beijing Vica Group Co Ltd   | China              | external medicine for treating mastitis in dairy cattle   |
|                                | Shenyang Vica Animal Husbandry Technology Co Ltd  |                    |   |
|                                | Univ Hunan Agricultural animal Pharm co Ltd   |                    |   |
| WO 2013133713<br>A1 20130912   | Friesland Brands Bv   | Netherlands        | Animal feed composition containing encapsulated glucono delta-lactone   |
| WO 2013156858<br>A1 20131024   | Purapharm Company Ltd   | China              | Materials and methods for prevention and treatment of   |
|                                | Versitech Ltd   |                    |   |
| DE 102012103405<br>A1 20131024 | Heinrich Pette Inst   | Germany            | New disubstituted heteroaryl compound useful for  |
|                                | Univ Hamburg  |                    |   |
| US 2013281871 A1<br>20131024   | Professional Beef Services Llc  | USA                | System and method for classifying the respiratory health status of an animal  |
| WO 2013132428<br>A1 20130912   | Bignotti Andrea   | Italy              | Therapeutic preparation and process for preparing said  |
|                                | Turelli Chiara  |                    |   |
| US 2013261442 A1<br>20131003   | Univ Nat Yang Ming  | USA                | Methods and system for ultrasound-mediated drug delivery  |
| CN 103191300 A<br>20130710     | Shandong Newhope Liuhe Group Co LTD   | China              | External preparation of traditional chinese medicine composition with immune function for treating dairy cow mastitis   |
| WO 2013129944<br>A1 20130906   | Bayer New Zealand Ltd   | New Zealand        | Controlled release compositions and their methods of use  |
| WO 2013125936<br>A2 20130829   | Ct De Investigacion Cientifica Y De Educacion Superior De Ensenada Baja California Cicese | Mexico             | Diagnostic test for infectious diseases in cattle   |
| RU 2493871 C1<br>20130927      | Caspian arid farming res inst   | Russian Federation | Method for preparing antibody erythrocyte diagnosticum for indirect hemagglutination test (iht) for purposes of brucella indication in pathologic material  |
| JP 2013173702 A<br>20130905    | Sumitomo Chem Co Ltd  | Japan              | Agent comprises hydrazide compound useful for controlling ectoparasite, insect-pest and mites e.g. Pulex irritans, Xenopsylla cheopis and Cimex lectularius in animal including livestock and pet |

| Nº de publicación  | Solicitante                          | País de origen | Contenido Técnico  |
|--|--------------------------------------|----------------|--|
| <a href="#">KR 20130046896 A</a><br><a href="#">20130508</a> | Daesang Fnf Corpd                    | South Korea    | Lactobacillus plantarum dsr920 having effect of treatment and prevention of metabolic or inflammatory diseases   |
| <a href="#">CN 103044546 A</a><br><a href="#">20130417</a>   | Shanghai Transgenics Res Ct          | China          | Prion protein antibody as well as preparation method and application thereof   |
|  | Shanghai Genon Bioengineering Co Ltd |                |  |
| <a href="#">WO 2013166177</a><br><a href="#">A2 20131107</a> | Chromadex Inc                        | USA            | Pterostilbene and curcumin combination for treatment of oxidative stress and inflammation  |
| <a href="#">WO 2013154080</a><br><a href="#">A1 20131017</a> | Nipon Soda Co                        | Japan          | Aryloxyurea compound and pest control agent  |
| <a href="#">WO 2013158262</a><br><a href="#">A1 20131024</a> | Mars Inc                             | USA            | Ring constrained analogs as arginase inhibitors  |
| <a href="#">WO 2013115391</a><br><a href="#">A1 20130808</a> | Nihon Nohyaku Co Lt                  | Japan          | Arylalkyloxy pyrimidine derivative, pesticide for agricultural and horticultural use containing arylalkyloxy pyrimidine derivative as active ingredient, and use of same |
| <a href="#">WO 2013125543</a><br><a href="#">A1 20130829</a> | Takeda Pharmaceutical Co ltd         | Japan          | Heterocyclic Compound  |
| <a href="#">CN 103083663 A</a><br><a href="#">20130508</a>   | Jiangsu acad agricultural sci        | China          | Immunity enhancing agent, inactivated vaccine, and preparation method thereof  |
| <a href="#">WO 2013142159</a><br><a href="#">A1 20130926</a> | Alios biopharma inc                  | USA            | Pharmaceutical combinations comprising a thionu-   |
|  | Vertex pharma                        |                |  |
| <a href="#">US 2013309325 A1</a><br><a href="#">20131121</a> | Vital animal health llc              | USA            | Composition and method for promoting joint and bone  |
|  | Crook brian a                        |                |  |
| <a href="#">WO 2013167743</a><br><a href="#">A1 20131114</a> | Akron molecules gmbh                 | Austria        | Use of compounds for the treatment of pain   |





# VT Ovino y Caprino



| Nº de publicación            | Solicitante  | País de origen          | Contenido Técnico  |
|------------------------------|--|-------------------------|--|
| CN 103160555 A<br>20130619   | Wuhan Chopper Biology Co Ltd                         | China                   | Culture medium, culture method and application of high-yield exotoxin of clostridium perfringens   |
| US 2013287754 A1<br>20131031 | (Naid-i) naidu a g s                                 | USA                     | Antimicrobial angiogenin complexes (angex) and uses thereof  |
|                              | (naid-i) naidu a g t                                 |                         |  |
|                              | (naid-i) naidu a s                                   |                         |  |
| RU 2012101543 A<br>20130727  | As russia agric sci veteri-<br>nary inst             | Russian Federa-<br>tion | Obtaining erythrocytic oxic diagnosticum anti-<br>body for reacting indirect hemagglutination (RNGA) comprises using prepara-<br>tion of formalin-treated erythrocytes of goat with subsequent sensitization<br>by positive oxic serum |
| RU 2490008 C1<br>20130820    | Belgo Belgorod agric acad                            | Russian Federa-<br>tion | Disinfectant   |
| CN 103110649 A<br>20130522   | Qingdao Kdn Pharmaceu-<br>tical Co Ltd               | China                   | Veterinary drug for treat-<br>ing diseases caused by bacteria and mycoplasma infection   |
| RU 2493871 C1<br>20130927    | Caspian arid farming res<br>inst                     | Russian Federa-<br>tion | Method for preparing antibody erythrocyte diagnosticum for indirect hemagglutination test (iht) for purposes of brucella indication in pathologic material   |
| CN 103006792 A<br>20130403   | (beij-n) beijing dabeai agric<br>sci&technology gro  | China                   | Veterinary drug for preven-<br>ting livestock bowel disea-<br>ses, preparation method of<br>drug, and feed   |
|                              | (beij-n) beijing dabeinong<br>animal health sci tech |                         |  |
|                              | (shao-n) shaoshan dabeai<br>agric animal medicine co |                         |  |

| Nº de publicación  | Solicitante   | País de origen | Contenido Técnico   |
|--|---|----------------|---|
| <a href="#">CN 103041381 A</a><br><a href="#">20130417</a>   | (Jian-n) jiangsu agric sci inst                                     | China          | Recombinant inhibin vaccine and preparation method and application of recombinant inhibin vaccine   |
| <a href="#">CN 103060222 A</a><br><a href="#">20130424</a>   | (Feed-n) feed res inst chinese acad agric sci                       | China          | Bacillus subtilis B27 with probiotic effect and application thereof   |
| <a href="#">JP 2013173702 A</a><br><a href="#">20130905</a>  | Sumitomo Chem Co Ltd  | Japan          | Agent comprises hydrazide compound useful for controlling ectoparasite, insect-pest and mites e.g. Pulex irritans, Xenopsylla cheopis and Cimex lectularius in animal including livestock and pet |
| <a href="#">KR 20130081989 A</a><br><a href="#">20130718</a> | Univ Konkuk Ind Coop Corp   | South Korea    | A use of the peptide, coprisin isolated from copris tripartitus larvae and as antibacterial and anti-inflammatory agent   |
| <a href="#">US 2013288893 A1</a><br><a href="#">20131031</a> | Dow Agrosiences Llc   | USA            | Pesticidal compositions and processes related thereto   |
| <a href="#">CN 103083234 A</a><br><a href="#">20130508</a>   | Qingdao Continent Pharmaceutical Co Ltd                             | China          | Ponazuril suspension  |
| <a href="#">JP 2013223481 A</a><br><a href="#">20131031</a>  | Meiji shiryo kk   | Japan          | Milk-quality improving agent of livestock for foodstuff and cosmetics comprises trehalose as active ingredient  |
| <a href="#">KR 20130074784 A</a><br><a href="#">20130704</a> | Univ Konkuk Ind Coop Corp   | South Korea    | Asarum sieboldii extract having anti-bacterial activity and anti-bacterial composition comprising same  |
| <a href="#">CN 103044546 A</a><br><a href="#">20130417</a>   | Shanghai Transgenics Res Ct<br>Shanghai Genon Bioengineering Co Ltd | China          | Prion protein antibody as well as preparation method and application thereof  |
| <a href="#">CN 103110583 A</a><br><a href="#">20130522</a>   | Univ Southwest Nationalities  | China          | Preparation technology of mycoplasma ovipneumoniae inactivated vaccine  |

| Nº de publicación  | Solicitante                                    | País de origen | Contenido Técnico  |
|--|--|----------------|--|
| <a href="#">CN 103127157 A</a><br><a href="#">20130605</a>   | Dingzheng Animal Pharmaceutical Tianjin Co Ltd | China          | Medicament for curing upper respiratory tract diseases of poultry and livestock and preparation method thereof   |
| <a href="#">US 2013236482 A1</a><br><a href="#">20130912</a> | Omnigen Res L L C                              | USA            | Augmentation of titer for vaccination in animals   |
| <a href="#">CN 103184235 A</a><br><a href="#">20130703</a>   | Univ Guangxi                                   | China          | Multiple anti-fmd shrna tandem expression vector as well as construction method and application thereof  |
| <a href="#">WO 2013153394 A1</a><br><a href="#">20131017</a> | Redx Pharma Ltd                                | United Kingdom | Quinolonones with antibacterial properties   |
| <a href="#">WO 2013164334 A1</a><br><a href="#">20131107</a> | Univ Gent                                      | Belgium        | Escherichia coli vaccine   |
| <a href="#">WO 2013166177 A2</a><br><a href="#">20131107</a> | Chromadex Inc                                  | USA            | Pterostilbene and curcumin combination for treatment of oxidative stress and inflammation  |
| <a href="#">CN 103103196 A</a><br><a href="#">20130515</a>   | Univ Huazhong Agricultural                     | China          | Modified goat defensin gene and preparation method and application thereof   |
| <a href="#">WO 2013153532 A1</a><br><a href="#">20131017</a> | Univ Saskatchewan                              | Canada         | Phthalocyanine compounds useful as reca inhibitors and methods of using same   |
| <a href="#">WO 2013158262 A1</a><br><a href="#">20131024</a> | Mars Inc                                       | USA            | Ring constrained analogs as arginase inhibitors  |
| <a href="#">WO 2013115391 A1</a><br><a href="#">20130808</a> | Nihon Nohyaku Co Lt                            | Japan          | Arylalkyloxy pyrimidine derivative, pesticide for agricultural and horticultural use containing arylalkyloxy pyrimidine derivative as active ingredient, and use of same |
| <a href="#">WO 2013151706 A2</a><br><a href="#">20131010</a> | Univ Cornell                                   | USA            | Subunit vaccine delivery platform for robust humoral and cellular immune responses   |

| Nº de publicación              | Solicitante                             | País de origen | Contenido Técnico  |
|--------------------------------|---|----------------|--|
| CN 103127495 A<br>20130605     | Chongqing acad animal husbandry         | China          | Goat pasteurella multocida inactivated vaccine, goat filiform mycoplasma pneumonia inactivated vaccine and preparation thereof   |
| DE 102012103405<br>A1 20131024 | Heinrich Pette Inst                     | Germany        | New disubstituted heteroaryl compound useful for treating a disease consisting of viral diseases, proliferative diseases, neurodegenerative diseases, diabetes, malaria, and hiv infection |
| WO 2013125543 A1<br>20130829   | Takeda Pharmaceutical Co Ltd            | Japan          | Heterocyclic Compound  |
| WO 2013132428 A1<br>20130912   | Bignotti Andrea                         | Italy          | Therapeutic preparation and process for preparing said therapeutic preparation   |
|                                | Turelli Chiara                          |                |  |
| US 2013309273 A1<br>20131121   | Hassett Kimberly                        | USA            | Thermostable vaccine compositions and methods of preparing same  |
|                                | Nandi Pradyot                           |                |  |
|                                | Brey Robert                             |                |  |
|                                | Carpenter John<br>Randolph Theodore W   |                |  |
| CN 103202909 A<br>20130717     | Chen Pengju                             | China          | Traditional chinese medicine feed additive for preventing and curing diarrhea of livestock and poultry as well as fur-bearing animals  |
| WO 2013129944 A1<br>20130906   | Bayer New Zealand Ltd                   | New Zealand    | Controlled release compositions and their methods of use   |
| CN 103083663 A<br>20130508     | Jiangsu acad agricultural sci           | China          | Immunity enhancing agent, inactivated vaccine, and preparation method thereof  |
| WO 2013142159 A1<br>20130926   | Alios biopharma inc                     | USA            | Pharmaceutical combinations comprising a thionu-   |
|                                | Vertex pharma                           |                |  |
| CN 103211818 A<br>20130724     | Luoyang huizhong animal medicine co ltd | China          | Pharmaceutical composition for treating or preventing bacterial and mycoplasma diseases of livestock and use thereof   |
| US 2013309325 A1<br>20131121   | Vital animal health llc                 | USA            | Composition and method for promoting joint and bone health   |
|                                | Crook brian a                           |                |  |



| Nº de publicación            | Solicitante                                       | País de origen | Contenido Técnico  |
|------------------------------|---|----------------|--|
| WO 2013133713<br>A1 20130912 | Friesland brands bv                               | Netherland     | Animal feed composition containing encapsulated glucono delta-lactone  |
| CN 102716164 A<br>20121010   | Qilu animal health products co ltd                | China          | Echinacea extract and preparation method of echinacea extract  |
| CN 102716476 A<br>20121010   | Zhengzhou houyi pharmaceutical co ltd             | China          | Cell inactivated vaccine, egg yolk antibody injection, and preparation method of cell inactivated vaccine  |
| CN 102949718 A<br>20130306   | Pulike bioengineering co ltd                      | China          | Triple live vaccine for swine transmissible gastroenteritis virus, swine epidemic diarrhea virus and swine rotavirus                                       |
| TW 201326202 A<br>20130701   | Univ nat chung hsing                              | Taiwan         | Specific monoclonal antibody CW813 against classical swine fever virus glycoprotein Erns and its application to indirect sandwich ELISA antibody detection |
| CN 102716479 A<br>20121010   | Guangdong dahuanong animal health products co ltd | China          | Pig breeding and respiratory syndrome NVDC-JXA1 strain-porcine parvovirus disease duplex inactivated vaccine and preparation                               |
|                              | China cent disease control and prevention         |                |  |
| CN 102949714 A<br>20130306   | Univ huazhong agricultural                        | China          | Swine Streptococcosis trivalent inactivated vaccine and preparation method thereof   |
|                              | Wuhan keqian animal biological products co ltd    |                |  |
| US 2013287754 A1<br>20131031 | (naid-i) Naidu a g s                              | USA            | Antimicrobial angiogenin complexes (angex) and uses thereof  |
|                              | (naid-i) naidu a g t                              |                |  |
|                              | (naid-i) naidu a s                                |                |  |

| Nº de publicación            | Solicitante   | País de origen | Contenido Técnico   |
|------------------------------|---|----------------|---|
| BR PI1103869 A2<br>20130730  | Bio pronto ind e com de<br>produtos biolog ltda epp   | Brazil         | Leptospirosis laboratory<br>diagnostic medium and vac-<br>cine against animal leptos-<br>pirosis  |
| CN 103007280 A<br>20130403   | Liaoning yikang biolog<br>corp ltd                    | China          | Piglet colibacillosis lyophil-<br>ized serum immunoglobulin<br>preparation and preparation<br>process thereof                                   |
| CN 103013895 A<br>20130403   | Univ huazhong agricultu-<br>ral                       | China          | Genetic engineering live<br>vaccine of recombinant<br>Salmonella choleraesuis and<br>Porcine epidemic diarr-                                    |
|                              | Wuhan keqian animal bio-<br>log products co ltd       |                |   |
| CN 103028114 A<br>20130410   | Univ guizhou  | China          | Nucleic acid vaccine, immu-<br>noadjuvant of nucleic acid<br>vaccine, and preparation<br>methods of nucleic acid va-<br>ccine and immunoadjuvan |
| CN 103031258 A<br>20130410   | Pulike Bioengineering co<br>ltd                       | China          | Novel mycoplasma hyp-<br>neumoniae bacterial strain<br>and vaccine composition<br>thereof   |
| CN 103041385 A<br>20130417   | Qilu animal health pro-<br>ducts co ltd               | China          | Porcine transmissible gas-<br>troenteritis and epidemic<br>diarrhea combined live<br>vaccine and preparation<br>method thereof                  |
| CN 103059122 A<br>20130424   | Jiangsu zhonghong biolo-<br>gical project             | China          | Recombined porcine interfe-<br>ron alpha 1, as well as gene<br>encoding gene and expres-<br>sion method thereof                                 |
|                              | Changzhou jing sen bio-<br>medical res inst           |                |   |
| CN 103110694 A<br>20130522   | Guangdong zijin<br>zhengtian pharmaceutical<br>co ltd | China          | Composition for widely<br>treating viral diseases and<br>application thereof  |
| KR 20130059950 A<br>20130607 | PI bio co ltd   | South<br>Korea | Novel lactobacillus sp. stra-<br>ins and their use as probio-<br>tics   |
| KR 20130074784 A<br>20130704 | Univ konkuk ind coop<br>corp                          | South<br>Korea | Asarum sieboldii extract ha-<br>ving anti-bacterial activity<br>and anti-bacterial composi-<br>tion comprising same                             |
| CN 103006628 A<br>20130403   | Liu zongshan  | China          | Application of formaldehyde<br>in preparation of injection<br>for treating animal and hu-<br>man infectious disease                             |
| CN 103006792 A<br>20130403   | (beij-n) Beijing dabe<br>agric sci&technology gro     | China          | Veterinary drug for preven-<br>ting livestock bowel disea-<br>ses, preparation method of<br>drug, and feed                                      |
|                              | (beij-n) Beijing dabeinong<br>animal health sci tech  |                |   |
|                              | (shao-n) Shaoshan dabe<br>agric animal medicine co    |                |   |
| CN 103014043 A<br>20130403   | (naco-n) Nat controlinst<br>veterinary bioproducts p  | China          | Safe carrier for seed viruses<br>of inactivated vaccine for<br>foot-and-mouth disease and<br>application thereof                                |

| Nº de publicación            | Solicitante   | País de origen | Contenido Técnico  |
|------------------------------|---|----------------|--|
| CN 103030694 A<br>20130410   | Bengbu animal husbandry and veterinary technology promotion station | China          | Preparation method of yolk immunoglobulin for preventing and treating escherichia coli-induced diarrhea of piglets   |
| CN 103041084 A<br>20130417   | Li chaozhen   | China          | Medicine for treating swine fever  |
| CN 103041381 A<br>20130417   | (jian-n) Jiangsu agric sci inst                                     | China          | Recombinant inhibin vaccine and preparation method and application of recombinant inhibin vaccine  |
| CN 103041384 A<br>20130417   | Pulike bioengineering co ltd  | China          | Vaccine composition as well as preparation method and application thereof  |
| CN 103054999 A<br>20130424   | Biological technology co ltd shandong                               | China          | Traditional chinese medicine preparation for preventing and treating highly pathogenic porcine reproductive and respiratory syndrome and preparation method            |
| CN 103059123 A<br>20130424   | Zonhon biopharma inst inc   | China          | Recombinant porcine interferon beta1, encoding gene and expression method thereof  |
|                              | Changzhou jiangsen biolog pharmaceutical res inst co ltd            |                |  |
| CN 103060222 A<br>20130424   | (feed-n) Feed res inst chinese acad agric sci                       | China          | Bacillus subtilis b27 with probiotic effect and application thereof  |
| CN 103100082 A<br>20130515   | Fuzhou da bei nong bio-tech co ltd                                  | China          | High throughput screening method for anti-influenza virus inhibitor with pacpb1n complex as target   |
| KR 20130063850 A<br>20130617 | Korea min agric and forestry administrativ                          | South Korea    | Recombinant baculovirus, virus like particle containing recombinant baculovirus and vaccine restraining swine influenza virus infection                                |
| KR 20130081989 A<br>20130718 | Univ konkuk ind coop corp   | South Korea    | A use of the peptide, coprisin isolated from copris tripartitus larvae and as antibacterial and antiinflammatory agent   |
| KR 20130088816 A<br>20130808 | PI bio co ltd   | South Korea    | Novel lactobacillus sp. strains and their use as probiotics  |
| WO 2013138776<br>A1 20130919 | Merial ltd  | USA            | Novel methods for providing long-term protective immunity against rabies in animals, based upon administration of replication-deficient flavivirus expressing rabies g |

| Nº de publicación            | Solicitante                                   | País de origen | Contenido Técnico  |
|------------------------------|---|----------------|--|
| CN 103007269 A<br>20130403   | Univ zhejiang science & tech                  | China          | Method for producing novel oral porcine circovirus vaccine   |
| CN 103007273 A<br>20130403   | Lanzhou veterinary res inst china agric       | China          | Foot-and-mouth disease genetic engineering mixed epitope vaccine and preparation method thereof  |
| CN 103012420 A<br>20130403   | Chinese acad sci kunming inst zoology         | China          | Lycorine derivative, veterinary drug taking lycorine derivative as an active   |
|                              | Univ yunnan agricultural                      |                |  |
| CN 103041383 A<br>20130417   | Jiangsu agricultural sci inst                 | China          | Heatproof freeze-drying protective agent of live vaccine, live vaccine freeze-drying powder and preparation method and preparation method of live vaccine freeze-drying powder         |
| CN 103059142 A<br>20130424   | Chongqing academy animal husbandry            | China          | Recombinant protein of antigen to porcine circovirus and antigen to porcine reproductive and respiratory syndrome virus, and preparation method and application of recombinant protein |
| KR 20130071032 A<br>20130628 | Korea res inst of bioscience and biotechnolog | South Korea    | Composition for prevention or treatment of coronavirus infection comprising extracts of salvia miltiorrhiza  |
| KR 20130077958 A<br>20130710 | Republic korea                                | South Korea    | Utilization method of porcine circovirus 2 capsid protein  |
| KR 20130088817 A<br>20130808 | PI bio co ltd                                 | South Korea    | Novel lactobacillus sp. strains and their use as probiotics  |
| KR 20130092519 A<br>20130820 | Green corss veterinary products co ltd        | South Korea    | Novel porcine reproductive respiratory syndrome virus and uses thereof   |
| CN 103070949 A<br>20130501   | Univ southwest                                | China          | Traditional chinese medicament composition and preparation and preparation method thereof  |
| CN 103087996 A<br>20130508   | Univ china agricultural                       | China          | Recombinant porcine reproductive and respiratory syndrome virus as well as preparation method and application thereof  |
| CN 103099812 A<br>20130515   | Hubei wudang animal pharmaceutical co ltd     | China          | Medicine for treating porcine reproductive and respiratory syndrome and preparation method thereof   |



| Nº de publicación            | Solicitante                                      | País de origen | Contenido Técnico  |
|------------------------------|--|----------------|--|
| CN 103103205 A<br>20130515   | Jiangsu acad agricultural sci                    | China          | Gene for encoding recombinant porcine circovirus type 2 (pcv2) cap protein and application of gene                 |
| CN 103122352 A<br>20130529   | Univ huazhong agricultural                       | China          | Porcine circovirus II-type recombinant baculovirus as well as preparation method and application thereof           |
| CN 103184235 A<br>20130703   | Univ guangxi                                     | China          | Multiple anti-fmd shrna tandem expression vector as well as construction method and application thereof            |
| JP 2013192546 A<br>20130930  | (zaid ) Biseibutsu kagaku kenkyusho kk           | Japan          | New recombinant protein useful in vaccine for treating infectious diseases e.g. pneumonia and mastitis             |
|                              | (norq ) Dokuritsu gyosei hojin nogyo seibutsu sh |                |  |
| WO 2013153394<br>A1 20131017 | Redx Pharma Ltd                                  | United Kingdom | Quinolonones with antibacterial properties   |
| WO 2013164334<br>A1 20131107 | Univ gent  | Belgium        | Escherichia coli vaccine   |
| CN 103012594 A<br>20130403   | Lanzhou veterinary res inst china agric          | China          | Nano-carrier of carrying porcine circovirus antigen epitope protein and application thereof                        |
| CN 103110591 A<br>20130522   | Shi qingcai                                      | China          | Solid inactivated vaccine  |
| CN 103185790 A<br>20130703   | Tianjin internat biopharmaceutical united res    | China          | High throughput screening method for anti-influenza virus inhibitor with PAC-PB1N complex as target                |
| US 2013236482 A1<br>20130912 | Omnigen res l l c                                | USA            | Augmentation of titer for vaccination in animals   |
| US 2013309273 A1<br>20131121 | Hassett kimberly                                 | USA            | Thermostable vaccine compositions and methods of preparing same  |
|                              | Nandi pradyot                                    |                |  |
|                              | Brey robert                                      |                |  |
|                              | Carpenter john                                   |                |  |
| WO 2013154778<br>A1 20131017 | Dana farber cancer inst inc                      | USA            | Host targeted inhibitors of dengue virus and other viruse  |
|                              | Harvard college                                  |                |  |
| CN 103041388 A<br>20130417   | Liaoning yikang biolog corp ltd                  | China          | Piglet colibacillosis egg yolk immunoglobulin biological preparation and preparation process thereof               |
| CN 103083653 A<br>20130508   | Liaoning chengda animal pharmaceutical co ltd    | China          | Method for producing classical swine fever live vaccine by using microcarrier high-density cell culture technology |

| Nº de publicación            | Solicitante                                 | País de origen | Contenido Técnico   |
|------------------------------|---|----------------|---|
| CN 103083655 A<br>20130508   | Pulike Bioengineering co ltd                | China          | Vaccine composition for preventing and treating porcine circovirus type 2, haemophilus parasuis and mycoplasma hyopneumoniae infection and preparation method thereof |
| CN 103083658 A<br>20130508   | Pulike Bioengineering co ltd                | China          | Vaccine adjuvant composition for treatment or prevention of swine infectious diseases   |
| CN 103083659 A<br>20130508   | Beijing huaxia xinyang biotechnology co ltd | China          | Preparation method and application of novel oil-free adjuvant   |
| CN 103083663 A<br>20130508   | Jiangsu acad agricultural sci               | China          | Immunity enhancing agent, inactivated vaccine, and preparation method thereof   |
| CN 103102397 A<br>20130515   | Han jianbao                                 | China          | Peptide nucleic acid for prevention and treatment of pcv2 virus and preparation thereof   |
| CN 103114105 A<br>20130522   | Beijing acad agric & forestry               | China          | Method for preparing TGEV(transmissible gastroenteritis virus)-s gene corns   |
| CN 103122353 A<br>20130529   | Univ huazhong agricultural                  | China          | Porcine o-type foot-and-mouth disease virus recombinant baculovirus as well as preparation method and application thereof   |
| CN 103088025 A<br>20130508   | Han jianbao                                 | China          | Swine fever virus-resistant peptide nucleic acid  |
| WO 2013152081<br>A1 20131010 | Zoetis llc                                  | USA            | Mycoplasma hyopneumoniae vaccine  |
| WO 2013153532<br>A1 20131017 | Univ saskatchewan                           | Canada         | Phthalocyanine compounds useful as reca inhibitors and methods of using same  |
| WO 2013173443<br>A1 20131121 | Zoetis llc                                  | USA            | Effective vaccination against porcine reproductive and respiratory syndrome (prrs) virus prior to weaning   |
| CN 103127416 A<br>20130605   | Liu rongbin                                 | China          | Drug for prevention and treatment of transmissible gastroenteritis of swine and epidemic diarrhea   |

| Nº de publicación            | Solicitante  | País de origen | Contenido Técnico  |
|------------------------------|--|----------------|--|
| CN 103127497 A<br>20130605   | Pulike bioengineering co ltd                                 | China          | Bigeminy inactivated vaccine of porcine circovirus type 2 and swine mycoplasma hyopneumoniae and preparation method of bigeminy inactivated vaccine                    |
| CN 103146631 A<br>20130612   | Jiangsu hengfengqiang biolog technology co ltd               | China          | Genetically engineered bacterium for expressing solubility pig gamma-interferonPoIFN-gamma and construction method and application of genetically engineered bacterium |
| CN 103146666 A<br>20130612   | Univ nanjing agricultural                                    | China          | Streptococcus suis cell wall hydrolase as well as coding gene and application thereof  |
| CN 103157105 A<br>20130619   | Ringpu baoding biolog pharmaceutical co ltd                  | China          | Method for preparing swine fever live vaccines   |
| CN 103194454 A<br>20130710   | Animal veterinary shandong academy of agricultural sciences  | China          | Efficiently-expressed porcine interleukin-2 gene and application of expression protein of porcine interleukin-2 gene   |
| CN 103194471 A<br>20130710   | Wuhan huayang animal pharmaceutical co ltd                   | China          | Swine transmissible gastroenteritis virus s/n protein fusion gene and recombinant lactococcus lactis, and their use  |
| CN 103194472 A<br>20130710   | Wuhan huayang animal pharmaceutical co ltd                   | China          | Porcine epizootic diarrhea virus s1 protein fusion gene and recombinant bacillus megaterium, and their use   |
| WO 2013131565<br>A1 20130912 | Ceva sante animale   | France         | Novel veterinary vaccine   |
| WO 2013142159<br>A1 20130926 | Alios biopharma inc<br>Vertex pharma                         | USA            | Pharmaceutical combinations comprising a thionu-   |
| WO 2013149017<br>A1 20131003 | Univ kansas state res found<br>Univ tennessee res foundation | USA            | Vaccine adjuvant   |

| Nº de publicación            | Solicitante   | País de origen | Contenido Técnico   |
|------------------------------|---|----------------|---|
| CN 103157100 A<br>20130619   | Pu like bio engineering co ltd                                | China          | Hemophilus parasuis disease, swine streptococcosis bivalent inactivated vaccine and preparation method thereof                    |
| CN 103172749 A<br>20130626   | Qingdao hongqiao mingqin biolog technology co ltd             | China          | Preparation of african swine fever protein engineering vaccine  |
| CN 103173470 A<br>20130626   | Siao biolog technology suzhou co ltd                          | China          | Preparation of PCV2 ORF2 capsid protein virus-like particles derived from escherichia coli  |
| CN 103194412 A<br>20130710   | Jiangsu acad agricultural sci inst                            | China          | Serotype 5 haemophilus parasuis (HPs) vaccine strain  |
| CN 103194413 A<br>20130710   | Jiangsu agricultural sci inst                                 | China          | Serotype 4 haemophilus parasuis (HPs) vaccine strain  |
| CN 103194455 A<br>20130710   | Animal veterinary inst shandong acad agr                      | China          | Efficiently-expressed porcine granulocyte macrophage-colony stimulating factor gene and application of expression protein of gene |
| WO 2013152086<br>A1 20131010 | Zoetis llc  | USA            | PCV/mycoplasma hyopneumoniae/PRRS combination vaccine   |
| CN 103191400 A<br>20130710   | Lanzhou inst of animal science and veterinary pharmaceuticals | China          | Traditional chinese medicine compound drug for preventing and treating transmissible gastroenteritis of swine                     |
| CN 103211993 A<br>20130724   | Univ qingdao agricultural                                     | China          | Traditional chinese medicine composition for treating porcine transmissible gastroenteritis                                       |
| WO 2013163337<br>A1 20131031 | Univ ohio state   | USA            | Compositions and methods for treating and preventing porcine reproductive and respiratory syndrome                                |
| CN 103169961 A<br>20130626   | Beijing vica group co ltd                                     | China          | Method for producing type 2 capsid protein grain vaccine of porcine circovirus by pichia pastoris expression system               |

| Nº de publicación            | Solicitante                                   | País de origen     | Contenido Técnico  |
|------------------------------|---|--------------------|--|
| CN 103191064 A<br>20130710   | Auniv jiamusi                                 | China              | Animal-use enrofloxacin stomach-positioning pellets, and preparation method thereof  |
| CN 103191421 A<br>20130710   | Jiangsu agric sci inst                        | China              | Application of serotype 5 haemophilus parasuis (hps) vaccine strain  |
| CN 103194470 A<br>20130710   | Wuhan huayang animal pharmaceutical co ltd    | China              | Swine transmissible gastroenteritis virus antigen fusion gene and recombinant bacillus megaterium, and their use   |
| CN 103211818 A<br>20130724   | Luoyang huizhong animal medicine co ltd       | China              | Pharmaceutical composition for treating or preventing bacterial and mycoplasma diseases of livestock and use thereof   |
| WO 2013152083<br>A2 20131010 | Zoetis llc                                    | USA                | PCV/mycoplasma hyopneumoniae combination vaccine   |
| CN 102716213 A<br>20121010   | Sichuan jinruike animal pharmaceutical co ltd | China              | Coptis and radix sophorae flavescentis anti-dysenteric particle as well as preparation method and application of coptis and radix sophorae flavescentis anti-dysenteric particle |
| CN 103027936 A<br>20130410   | Tang maoyang                                  | China              | Pharmaceutical composition for treating pig and bovine mastitis  |
| CN 103160555 A<br>20130619   | Wuhan chopper biology co ltd                  | China              | Culture medium, culture method and application of high-yield exotoxin of clostridium perfringens   |
| WO 2013133713<br>A1 20130912 | Friesland brands bv                           | Netherlands        | Animal feed composition containing encapsulated glucono delta-lactone  |
| WO 2013129944<br>A1 20130906 | Bayer new zealand ltd                         | New Zealand        | Controlled release compositions and their methods of use   |
| US 2013288893 A1<br>20131031 | Dow agrosiences llc                           | USA                | Pesticidal compositions and processes related thereto  |
| RU 2493871 C1<br>20130927    | Caspian arid farming res inst                 | Russian Federation | Method for preparing antibody erythrocyte diagnosticum for indirect hemagglutination test (iht) for purposes of brucella indication in pathologic material                       |

| Nº de publicación  | Solicitante          | País de origen | Contenido Técnico   |
|--|----------------------|----------------|---|
| <a href="#">WO 2013166177</a><br><a href="#">A2 20131107</a> | Chromadex inc        | USA            | Pterostilbene and curcumin combination for treatment of oxidative stress and inflammation |
| <a href="#">WO 2013154080</a><br><a href="#">A1 20131017</a> | Nipon soda co        | Japan          | Aryloxyurea compound and pest control agent   |
| <a href="#">WO 2013158746</a><br><a href="#">A1 20131024</a> | Biocryst pharm inc   | USA            | Compositions and methods for inhibiting viral polymerase                                  |
| <a href="#">WO 2013167743</a><br><a href="#">A1 20131114</a> | Akron molecules gmbh | Austria        | Use of compounds for the treatment of pain  |



| Nº de publicación          | Solicitante                              | País de origen | Contenido Técnico  |
|----------------------------|--|----------------|--|
| NZ 595736 A<br>20130531    | Mount sinai school medicine              | New Zealand    | Chimeric viruses presenting non-native surface proteins and uses thereof   |
| PL 397433 A1<br>20130624   | Pochodyla andrzej                        | Poland         | Method for producing vaccines using recombinant DNA technology immunological veterinary medicinal product for domestic pigeons         |
| CN 102716478 A<br>20121010 | Pulike bioengineering co ltd             | China          | Combined Newcastle disease and infectious bronchitis inactivated vaccine and method for preparing same                                 |
| CN 102988363 A<br>20130327 | Henan xinzhenghao bio engineering co ltd | China          | Medicine for treating poultry proventriculitis and necrotic enteritis and preparation method thereof                                   |
| CN 102993310 A<br>20130327 | Qingdao kangdien pharmaceutical co ltd   | China          | Fusion protein of IBD (Infectious Bursal Disease) VP2 and IL (Interleukin)-2 and application thereof                                   |
|                            | Qingdao biote biopharmaceutical co ltd   |                |  |
| PL 397767 A1<br>20130722   | Jankowski jan                            | Poland         | Prevention of bacterial infections and gastrointestinal effects by reducing the proliferation of pathogenic bacteria and conditionally |
|                            | Pieszka marek                            |                |  |
|                            | Myronyuk ivan f                          | Ukraine        |  |
|                            | Michalowski pawel andrzej                | Poland         |  |
| CN 102719406 A<br>20121010 | Jiangsu agricultural sci inst            | China          | Monoclonal antibody resistant to nephropathogenic avian infectious bronchitis virus strain ds10  |
| CN 102716164 A<br>20121010 | Qilu animal health products co ltd       | China          | Echinacea extract and preparation method of echinacea extract  |
| CN 102716476 A<br>20121010 | Zhengzhou houyi pharmaceutical co ltd    | China          | Cell inactivated vaccine, egg yolk antibody injection, and preparation method of cell inactivated vaccine                              |

| Nº de publicación  | Solicitante                                   | País de origen | Contenido Técnico  |
|--|---|----------------|--|
| <a href="#">CN 102973728 A</a><br><a href="#">20130320</a>   | Zhenjiang tianhe biolog<br>technology co ltd  | China          | Chinese herbal medicine<br>preparation for treating<br>chicken infectious bronchi-<br>tis  |
| <a href="#">CN 103006792 A</a><br><a href="#">20130403</a>   | Beijing dabeii agric<br>sci&technology gro    | China          | Veterinary drug for pre-<br>venting livestock bowel<br>diseases, preparation<br>method of drug, and feed                               |
|  | Beijing dabeinong animal<br>health sci tech   |                |  |
|  | Shaoshan dabeii agric ani-<br>mal medicine co |                |  |
| <a href="#">CN 103006819 A</a><br><a href="#">20130403</a>   | Dong genrong                                  | China          | Oral liquid for controlling<br>avian colibacillosis and<br>preparation method the-<br>reof   |
| <a href="#">CN 103006848 A</a><br><a href="#">20130403</a>   | University southwest Na-<br>tionalities       | China          | Antiviral chinese herbal<br>medicine compound prepa-<br>ration for birds   |
| <a href="#">CN 103007271 A</a><br><a href="#">20130403</a>   | Qingdao kangdien phar-<br>maceutical co ltd   | China          | Chicken subunit four-<br>combination vaccine and<br>preparation and applica-<br>tion thereof   |
|  | Qingdao boite biopharma-<br>ceutical co ltd   |                |  |
| <a href="#">CN 103007275 A</a><br><a href="#">20130403</a>   | Qingdao yebio bioengi-<br>neering co ltd      | China          | Combined trivalent live va-<br>ccine for newcastle disea-<br>se and infectious chicken<br>bronchitis                                   |
| <a href="#">CN 103027955 A</a><br><a href="#">20130410</a>   | Dong genrong                                  | China          | Granules for preven-<br>ting and treating chicken<br>infectious bursal disease<br>and preparation method<br>thereof                    |
| <a href="#">CN 103028111 A</a><br><a href="#">20130410</a>   | Univ nanjing agricultural                     | China          | Eimeria acevulina immuni-<br>ty adjustment type po-<br>lyvalent multi-epitope DNA<br>(Deoxyribose Nucleic-Acid)<br>vaccine             |
| <a href="#">CN 103060222 A</a><br><a href="#">20130424</a>   | Feed res inst chinese acad<br>agric sci       | China          | Bacillus subtilis b27 with<br>probiotic effect and appli-<br>cation thereof  |
| <a href="#">CN 103099811 A</a><br><a href="#">20130515</a>   | Qingdao continent phar-<br>maceutical co ltd  | China          | Chicken coccidiosis<br>preventing and treating<br>composition  |
| <a href="#">KR 20130081989 A</a><br><a href="#">20130718</a> | Univ konkuk ind coop<br>corp                  | South<br>Korea | A use of the peptide, co-<br>prisin isolated from copris<br>tripartitus larvae and as<br>antibacterial and antiin-<br>flammatory agent |
| <a href="#">US 2013253047 A1</a><br><a href="#">20130926</a> | Abattis bioceuticals corp                     | USA            | Method and composition<br>for preventing and treating<br>avian influenza in poultry  |



| Nº de publicación            | Solicitante  | País de origen | Contenido Técnico  |
|------------------------------|--|----------------|--|
| US 2013295067 A1<br>20131107 | Baltzley tammy   | USA            | Microorganisms and methods for treating poultry  |
|                              | Lago firmin  |                |  |
|                              | Neumann tony   |                |  |
|                              | Rehberger thomas                                       |                |  |
|                              | Gebert shelly  |                |  |
| CN 103007274 A<br>20130403   | Qingdao yebio bioengineering co ltd                    | China          | Bivalent live vaccine for infectious chicken bronchitis  |
| CN 103013928 A<br>20130403   | Shanghai cent animal disease control and prevention ct | China          | H9N2 avian influenza virus and application thereof   |
| CN 103013929 A<br>20130403   | Shanghai animal disease control and prevention ct      | China          | Avian influenza virus, and detection kit and vaccine thereof   |
| CN 103028112 A<br>20130410   | Yebio bioeng co ltd qingdao                            | China          | Newcastle disease and infectious bronchitis bivalent live vaccine  |
| CN 103041120 A<br>20130417   | Dong genrong   | China          | Pharmaceutical composition for controlling chicken infectious bursal disease and preparation method thereof  |
| CN 103041124 A<br>20130417   | Dong genrong   | China          | Medicament for treating avian infectious bronchitis and preparation method thereof   |
| CN 103060221 A<br>20130424   | Nanjing tech-bank bio industry co ltd                  | China          | Culture medium adopting continuous enrichment culture for mycoplasma gaujseptium and preparation method  |
| CN 103070827 A<br>20130501   | Qingdao kangdien pharmaceutical co ltd                 | China          | Method for preparing tulathromycin soluble powder  |
| KR 20130062053 A<br>20130612 | Univ konkuk ind coop corp                              | South Korea    | RNA aptamer with specific binding for ha1 protein and use of the same against avian influenza  |
| CN 103027977 A<br>20130410   | Dong genrong   | China          | Granules for preventing and treating chicken coccidiosis and preparation method thereof  |
| CN 103041383 A<br>20130417   | Jiangsu agricultural sci inst                          | China          | Heatproof freeze-drying protective agent of live vaccine, live vaccine freeze-drying powder and preparation method and preparation method of live vaccine freeze-drying powder |

| Nº de publicación            | Solicitante                                       | País de origen | Contenido Técnico  |
|------------------------------|---|----------------|--|
| CN 103045614 A<br>20130417   | Zhaoqing dahuanong biological pharm co            | China          | Mutant phage e gene, punching plasmid vector containing the gene and application thereof in preparation of vaccine   |
|                              | Guangdong dahuanong animal health products co ltd |                |  |
| CN 103055311 A<br>20130424   | Univ sun yet-sen                                  | China          | Infectious laryngotracheitis mucosa vaccine, as well as preparation method and application thereof   |
| CN 103083321 A<br>20130508   | Qingdao kangdien pharmaceutical co ltd            | China          | Premix for prevention and treatment of chicken coccidiosis   |
| CN 103110649 A<br>20130522   | Qingdao kdn pharmaceutical co ltd                 | China          | Veterinary drug for treating diseases caused by bacteria and mycoplasma infection  |
| EP 2644702 A1<br>20131002    | Ceva sante animale                                | France         | Multivalent recombinant avian herpes virus and vaccine for immunizing avian species  |
| FR 2991182 A1<br>20131206    | Nolivade  | France         | Bacterial composition for the treatment of colibacillosis on farms, in particular poultry farms, and also drinking water containing such a bacterial composition |
| KR 20120111535 A<br>20121010 | Snu r&db foundation                               | South Korea    | Avian pathogenic escherichia coli-specific bacteriophage and antibacterial compositions containing the same  |
| KR 20130055049 A<br>20130528 | Republic of Korea                                 | South Korea    | Vaccine composition for preventing necrotic enteritis in chicken   |
| CN 103007272 A<br>20130403   | Qingdao yebio bioengineering co ltd               | China          | Infectious chicken bronchitis vaccine  |
| CN 103028031 A<br>20130410   | Dong genrong                                      | China          | Traditional chinese medicine granule for preventing salmonellosis avium and preparation method thereof   |
| CN 103083234 A<br>20130508   | Qingdao continent pharmaceutical co ltd           | China          | Ponazuril suspension   |
| CN 103110694 A<br>20130522   | Guangdong zijin zhengtian pharmaceutical co ltd   | China          | Composition for widely treating viral diseases and application thereof   |
| CN 103070907 A<br>20130501   | University zhangzhou normal                       | China          | Medicine resistant to poultry coccidiosis and preparation method thereof   |

| Nº de publicación  | Solicitante   | País de origen | Contenido Técnico   |
|--|---|----------------|---|
| <a href="#">CN 103110591 A</a><br><a href="#">20130522</a>   | Shi qingcai   | China          | Solid inactivated vaccine   |
| <a href="#">CN 103182082 A</a><br><a href="#">20130703</a>   | Zhejiang nuobeiwei biolog<br>technology co ltd              | China          | Bivalent live vaccine for<br>avian infectious bronchitis<br>and preparation method<br>thereof   |
| <a href="#">CN 103185790 A</a><br><a href="#">20130703</a>   | Tianjin internat biophar-<br>maceutical united res          | China          | High throughput screening<br>method for anti-influenza<br>virus inhibitor with PAC-<br>PB1N complex as target   |
| <a href="#">US 2013236482 A1</a><br><a href="#">20130912</a> | Omnigen res ll c  | USA            | Augmentation of titer for<br>vaccination in animals   |
| <a href="#">US 2013309273 A1</a><br><a href="#">20131121</a> | Hassett kimberly  | USA            | Thermostable vaccine<br>compositions and methods<br>of preparing same   |
|  | Nandi pradyot   |                |   |
|  | Brey robert   |                |   |
|  | Carpenter john  |                |   |
| <a href="#">CN 103054891 A</a><br><a href="#">20130424</a>   | Qingdao lvman bioengi-<br>neering co ltd                    | China          | Compound erythromycin<br>thiocyanate composition<br>for controlling poultry<br>bacterial and mycoplasma<br>infection and preparation<br>method thereof  |
| <a href="#">CN 103055309 A</a><br><a href="#">20130424</a>   | Harbin pharmaceutical<br>group biological vaccine<br>co ltd | China          | Freezing and drying pro-<br>tective agent used for in-<br>fectious bronchitis virus HI<br>antigen and application of<br>freezing and drying protec-<br>tive agent in preparation<br>of HI antigen |
| <a href="#">CN 103083411 A</a><br><a href="#">20130508</a>   | Univ qingdao agricultural                                   | China          | Traditional chinese animal<br>medicine preparation for<br>treating poultry colibaci-<br>llosis  |
| <a href="#">CN 103182080 A</a><br><a href="#">20130703</a>   | Pulike bioengineering co<br>ltd                             | China          | Avian infectious laryngo-<br>tracheitis-fowl pox combi-<br>ned active vaccine   |
| <a href="#">CN 103055171 A</a><br><a href="#">20130424</a>   | Qingdao lvman bioengi-<br>neering co ltd                    | China          | Pure chinese medicinal<br>composition for treating<br>infectious bursal disease<br>of poultry and preparation<br>method of pure chinese<br>medicinal composition                                  |
| <a href="#">CN 103055206 A</a><br><a href="#">20130424</a>   | Qingdao lvman bioengi-<br>neering co ltd                    | China          | Pure chinese medicinal<br>composition for treating<br>chicken colibacillosis and<br>pullorum disease and pre-<br>paration method thereof  |
| <a href="#">CN 103083659 A</a><br><a href="#">20130508</a>   | Beijing huaxia xingyang<br>biotechnology co ltd             | China          | Preparation method and<br>application of novel oil-free<br>adjuvant   |

| Nº de publicación  | Solicitante   | País de origen | Contenido Técnico   |
|--|---|----------------|---|
| <a href="#">CN 103127157 A</a><br><a href="#">20130605</a>   | Dingzheng animal pharmaceutical tianjin co ltd        | China          | Medicament for curing upper respiratory tract diseases of poultry and livestock and preparation method thereof                        |
| <a href="#">CN 103070966 A</a><br><a href="#">20130501</a>   | Univ qingdao agricultural                             | China          | Chinese veterinary drug preparation for preventing or curing poultry respiratory diseases   |
| <a href="#">WO 2013147534 A1</a><br><a href="#">20131003</a> | Nat univ chonbuk ind coop foun                        | South Korea    | Fowl typhoid oral vaccine composition using live immunostimulator   |
| <a href="#">CN 103127496 A</a><br><a href="#">20130605</a>   | Pulike bioengineering co ltd                          | China          | III type turkey herpes virus freeze-drying vaccine  |
| <a href="#">CN 103143007 A</a><br><a href="#">20130612</a>   | Harbin pharmaceutical group biological vaccine co ltd | China          | Method for preparing infectious bursal disease virus live vaccine by utilizing passage chicken embryo fibroblast                      |
| <a href="#">CN 103191180 A</a><br><a href="#">20130710</a>   | Chongqing academy of animal sciences<br>Yang jingxu   | China          | Preparation for preventing and treating chickling salmonella enterica white   |
| <a href="#">WO 2013140919 A1</a><br><a href="#">20130926</a> | Chemo-sero-therapeut res inst                         | Japan          | LPS vaccine   |
| <a href="#">CN 103142881 A</a><br><a href="#">20130612</a>   | Sichuan xiya animal pharmaceutical co ltd             | China          | Chicken coccidiosis-preventive traditional chinese medicine composition and preparation and applications thereof                      |
| <a href="#">CN 103143010 A</a><br><a href="#">20130612</a>   | Qilu animal health products co ltd                    | China          | Triad inactivated vaccine for newcastle disease and bird flu (H9 subtype) and escherichia coli disease and preparation method thereof |
| <a href="#">CN 103194476 A</a><br><a href="#">20130710</a>   | Univ xinxiang medical                                 | China          | Cloning and expression of partial fragment of chicken pcdh1 gene and preparation of polyclonal antibody                               |
| <a href="#">CN 103204926 A</a><br><a href="#">20130717</a>   | Univ yangzhou   | China          | Monoclonal antibody aiming at H5 avian influenza virus  |
| <a href="#">CN 103146653 A</a><br><a href="#">20130612</a>   | Harbin pharmaceutical group biological vaccine co ltd | China          | Infectious bursal disease virus chick embryo fibroblast adapted strain H11 and application thereof                                    |

| Nº de publicación  | Solicitante   | País de origen | Contenido Técnico  |
|--|---|----------------|--|
| <a href="#">CN 103142708 A</a><br><a href="#">20130612</a>   | Cao zhiguo  | China          | Liquid medicine for treating avian influenza   |
| <a href="#">CN 103146654 A</a><br><a href="#">20130612</a>   | Zhejiang nuobeiwei biological technology co ltd           | China          | Artificially weakened infectious bronchitis virus and application thereof  |
| <a href="#">CN 103191264 A</a><br><a href="#">20130710</a>   | Shandong academy of agricultural science poultry res inst | China          | Traditional chinese veterinary medicine oral solution for preventing and treating colibacillosis of poultry  |
| <a href="#">CN 103142771 A</a><br><a href="#">20130612</a>   | Univ hebei engineering                                    | China          | Medicine for controlling coccidiosis in chicken  |
| <a href="#">CN 103173455 A</a><br><a href="#">20130626</a>   | Shanghai veterinary inst chinese academy agr              | China          | Goose-origin gene RIG-I (retinoic acid-inducible gene-I) with anti-newcastle disease virus activities and application thereof  |
| <a href="#">WO 2013148375 A1</a><br><a href="#">20131003</a> | Sangart inc   | USA            | Diaspirin crosslinked pegylated hemoglobin   |
| <a href="#">CN 102716213 A</a><br><a href="#">20121010</a>   | Sichuan jinruike animal pharmaceutical co ltd             | China          | Coptis and radix sophorae flavescentis anti-dysenteric particle as well as preparation method and application of coptis and radix sophorae flavescentis anti-dysenteric particle |
| <a href="#">CN 103006628 A</a><br><a href="#">20130403</a>   | Liu Zongshan  | China          | Application of formaldehyde in preparation of injection for treating animal and human infectious disease   |
| <a href="#">CN 103099846 A</a><br><a href="#">20130515</a>   | Qingdao Continent Pharmaceutical Co Ltd                   | China          | Poultry and livestock drug   |
| <a href="#">CN 103202909 A</a><br><a href="#">20130717</a>   | Chen Pengju   | China          | Traditional chinese medicine feed additive for preventing and curing diarrhea of livestock and poultry as well as fur-bearing animals  |
| <a href="#">US 2013288893 A1</a><br><a href="#">20131031</a> | Dow Agrosiences Llc                                       | USA            | Pesticidal compositions and processes related thereto  |



| Nº de publicación  | Solicitante  | País de origen | Contenido Técnico   |
|--|--|----------------|---|
| <a href="#">KR 20130081989 A</a><br><a href="#">20130718</a>   | Univ Konkuk Ind Coop Corp                                | South Korea    | A use of the peptide, coprisin isolated from copris tripartitus larvae and as antibacterial and antiinflammatory agent  |
| <a href="#">KR 20130051523 A</a><br><a href="#">20130521</a>   | Snu r&db foundation                                      | South Korea    | Use of extract of paecilomyces variotii for preventing and treating fish pathogenic bacteria-induced infection  |
| <a href="#">JP 2013184922 A</a><br><a href="#">20130919</a>    | Dokuritsu gyosei hojin suisan sogo kenky                 | Japan          | Adjuvant useful in vaccine for preventing infection caused by intracellular parasite, preferably bacteria, more preferably Edwardsiella tarda in fishes, preferably Pleuronectiformes, comprises type 1 interferon or interferon-gamma        |
| <a href="#">DE 102012009572</a><br><a href="#">A1 20131121</a> | Cocq marc de   | Germany        | Agent, used to treat aquatic living beings against diseases caused by parasites, bacteria, fungi and viruses, comprises glycerol-formal or glycerol-formal containing compounds for formulating water-insoluble or poorly water-soluble drugs |
|  | Uhlfelder andreas  |                |   |
| <a href="#">CN 103160525 A</a><br><a href="#">20130619</a>     | Yantai inst of coastal zones chinese academy of sciences | China          | Mytilus edulis g-type lysozyme gene and recombinant protein and application thereof   |
| <a href="#">WO 2013144579</a><br><a href="#">A1 20131003</a>   | Univ heriot watt   | United Kingdom | Use of flagellin as a vaccine   |
| <a href="#">WO 2013155468</a><br><a href="#">A2 20131017</a>   | Dupont nutrition biosciences aps                         | Germany        | Microbial strains and their use in animals  |



| Nº de publicación                         | Solicitante  | País de origen | Contenido Técnico   |
|---|--|----------------|---|
| <a href="#">RO 128804 A2 20130930</a>     | Burcea constantin  | Romania        | Ashelter for bees families and habitat monitoring technique   |
| <a href="#">KR 20130071028 A 20130628</a> | Wissen co ltd  | South Korea    | Agent for sacbrood virus of bees  |
| <a href="#">US 2013289097 A1 20131031</a> | Paldi Nitzan   | USA            | Compositions for conferring tolerance to viral disease in social insects, and the use thereof                                   |
|   | Yarden Gal   |                |   |
| <a href="#">KR 20130077295 A 20130709</a> | Republic of korea man animal and plant quarantine agency | South Korea    | Egg-yolk antibody for bee virus and producing method of that  |
| <a href="#">CN 103055076 A 20130424</a>   | Qingdao lvman bioengineering co ltd                      | China          | Pure Chinese medicinal composition for treating noseamosis of bees and preparation method of pure Chinese medicinal composition |
| <a href="#">CN 103039542 A 20130417</a>   | Beijing zhifeng-tang bee product co ltd                  | China          | Natural vegetal bee medicine and preparation method thereof   |
| <a href="#">CN 103120719 A 20130529</a>   | Qingdao lvman biolog eng co                              | China          | Pure traditional Chinese medicine composition for treating sacbrood virus of bees and preparation method thereof                |
| <a href="#">WO 2013153553 A2 20131017</a> | Yisum res dev co   | Israel         | Compositions for controlling Varroa mites in bees   |
|   | Beeologics inc   | USA            |   |



# VTÉquidos

| Nº de publicación            | Solicitante                          | País de origen | Contenido Técnico   |
|------------------------------|--------------------------------------|----------------|---|
| BR PI1103781 A2<br>20130730  | Univ fed do parana                   | Brazil         | Composições farmacêuticas com ação leishmanicida e processos para produção dos mesmos   |
| CN 102719389 A<br>20121010   | Univ sun yat sen                     | China          | Capsule deficiency type Streptococcus equi subsp. zooepidemicus attenuated vaccine strain and preparation method thereof                            |
| US 2013243727 A1<br>20130919 | Infinity pharmaceuticals inc         | USA            | Triazoles as inhibitors of fatty acid synthase  |
| WO 2013129953<br>A1 20130906 | Inst superior tecnico<br>Univ lisboa | Portugal       | Vaccine against strangles of the equidae  |
| CN 103073629 A<br>20130501   | Harbin veterinary res inst<br>caas   | China          | Protein capable of inhibiting release of virus particles, coding sequence of protein and application in inhibiting release of retrovirus from cells |
| US 2013236482 A1<br>20130912 | Omnigen res llc                      | USA            | Augmentation of titer for vaccination in animals  |
| US 2013309273 A1<br>20131121 | Hassett kimberly                     | USA            | Thermostable vaccine compositions and methods of preparing same   |
|                              | Nandi pradyot                        |                |   |
|                              | Brey robert                          |                |   |
|                              | Carpenter john                       |                |   |
| WO 2013154778<br>A1 20131017 | Dana farber cancer inst<br>inc       | USA            | Host targeted inhibitors of dengue virus and other viruse   |
|                              | Harvard college                      |                |   |
| US 2013309325 A1<br>20131121 | Vital animal health llc              | USA            | Composition and method for promoting joint and bone health  |
|                              | Crook brian a                        |                |   |
| CN 103184235 A<br>20130703   | Univ guangxi                         | China          | Multiple anti-fmd shrna tandem expression vector as well as construction method and application thereof   |
| WO 2013130814<br>A1 20130906 | Ambrx inc                            | USA            | Novel prodrug containing molecule compositions and their uses   |



| Nº de publicación              | Solicitante                                      | País de origen | Contenido Técnico  |
|--------------------------------|--|----------------|--|
| WO 2013158746<br>A1 20131024   | Biocryst pharm inc                               | USA            | Compositions and methods for inhibiting viral polymerase   |
| WO 2013153532<br>A1 20131017   | Univ saskatchewan                                | Canada         | Phthalocyanine compounds useful as reca inhibitors and methods of using same   |
| WO 2013138670<br>A1 20130919   | Icahn school of medicine at mount sinai          | USA            | Yellow fever virus ns5 mutants as flavivirus vaccine candidates  |
| WO 2013138187<br>A1 20130919   | Scripps research inst                            | USA            | Broad spectrum antibiotic arylomycin analogs   |
| WO 2013158262<br>A1 20131024   | Mars inc   | USA            | Ring constrained analogs as arginase inhibitors  |
| DE 102012103405<br>A1 20131024 | Heinrich pette inst                              | Germany        | New disubstituted heteroaryl compound useful for treating a disease consisting of viral diseases, proliferative diseases, neurodegenerative diseases, diabetes, malaria, and hiv infection |
|                                | Univ hamburg                                     |                |  |
| US 2013266607 A1<br>20131010   | Tinker Juliette                                  | USA            | Cholera toxin chimera and its use as a staph vaccine   |
| BR PI1103869 A2<br>20130730    | Bio Pronto Ind E Com De Produtos Biolog Ltda Epp | Brazil         | Leptospirosis laboratory diagnostic medium and vaccine against animal leptospirosis  |
| WO 2013153394<br>A1 20131017   | Redx Pharma Ltd                                  | United Kingdom | Quinolonones with antibacterial properties   |
| WO 2013164334<br>A1 20131107   | Univ Gent  | Belgium        | Escherichia coli vaccine   |
| US 2013261442 A1<br>20131003   | Univ Nat Yang Ming                               | USA            | Methods and system for ultrasound-mediated drug delivery   |
| WO 2013129944<br>A1 20130906   | Bayer New Zealand Ltd                            | New Zealand    | Controlled release compositions and their methods of use   |
| US 2013288893 A1<br>20131031   | Dow Agrosiences Llc                              | USA            | Pesticidal compositions and processes related thereto  |
| WO 2013166177<br>A2 20131107   | Chromadex Inc                                    | USA            | Pterostilbene and curcumin combination for treatment of oxidative stress and inflammation  |
| WO 2013142159<br>A1 20130926   | Alios biopharma inc                              | USA            | Pharmaceutical combinations comprising a thionu-   |
|                                | Vertex pharma                                    |                |  |
| WO 2013167743<br>A1 20131114   | Akron molecules gmbh                             | Austria        | Use of compounds for the treatment of pain   |



# VT Mascotas



| Nº de publicación            | Solicitante                                      | País de origen | Contenido Técnico  |
|------------------------------|--|----------------|--|
| US 2013259955 A1<br>20131003 | Chen Yongge                                      | China          | Medical Uses of Nanoclustered Water  |
|                              | APR Nanotechnologies s.a                         |                |  |
|                              | De noni Roberto                                  | Italy          |  |
|                              | Reiner Giorgio                                   |                |  |
|                              | Galfetti Paolo                                   |                |  |
| CN 103083454 A<br>20130508   | Tianjin shengji group co ltd                     | China          | Traditional Chinese medicine composition used for treating dog leptospirosis, and preparation method thereof   |
| US 2013288893 A1<br>20131031 | Dow agrosiences llc                              | USA            | Pesticidal compositions and processes related thereto  |
| US 2013324802 A1<br>20131205 | Makosky frank j                                  | USA            | Insect locator and removal tool  |
|                              | Galan-parsons debra                              |                |  |
| WO 2013138776 A1<br>20130919 | Merial ltd                                       | USA            | Novel methods for providing long-term protective immunity against rabies in animals, based upon administration of replication-deficient flavivirus expressing rabies g |
| WO 2013167743 A1<br>20131114 | Akron molecules gmbh                             | Austria        | Use of compounds for the treatment of pain   |
| BR PI1103869 A2<br>20130730  | Bio pronto ind e com de produtos biolog ltda epp | Brazil         | Leptospirosis laboratory diagnostic medium and vaccine against animal leptospirosis  |
| US 2013261161 A1<br>20131003 | Velcera inc                                      | USA            | Antiparasitic formulations   |
| US 2013309273 A1<br>20131121 | Hassett kimberly                                 | USA            | thermostable vaccine compositions and methods of preparing same  |
|                              | Nandi pradyot                                    |                |  |
|                              | Brey robert                                      |                |  |
|                              | Darpenter john                                   |                |  |
|                              | Randolph theodore w                              |                |  |
| US 8557846 B1<br>20131015    | Bridge pharma inc                                | USA            | Medicinal treatment of dermal diseases in dogs   |
| US 2013295133 A1<br>20131107 | Texas a & m univ sys                             | USA            | Recombinant virus expressing foreign dna encoding feline cd80, feline cd86, feline cd28, or feline ctla-4 and uses thereof   |
|                              | Intervet inc                                     |                |  |

| Nº de publicación              | Solicitante                             | País de origen | Contenido Técnico  |
|--------------------------------|---|----------------|--|
| WO 2013130814 A1<br>20130906   | Ambrx inc                               | USA            | Novel prodrug containing molecule compositions and their uses  |
| WO 2013153394 A1<br>20131017   | Redx pharma ltd                         | United Kingdom | Quinolones with antibacterial properties   |
| WO 2013158818 A2<br>20131024   | Zoetis llc                              | USA            | Vaccines and methods to treat lyme disease in dogs   |
| US 2013323245 A1<br>20131205   | Morehouse school of medicine            | USA            | Chemokine-immunoglobulin fusion polypeptides, compositions, method of making and use thereof                           |
| WO 2013150055 A1<br>20131010   | Intervet int bv                         | Netherlands    | Solid oral pharmaceutical compositions for isoxazoline compounds   |
|                                | Intervet inc                            | USA            |  |
|                                | Freehauf keith                          |                |  |
|                                | Waldron niki                            |                |  |
|                                | Lutz juergen                            | Germany        |  |
| Guerino frank                  | USA                                     |                |  |
| WO 2013153532 A1<br>20131017   | Univ saskatchewan                       | Canada         | Phthalocyanine compounds useful as reca inhibitors and methods of using same   |
| WO 2013138670 A1<br>20130919   | Icahn school of medicine at mount sinai | USA            | Yellow fever virus ns5 mutants as flavivirus vaccine candidates  |
| WO 2013158262 A1<br>20131024   | Mars inc                                | USA            | Ring constrained analogs as arginase inhibitors  |
| DE 102012103405<br>A1 20131024 | Heinrich Pette Inst<br>Univ Hamburg     | Germany        | New disubstituted heteroaryl compound useful for   |
| KR 20130081989 A<br>20130718   | Univ Konkuk Ind Coop Corp               | South Korea    | A use of the peptide, coprisin isolated from copris tripartitus larvae and as antibacterial and antiinflammatory agent |
| US 2013266607 A1<br>20131010   | Tinker Juliette                         | USA            | Cholera toxin chimera and its use as a staph vaccine   |
| US 2013236482 A1<br>20130912   | Omnigen Res L L C                       | USA            | Augmentation of titer for vaccination in animals   |
| US 2013261442 A1<br>20131003   | Univ Nat Yang Ming                      | USA            | Methods and system for ultrasound-mediated drug delivery   |
| WO 2013129944 A1<br>20130906   | Bayer New Zealand Ltd                   | New Zealand    | Controlled release compositions and their methods of use   |

| Nº de publicación  | Solicitante                  | País de origen | Contenido Técnico   |
|--|------------------------------|----------------|---|
| <a href="#">JP 2013173702 A</a><br><a href="#">20130905</a>  | Sumitomo Chem Co Ltd         | Japan          | Agent comprises hydrazide compound useful for controlling ectoparasite, insect-pest and mites e.g. Pulex irritans, Xenopsylla cheopis and Cimex lectularius in animal including livestock and pet |
| <a href="#">WO 2013166177 A2</a><br><a href="#">20131107</a> | Chromadex Inc                | USA            | Pterostilbene and curcumin combination for treatment of oxidative stress and inflammation   |
| <a href="#">WO 2013115391 A1</a><br><a href="#">20130808</a> | Nihon Nohyaku Co Lt          | Japan          | Arylalkyloxy pyrimidine derivative, pesticide for agricultural and horticultural use containing arylalkyloxy pyrimidine derivative as active ingredient, and use of same                          |
| <a href="#">WO 2013125543 A1</a><br><a href="#">20130829</a> | Takeda Pharmaceutical Co Ltd | Japan          | Heterocyclic Compound   |
| <a href="#">WO 2013142159 A1</a><br><a href="#">20130926</a> | Alios biopharma inc          | USA            | Pharmaceutical combinations comprising a thionu-  |
|  | Vertex pharma                |                |   |
| <a href="#">BR PI1103781 A2</a><br><a href="#">20130730</a>  | Univ fed do parana           | Bazil          | Composições farmacêuticas com ação leishmanicida e processos para produção dos mesmos   |
| <a href="#">US 2013309325 A1</a><br><a href="#">20131121</a> | Vital animal health llc      | USA            | Composition and method for promoting joint and  |
|  | Crook brian a                |                |   |



| Nº de publicación            | Solicitante                                | País de origen     | Contenido Técnico  |
|------------------------------|--|--------------------|--|
| WO 2013153532<br>A1 20131017 | Univ Saskatchewan                          | Canada             | Phthalocyanine compounds useful as reca inhibitors and methods of using same   |
| KR 20130081989 A<br>20130718 | Univ Konkuk Ind Coop Corp                  | South Korea        | A use of the peptide, coprisin isolated from copris tripartitus larvae and as antibacterial and antiinflammatory agent   |
| WO 2013125543<br>A1 20130829 | Takeda Pharmaceutical Co Ltd               | Japan              | Heterocyclic Compound  |
| RU 2485972 C1<br>20130627    | Toxicology radiation and biological securi | Russain Federation | Method for producing antigen for retrospective diagnosis of animal chlamydial infection  |
|                              | Univ peoples 's friendship                 | Russain Federation |  |
| FR 2991182 A1<br>20131206    | Nolivade                                   | France             | Bacterial composition for the treatment of colibacillosis on farms, in particular poultry farms, and also drinking water containing such a bacterial composition |

# Noticias



## Subvenciones de la OEPM

El 3 de diciembre de 2013 se han publicado las resoluciones definitivas de las solicitudes de subvención correspondientes a la convocatoria de 'Ayudas para el Fomento de las solicitudes de Patentes y Modelos de Utilidad', tanto del programa nacional como del programa internacional.

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## PPH: Programa Piloto Global y acuerdos recientes

El programa piloto GPPH permitirá solicitar el examen acelerado de patentes en cualquiera de las oficinas que participan en el proyecto.

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## Los ciudadanos europeos favorables a los derechos de la PI

La OAMI ha hecho público su estudio 'Los ciudadanos europeos y la Propiedad Intelectual: percepción, concienciación y conducta'

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## Ya está disponible el pago con tarjeta.

La OEPM ofrece la posibilidad de realizar el pago de algunas tasas oficiales mediante tarjeta bancaria. Esto supone una mejora en el desarrollo de la administración electrónica, facilitando un mejor servicio a los usuarios.

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XXIII CUMBRE  
IBEROAMERICANA

## XXIII Cumbre Iberoamericana de Jefes de Estado y de Gobierno

Las conclusiones de la Cumbre han quedado reflejadas en un programa de acción que contiene una referencia a los derechos de Propiedad Industrial y su correcta protección y difusión como vectores de crecimiento y desarrollo.

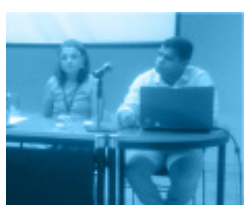
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## IV Jornadas para la Mejora en la Gestión de las Oficinas Nacionales de Propiedad Industrial

Este escenario permite aprovechar sinergias, compartir experiencias y conocer el punto de desarrollo de cada una de las oficinas nacionales de Propiedad Industrial

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## Propiedad Industrial y Transferencia Tecnológica: Experiencias de España y Colombia

El encuentro ha permitido conocer las experiencias realizadas en el ámbito universitario, la red de Transferencia de Tecnología y el mundo de la PI.

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## Encuestas de satisfacción a los usuarios de diferentes modalidades

Las encuestas realizadas sobre Modelos de Utilidad y de Patente Nacional y Sistema PCT evidencian un alto grado de aceptación de los servicios que presta la OEPM.

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# Noticias



**El Ministro de Agricultura, Alimentación y Medio Ambiente, Arias Cañete, destaca la labor de Vet+i**

El Presidente de Vet+i, Santiago de Andrés, expuso durante un encuentro con la cúpula del Ministerio de Agricultura las actividades y logros de Vet+i en materias de especial interés para el Ministerio como el uso responsable de los antibióticos en veterinaria, la compra pública innovadora, entre otros.

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**XII Reunión del Consejo Gestor.**

La disponibilidad y uso responsable de medicamentos veterinarios, la colaboración público-privada y la internacionalización de I+D+i en sanidad animal, fueron algunos de los temas que centraron esta nueva reunión del Consejo de la Plataforma.

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**Vet+i y el INIA promueven la participación española en el 'Horizon 2020' en el ámbito de la sanidad animal.**

Más de 100 profesionales del ámbito de la sanidad animal se dan cita en una Jornada enfocada a promover la colaboración público privada en I+D+i en vistas al "Horizon 2020".

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**Vetresponsable, una iniciativa de Vet+i, lanza la 'Guía de uso responsable de medicamentos veterinarios en Apicultura'**

La guía, que ya está disponible para su consulta en el portal web [www.vetresponsable.es](http://www.vetresponsable.es), contribuirá a fortalecer el uso adecuado de los medicamentos en un sector de importancia estratégica como es la apicultura.

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**Vet+i comprometida con la disponibilidad de medicamentos veterinarios en Acuicultura**

La Plataforma participó en una reunión organizada por FOESA para la elaboración del Plan Estratégico Plurianual de la Acuicultura Española, para hablar de disponibilidad de medicamentos en este sector.

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**Ministerio Economía y Competitividad - Ayudas Emplea**

Ayudas para la contratación y formación de tecnólogos para el desarrollo de actividades de I+D+i en empresas y otras entidades del sector empresarial.

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**Comisaria de Investigación e Innovación habla sobre 'Horizon 2020'**

La propuesta de la Comisión Europea para el horizonte 2020 es parte de la campaña por un nuevo crecimiento y el empleo en Europa.

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**Vet+i presenta la iniciativa 'Vetresponsable' el XXXIV Simposio de Anaporc**

La Plataforma Vet+i participó en este prestigioso acontecimiento científico-sanitario en el ámbito de la producción porcina a través de una ponencia sobre uso responsable de antibióticos.

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# Vet+i

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Proyecto financiado por:

