

# VT SANIDAD ANIMAL

# 29

**Vigilancia  
Tecnológica**  
1º trimestre 2018



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 Fundación Vet+i - Plataforma Tecnológica Española de Sanidad Animal, 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 boletín número veintinueve recoge una selección de las solicitudes de patentes publicadas a nivel internacional durante el primer trimestre de 2018 en el ámbito de la sanidad animal, las cuales aparecen distribuidas según la especie animal de aplicación de las mismas. Asimismo, se incorpora 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.

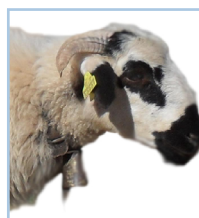
El boletín, que tiene una periodicidad trimestral, se enmarca dentro del convenio de colaboración suscrito por ambas organizaciones para facilitar, impulsar y estimular el conocimiento y la utilización de los derechos de Propiedad Industrial por parte de las organizaciones y empresas adheridas a la Fundación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



Équidos



Mascotas



Varios



Nº de Publicación	Solicitante	País de Origen	Contenido Técnico
MX 2016001161 A 20170725	Bionag S A P I de C V	Mexico	Composición veterinaria para uso intramamario e intramuscular en ganado bovino, que comprende una formulación y proceso de aplicación a base de nanopartículas de plata para el tratamiento de mastitis clínica, subclínica y crónica.
WO 2018045104 A1 20180308	Ohio State Innovation Foundation	USA	New substituted formamide compounds useful for mitigating at least one symptom of parasitic infection and mitigating infection or re-infection by parasite e.g. Leishmania arabica and Trypanosoma ambystomae
	Georgia State Univ Research Foundation		
	Werbovetz Karl A		
	Boykin David W		
	Farahat Abdelbasset		
	Abdulhameed Ahmed Chen Ching Shih		
WO 2017220708 A1 20171228	Prodigest Bvba	Belgium	Microbial Carotenoids Affecting Gut Microbial Composition
WO 2018043706 A1 20180308	Fujifilm Corp	Japan	Livestock Feed Or Livestock Supplement, Lactobacillus Bacteria Growth Promoter, And Lactobacillus Bacteria Growth Promotion Method

Nº de Publicación	Solicitante	País de Origen	Contenido Técnico
WO 2018045273 A2 20180308	The Brigham and Womens Hospital Inc	USA	Compositions And Methods For Treating Neoplasias
	Massachusetts Gen Hospital		
	Univ Pennsylvania		
	Ryan Russell J H		
	Bernstein Bradley E		
	Aster Jon		
	Pear Warren S		
RU 2016117539 A 20171110	Univ Belgorod Agric	Russian Federation	Agent used to treat sub-clinical mastitis of cows, comprises retinol acetate, alpha-tocopherol acetate, decamethoxin, clotrimazole, distilled glycerin, cetostearyl alcohol, Eumulgin B2, stearic acid, vegetable oil and purified water
US 2018015157 A1 20180118	Merial Inc	USA	Attenuated Pasteurella Multocida Vaccines & Methods Of Making & Use Thereof
WO 2018045249 A1 20180308	Medgenome Inc	USA	Methods To Analyze Genetic Alterations In Cancer To Identify Therapeutic Peptide Vaccines And Kits Therefore
WO 2017207481 A1 20171207	Bayer Animal Health GmbH	Germany	Substituted Indazoles Useful For Treatment And Prevention Of Allergic And/Or Inflammatory Diseases In Animals
	Bayer Pharma Ag		
CN 107569681 A 20180112	Harbin Veterinary Res Inst Caas	China	Bivalent inactivated vaccine used for potency test of cattle, comprises antigen and adjuvant, where antigen of vaccine is Pasteurella multocida capsular type A strain Pm-TJ and Pasteurella multocida capsular type B strain C45-2
	China Animal Husbandry Ind Co Ltd		
WO 2018026958 A1 20180208	The Univ Of Louisville Research Foundation Inc	USA	Targeted Nanodroplet Emulsions For Treating Cancer
RU 2016132302 A 20180208	All Russian Sci Res & Technological Inst	Russian Federation	Adsorbed-inactivated-dried vaccine useful for treating infectious bovine rhinotracheitis, comprises antigenic material from strain of homologous virus reproduced in biological system and subjected to inactivation, and adjuvant(s)

Nº de Publicación	Solicitante	País de Origen	Contenido Técnico
JP 2018039761 A 20180315	Cosmed Pharm Co Ltd	Japan	Preparation, preferably animal vaccine preparation useful for preventing communicable disease e.g. botulism, comprises solid micro-needle having acicular needle shape at both ends and comprising active drug substance
	Cosmedi Yg		
MX 2016003470 A 20170918	Casals Int Sa De Cv	Mexico	Identificación De Proteínas Inmunogénicas Para El Control De Ectoparasitos.
	Cent Investigación Asist Tech Queretaro		
WO 2018046997 A2 20180315	Saksin Lifesciences Pvt Ltd	India	Synthetic Antibodies Against Vegf And Their Uses
	Univ Toronto	Canada	
RU 2016123849 A 20171220	Far East Zone Res Veterinary Inst	Russian Federation	Treating catarrhal mastitis of lactating cows, comprises administering a medicament comprising procaine solution and additionally energy-information properties of drugs including mastometrine, travmatin and bicillin-3
WO 2018029487 A1 20180215	Norbrook Laboratories Ltd	United Kingdom	Moxidectin Topical Liquid Formulations
WO 2018045289 A1 20180308	Zon Leonard I	USA	Methods For Treatment Of Adenoid Cystic Carcinoma
	Joseph Mandelbaum		
WO 2018016523 A1 20180125	Univ Nagasaki	Japan	Novel Radioprotectant
CN 107569582 A 20180112	Ziyun Autonomous County Natural Deer Ind	China	Composition useful for treating tuberculosis in deer, contains Salvia plebeia, Eucalyptus leaves, cassia twig, cortex lycii radices, Tribulus terrestris, glabrous sarcandra herb, winter cherry and complex probiotics
RU 2642316 C1 20180124	Federalnoe Gosudarstvennoe Byudzhethnoe Nauchnoe Uchrezhdenie Prikaspijskij Zonalnyj Nauchno-Issledov	Russian Federation	Method For Production Of Vaccine Against Brucellosis Of Small Cattle

Nº de Publicación	Solicitante	País de Origen	Contenido Técnico
US 2017360923 A1 20171221	Merial Inc	USA	Salt used as adjuvant in vaccine composition for treating animal against infection or disease, and treating or preventing various diseases including diphtheria, whooping cough, yellow fever, chickenpox, measles, mumps, and rubella
	Sanofi Pasteur		
CN 107569489 A 20180112	Nantong Rongcheng Pharm Chem Co Ltd	China	Complex preparation useful for treating and preventing diseases caused by Escherichia coli and Salmonella, comprises ceftiofur sodium, fosfomicin sodium, sulbactam sodium, enrofloxacin sodium, lecithin, sorbitan fatty acid and polysorbate
CN 107586322 A 20180116	Univ Heilongjiang Bayi Agric	China	New infectious bovine rhinotracheitis virus gD protein antigen epitope peptide used in preparing detecting reagent, reagent box and medicine, and preparing vaccine for treating infectious bovine rhinotracheitis virus
WO 2017219106 A1 20171228	Yessinergy Holding S/A	Brazil	Immunomodulating And Growth-Promoting Composition Controlling The Population Of Undesirable Bacteria In The Intestinal Microbiota, And Use Thereof
CN 107619822 A 20180123	Shanghai Agric Sci Acad	China	New attenuated porcine epidemic diarrhea virus strain JS-PEDV-2-2014G100 useful for preparing attenuated vaccine against porcine epidemic diarrhea virus
CN 107625912 A 20180126	Guizhou Fanjingshan Agric High-Tech Co	China	Composition useful for treating bovine coccidiosis, contains fructus cnidii selinum, Brucea javanica, lemon, pomegranate rind, ebony, sweet wormwood, Ulmus macrocarpa, carbonized hair, plant soot, oyster, egg shell and pearl barley
WO 2018024153 A1 20180208	Novo Biotech Corp	China	Preparation Method And Use Of Recombinant Swine Fever E2 Protein And Subunit Vaccine Thereof

Nº de Publicación	Solicitante	País de Origen	Contenido Técnico
CN 107595785 A 20180119	Chengdu Qiankun Animal Pharm Co Ltd	China	Premix useful for preparing medicine for treating infectious diseases e.g. Mycoplasma pneumoniae disease of livestock and poultry, comprises tylosin phosphate and excipients containing anticaking agent, adsorbent, binder and diluent
CN 107625810 A 20180126	Chengdu Daofei Technology Co Ltd	China	Composition useful in preparing medicine for piglets, treating gastrointestinal bacterial infections and controlling the infection of the disease comprises Macleaya cordata total alkaloid extract and quinolone compound
CN 107595823 A 20180119	Chengdu Medical College	China	Use of geraniol in pharmaceutical composition for preparing medicine for treating acute, subacute or chronic clinical mastitis of dairy cow
	Univ Chengdu Tcm		
CN 107595852 A 20180119	Nantong Rongcheng Pharm Chem Co Ltd	China	Composite preparation useful for treating and preventing Escherichia coli and Salmonella, comprises ceftiofur sodium, ethyl cellulose, sulbactam sodium, superfine silica powder, lecithin, fatty acid sorbitan ester and polysorbate
CN 107445977 A 20171208	Jiangxi Aoxin Biotechnology Co Ltd	China	Water-Soluble Marbofloxacin As Well As Preparation Method And Application Thereof
	Fujian Aonong Biological Tech Group Co Ltd		
CN 107596031 A 20180119	Hu B	China	Chinese herbal medicine for preventing and treating piglet Escherichia coli disease, comprises natural allicin emulsifier comprising purified water, edible emulsifying agent and allicin, which enables to promote gastrointestinal motility
KR 20180014145 A 20180207	Univ Nat Chonnam Ind Found	South Korea	An Antimicrobial Composition Comprising Green Tea Seed Saponin

Nº de Publicación	Solicitante	País de Origen	Contenido Técnico
<a href="#">US 2018021424 A1</a> <a href="#">20180125</a>	Zoetis Services Llc	USA	Liposome useful for inducing immune response against bovine viral diarrhea virus, and preventing Eimeria oocyst shedding in poultry animal infected with Eimeria comprises external lipid bilayer membrane and internal compartment
<a href="#">CN 107286236 A</a> <a href="#">20171024</a>	Inst Animal Husbandry & Veterinary Fujian Academy of Agricultural Sciences	China	Anti-PEDV (Porcine Epidemic Diarrhea Virus) Monoclonal Antibody And Chemiluminescence Detection Method Thereof
<a href="#">CN 107513088 A</a> <a href="#">20171226</a>	Zhejiang Hisun Pharm Co Ltd	China	Tenvermectin Derivatives And Anti-Parasitic Function Of Tenvermectin Derivatives
<a href="#">WO 2017209658 A1</a> <a href="#">20171207</a>	T-Helper Cell Tech Llc	Russian Federation	Stem Cell Material, Compositions, And Methods Of Use
<a href="#">WO 2018022881 A2</a> <a href="#">20180201</a>	Univ Texas	USA	Methods For Identifying Lirb-Blocking Antibodies
<a href="#">CN 107412667 A</a> <a href="#">20171201</a>	Lanzhou Inst Animal Science & Veterinary Pharmaceuticals Caas	China	Preparation Method For Nipple Disinfectant Special For Dairy Cow
<a href="#">CN 107502603 A</a> <a href="#">20171222</a>	Jiangsu Acad Agricultural Sci	China	Escherichia Coli Lyase As Well As Preparation Method And Application Thereof
<a href="#">CN 107519156 A</a> <a href="#">20171229</a>	Chengdu Medical College	China	Use of citral in form of trans-citral e.g. geranial or cis-citral e.g. neral for preparing medicine or pharmaceutical composition in form of injection, for treating acute, subacute or chronic clinical mastitis in dairy cows
<a href="#">CN 107412367 A</a> <a href="#">20171201</a>	Ren Hongyi	China	Bio-Preparation For Preventing And Treating Respiratory Tract Diseases Of Livestock And Poultry
<a href="#">CN 107441267 A</a> <a href="#">20171208</a>	Aba Prefecture Animal Husbandry Science And Tech Research Institute	China	Medicinal Composition For Preventing Livestock Diarrhea
<a href="#">CN 107468863 A</a> <a href="#">20171215</a>	Ziyun Autonomous County Natural Deer Ind Exploitation Co Ltd	China	Composition For Preventing Deer Brucellosis
<a href="#">CN 107496424 A</a> <a href="#">20171222</a>	Luoyang Ruihua Animal Health Products Co Ltd	China	Medicinal Preparation And Medicament Kit Used For Treating Colibacillosis Of Livestock And Poultry



Nº de Publicación	Solicitante	País de Origen	Contenido Técnico
<a href="#">KR 20170141376 A 20171226</a>	Republic Of Korea(Management : Rural Dev Administration)	South Korea	A Pharmaceutical Composition For Treating A Necrotic Enteritis Of An Animal Containing A Bee Venom
<a href="#">CN 107412763 A 20171201</a>	Guangdong Yuyue Biotechnology Co Ltd	China	Inactivated Vaccine Of Porcine Epidemic Diarrhea Virus And Preparation Method Of Inactivated Vaccine
<a href="#">CN 107412257 A 20171201</a>	Hohhot Minzu College	China	Dairy Cow Nipple Medicated Bath Agent As Well As Preparation Method And Application Thereof
<a href="#">CN 107397931 A 20171128</a>	Anqing Kekuang Animal Pharmaceutical Co Ltd	China	Veterinary Herbal Medicine For Treating Rex Rabbit Coccidiosis
<a href="#">CN 107519248 A 20171229</a>	Lanzhou Inst Of Husbandry And Pharmaceutical Sciences Of Caas	China	Traditional Chinese Medicine Perfusate For Treating Cow Mastitis As Well As Preparation And Application Method Thereof
<a href="#">CN 107304416 A 20171031</a>	Beijing Vica Biotechnology Co Ltd	China	Porcine Epidemic Diarrhea Virus And Culture Method And Application Thereof
<a href="#">US 2018028422 A1 20180201</a>	Kravchenko Iryna	USA	Composition With Insect Repellent Activity
<a href="#">WO 2017221075 A1 20171228</a>	Univ Saskatchewan	Canada	Pv-Deleted Bobine Adenovirus
<a href="#">EP 3263710 A1 20180103</a>	Ipsen Biopharm Ltd	United Kingdom	Production Of Activated Clostridial Neurotoxins
<a href="#">WO 2017214683 A1 20171221</a>	Gretals Australia Pty Ltd	Australia	Methods And Compositions For The Treatment Or Prophylaxis Of An Ectoparasitic Infestation
<a href="#">CN 107519174 A 20171229</a>	Nantong Rongcheng Medicine Chemical Co Ltd	China	Novel Ceftiofur Sodium Compound Preparation





# VT Ovino y Caprino



Nº de Publicación	Solicitante	País de origen	Contenido Técnico
WO 2018045104 A1 20180308	Ohio State Innovation Foundation	USA	New substituted formamidine compounds useful for mitigating at least one symptom of parasitic infection and mitigating infection or re-infection by parasite e.g. Leishmania arabica and Trypanosoma ambystomae
	Georgia State Univ Research Foundation		
	Werbovetz Karl A		
	Boykin David W		
	Farahat Abdelbasset		
	Abdulhameed Ahmed		
WO 2018046997 A2 20180315	Saksin Lifesciences Pvt Ltd	India	Synthetic Antibodies Against Vegf And Their Uses
	Univ Toronto	Canada	
WO 2017220708 A1 20171228	Prodigest Bvba	Belgium	Microbial Carotenoids Affecting Gut Microbial Composition
WO 2018043597 A1 20180308	Nihon Nohyaku Co Ltd	Japan	Compounds or n-oxide or salts thereof, agricultural/horticultural insecticide for controlling pest in plant or soil, for controlling ectoparasite and endoparasite in animals e.g. dog, cat, cattle and sheep
WO 2018039087 A1 20180301	Gregg John Malcolm Hall	USA	Antimicrobial drug methods of use & therapeutic compositions
CN 107569489 A 20180112	Nantong Rongcheng Pharm Chem Co Ltd	China	Complex preparation useful for treating and preventing diseases caused by Escherichia coli and Salmonella, comprises ceftiofur sodium, fosfomycin sodium, sulbactam sodium, enrofloxacin sodium, lecithin, sorbitan fatty acid and polysorbate
CN 107537024 A 20180105	Univ Shihezi	China	Composition useful in treating hybrid disk bashi-bai sheep and goat sheep mycoplasma pneumonia

Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">CN 107595785 A</a> <a href="#">20180119</a>	Chengdu Qiankun Animal Pharm Co Ltd	China	Premix useful for preparing medicine for treating infectious diseases e.g. Mycoplasma pneumoniae disease of livestock and poultry, comprises tylosin phosphate and excipients containing anticaking agent, adsorbent, binder and diluent
<a href="#">CN 107445977 A</a> <a href="#">20171208</a>	Jiangxi Aoxin Biotechnology Co Ltd Fujian Aonong Biological Tech Group Co Ltd	China	Water-Soluble Marbofloxacin As Well As Preparation Method And Application Thereof
<a href="#">CN 107596031 A</a> <a href="#">20180119</a>	Hu B	China	Chinese herbal medicine for preventing and treating piglet Escherichia coli disease, comprises natural allicin emulsifier comprising purified water, edible emulsifying agent and allicin, which enables to promote gastrointestinal motility
<a href="#">KR 20180014145 A</a> <a href="#">20180207</a>	Univ Nat Chonnam Ind Found	South Korea	An antimicrobial composition comprising green tea seed saponin
<a href="#">WO 2017213210</a> <a href="#">A1 20171214</a>	Takeda Pharmaceuticals Co	Japan	Heterocyclic compound
<a href="#">US 2018021424 A1</a> <a href="#">20180125</a>	Zoetis Services Llc	USA	Liposome useful for inducing immune response against bovine viral diarrhea virus, and preventing Eimeria oocyst shedding in poultry animal infected with Eimeria comprises external lipid bilayer membrane and internal compartment
<a href="#">CN 107513088 A</a> <a href="#">20171226</a>	Zhejiang Hisun Pharm Co Ltd	China	Tenvermectin Derivatives And Anti-Parasitic Function Of Tenvermectin Derivatives
<a href="#">WO 2018009912</a> <a href="#">A1 20180111</a>	Univ California	USA	Implants using ultrasonic waves for stimulating tissue
<a href="#">WO 2018022881</a> <a href="#">A2 20180201</a>	Univ Texas	USA	Methods For Identifying Lirb-Blocking Antibodies
<a href="#">CN 107412367 A</a> <a href="#">20171201</a>	Ren Hongyi	China	Bio-Preparation For Preventing And Treating Respiratory Tract Diseases Of Livestock And Poultry
<a href="#">CN 107468863 A</a> <a href="#">20171215</a>	Ziyun Autonomous County Natural Deer Ind Exploitation Co Ltd	China	Composition For Preventing Deer Brucellosis

Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">CN 107496424 A</a> <a href="#">20171222</a>	Luoyang Ruihua Animal Health Products Co Ltd	China	Medicinal Preparation And Medicament Kit Used For Treating Colibacillosis Of Livestock And Poultry
<a href="#">KR 20170141376 A</a> <a href="#">20171226</a>	Republic Of Korea(Management : Rural Dev Administration)	South Korea	A Pharmaceutical Composition For Treating A Necrotic Enteritis Of An Animal Containing A Bee Venom
<a href="#">WO 2018006080</a> <a href="#">A1 20180104</a>	Evolve Biosystems Inc	USA	Method For Facilitating Maturation Of The Mammalian Immune System
<a href="#">WO 2017221075</a> <a href="#">A1 20171228</a>	Univ Saskatchewan	Canada	Pv-Deleted Bobine Adenovirus
<a href="#">WO 2017214683</a> <a href="#">A1 20171221</a>	Gretals Australia Pty Ltd	Australia	Methods And Compositions For The Treatment Or Prophylaxis Of An Ectoparasitic Infestation
<a href="#">CN 107519174 A</a> <a href="#">20171229</a>	Nantong Rongcheng Medicine Chemical Co Ltd	China	Novel Ceftiofur Sodium Compound Preparation



Nº de Publicación	Solicitante	País de origen	Contenido Técnico
WO 2018024677 A1 20180208	Hipra Scient S L U	Spain	Porcine reproductive and respiratory syndrome virus cDNA clone and uses thereof
	Consejo Superior De Investig Científicas (CSIC)		
CN 107625916 A 20180126	Hefei Shenren Breeding Co LTD	China	Traditional Chinese medicinal composition useful for treating chronic necrotizing gastroenteritis in pig, contains sword beans, immature bitter orange, Cyperus rotundus, malt, tuckahoe, fingered citron, and papaya
WO 2018045104 A1 20180308	Ohio State Innovation Foundation	USA	New substituted formamide compounds useful for mitigating at least one symptom of parasitic infection and mitigating infection or re-infection by parasite e.g. Leishmania arabica and Trypanosoma ambystomae
	Georgia State Univ Research Foundation		
	Werbovetz Karl A		
	Boykin David W		
	Farahat Abdelbasset		
	Abdulhameed Ahmed		
Chen Ching Shih			
CN 107625941 A 20180126	Hefei Shenren Breeding Co LTD	China	Traditional Chinese medicine used for treating swine transmissible gastroenteritis includes trifoliolate orange, green tangerine orange peel, Akebia trifoliata, Notopterygium root, Corydalis tuber, Salvia miltiorrhiza, olive and dried ginger
WO 2017222940 A1 20171228	Lilly Co Eli	USA	Pegylated porcine interferon and methods of use thereof
	Ambrx Inc	USA	

Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">WO 2018043597 A1</a> <a href="#">20180308</a>	Nihon Nohyaku Co Ltd	Japan	Compounds or n-oxide or salts thereof, agricultural/horticultural insecticide for controlling pest in plant or soil, for controlling ectoparasite and endoparasite in animals e.g. dog, cat, cattle and sheep
<a href="#">CN 107556380 A</a> <a href="#">20180109</a>	Univ South China Agric	China	Reducing non-specific antibody against polyclonal antibody to porcine circovirus by obtaining PK-15 cell residue, coating culture plate with e.g. rat serum solution, diluting antibody, centrifuging cells, and adding serum-coated plates
	Zhaoqing Dahuanong Biological Pharm Co		
<a href="#">CN 107574182 A</a> <a href="#">20180112</a>	Univ Northwest A & F	China	Film-type porcine circovirus type 2 recombinant adenovirus shuttle vector used for preparing porcine circovirus type 2 genetic engineering vaccine, is adenovirus shuttle plasmid, which is inserted with gene fragment of interest
<a href="#">WO 2017219106 A1</a> <a href="#">20171228</a>	Yessinergy Holding S/A	Brazil	Immunomodulating and growth-promoting composition controlling the population of undesirable bacteria in the intestinal microbiota, and use thereof
<a href="#">WO 2018000722 A1</a> <a href="#">20180104</a>	Pulike Biological Eng Inc	China	Vaccine composition for preventing porcine reproductive and respiratory syndrome, preparation method therefor and use thereof
<a href="#">KR 20180010644 A</a> <a href="#">20180131</a>	Republic Of Korea Animal And Plant Quarantine Agency	South Korea	Transformed E. Coli producing heat labile toxins LT and heat stable toxinst for postweaing diarrhea vaccine in pigs and vaccine composition comprising enterotoxins produced by the same
	Chungbuk National Univ Industry Academic Cooperation Foundation		
	Choong Ang Vaccine Lab		

Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">CN 107661489 A</a> <a href="#">20180206</a>	Shangqiu Meilan Biological Eng Co LTD	China	Traditional Chinese medicinal immunopotentiator used as diluent in agent for e.g. treating classical swine fever, and enhancing immunity in pig, comprises mixed solution of e.g. Achyranthes root polysaccharide, and thymopentin
<a href="#">CN 107648398 A</a> <a href="#">20180202</a>	Tianjin Rebate Sci & Technology Dev CO	China	Traditional Chinese medicinal composition useful for e.g. treating gastrointestinal edema disease caused by Escherichia coli in piglet, contains large-headed Atractylodes rhizome, Akebia quinata, rhizoma coptidis, and medicated leaven
<a href="#">CN 107586780 A</a> <a href="#">20180116</a>	Lanzhou Veterinary Res Inst China Agric	China	New long non-coding RNA used in preparing medicament for preventing or treating porcine reproductive and respiratory syndrome virus
<a href="#">US 2017360923 A1</a> <a href="#">20171221</a>	Merial Inc	USA	Salt used as adjuvant in vaccine composition for treating animal against infection or disease, and treating or preventing various diseases including diphtheria, whooping cough, yellow fever, chickenpox, measles, mumps, and rubella
	Sanofi Pasteur		
<a href="#">CN 107537034 A</a> <a href="#">20180105</a>	Pulike Biological Eng Inc	China	Vaccine composition used for e.g. treating porcine pseudorabies, comprises antigens with respect to porcine reproductive
<a href="#">CN 107569489 A</a> <a href="#">20180112</a>	Nantong Rongcheng Pharm Chem Co Ltd	China	Complex preparation useful for treating and preventing diseases caused by Escherichia coli and Salmonella, comprises ceftiofur sodium, fosfomicin sodium, sulbactam sodium, enrofloxacin sodium, lecithin, sorbitan fatty acid and polysorbate

Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">CN 107625779 A</a> <a href="#">20180126</a>	Luoyang Ruihua Animal Health Prod Co LTD	China	Pharmaceutical formulation useful for preparing medicine for inhibiting porcine reproductive and respiratory syndrome virus replication, comprises acidic additives, acetyliso-valeryltylosin tartrate and stabilizer
<a href="#">CN 107595852 A</a> <a href="#">20180119</a>	Nantong Rongcheng Pharm Chem Co Ltd	China	Composite preparation useful for treating and preventing Escherichia coli and Salmonella, comprises ceftiofur sodium, ethyl cellulose, sulbactam sodium, superfine silica powder, lecithin, fatty acid sorbitan ester and polysorbate
<a href="#">CN 107739402 A</a> <a href="#">20180227</a>	Shanghai Veterinary Inst Chinese Acad Ag	China	New antigenic epitope of classical swine fever virus (CSFV) Erns protein which reacts with CSFV without reacting with pCold-TF empty vector or Vero cells useful for treating or preventing CSFV
<a href="#">EP 3254692 A1</a> <a href="#">20171213</a>	Ceva Santé Animale	France	New recombinant swinepox virus useful in composition for immunizing porcine against pathogen e.g. Actinobacillus pleuropneumoniae, Balantidium coli, or African swine fever virus, comprises first and second defective viral genes
<a href="#">WO 2017222935 A1</a> <a href="#">20171228</a>	Kansas State Univ Research Foundation	USA	Small molecule therapeutic inhibitors against picornaviruses, caliciviruses, and coronaviruses
	Wichita State Univ		
<a href="#">WO 2018024153 A1</a> <a href="#">20180208</a>	Novo Biotech Corp	China	Preparation method and use of recombinant swine fever e2 protein and subunit vaccine thereof
<a href="#">CN 107625960 A</a> <a href="#">20180126</a>	Jiangsu Agric Sci Inst	China	Escherichia coli vaccine useful for protecting enterotoxigenic Escherichia F4, F5, F6, F41 and O139 attacks of pig, comprises periplasmic chaperone protein Skp, MltA-related protein MipA and fusion protein



Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">WO 2018033082 A1</a> <a href="#">20180222</a>	Sunshine Lake Pharma Co Ltd	China	Inhibitors of influenza virus replication, application methods and uses thereof
<a href="#">CN 107596031 A</a> <a href="#">20180119</a>	Hu B	China	Chinese herbal medicine for preventing and treating piglet Escherichia coli disease, comprises natural allicin emulsifier comprising purified water, edible emulsifying agent and allicin, which enables to promote gastrointestinal motility
<a href="#">KR 20180014145 A</a> <a href="#">20180207</a>	Univ Nat Chonnam Ind Found	South Korea	An antimicrobial composition comprising green tea seed saponin
<a href="#">KR 20170141493 A</a> <a href="#">20171226</a>	Republic Of Korea(Animal And Plant Quarantine Agency)	South Korea	New porcine reproductive and respiratory syndrome virus European-type E38 strain, useful in antibody and vaccine composition for preventing and porcine reproductive and respiratory syndrome
<a href="#">US 2018021424 A1</a> <a href="#">20180125</a>	Zoetis Services Llc	USA	Liposome useful for inducing immune response against bovine viral diarrhea virus, and preventing Eimeria oocyst shedding in poultry animal infected with Eimeria comprises external lipid bilayer membrane and internal compartment
<a href="#">CN 107619435 A</a> <a href="#">20180123</a>	Shanghai Veterinary Inst Chinese Acad Ag	China	Swine fever virus antigenic epitope used in antibody and antigenic composition for preparing medicine for treating or preventing classical swine fever virus and antiserum, reacts with Classical swine fever, and not with PK-15 cells
<a href="#">CN 107325188 A</a> <a href="#">20171107</a>	Tangshan Yian Biological Eng Co Ltd Beijing Jiahua Daiwei Biotechnology Co Ltd	China	Construction method of CHO cell strain by fusing porcine serum protein and porcine circovirus Cap2 protein and application thereof
<a href="#">WO 2017200484 A1</a> <a href="#">20171123</a>	Temasek Life Sciences Laboratory Ltd	Singapore	Multivalent vaccines against major swine viral diseases

Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">CN 107496609 A</a> <a href="#">20171222</a>	Qingdao Xnoba Biological Tech Co Ltd		Traditional Chinese veterinary medicine material for resisting diseases of piglets and preparation method of traditional Chinese veterinary medicine material
<a href="#">CN 107691782 A</a> <a href="#">20180216</a>	Beijing Vocational College Agric	China	Pig oral liquid useful for preventing yellow and white dysentery in piglets, comprises probiotics, water soluble vitamin powder, multi enzyme powder, edible lactic acid and sterilized drinking water
<a href="#">CN 107286236 A</a> <a href="#">20171024</a>	Inst Animal Husbandry & Veterinary Fujian Academy of Agricultural Sciences	China	Anti-PEDV (Porcine Epidemic Diarrhea Virus) Monoclonal Antibody And Chemiluminescence Detection Method Thereof
<a href="#">CN 107513088 A</a> <a href="#">20171226</a>	Zhejiang Hisun Pharm Co Ltd	China	Tenvermectin Derivatives And Anti-Parasitic Function Of Tenvermectin Derivatives
<a href="#">CN 107468939 A</a> <a href="#">20171215</a>	Anhui Province Suzhou City Minhui Breeding Co Ltd	China	Drug used for treating swine foot-and-mouth disease
<a href="#">WO 2018022881 A2</a> <a href="#">20180201</a>	Univ Texas	USA	Methods For Identifying Liltrb-Blocking Antibodies
<a href="#">CN 107337718 A</a> <a href="#">20171110</a>	Inst Animal Science & Veterinary Medicine Shandong Aas	China	Gene for encoding Cap protein of porcine circovirus 2 and application thereof
<a href="#">CN 107353349 A</a> <a href="#">20171117</a>	Anhui Jiuchuan Biotechnology Co Ltd	China	Fusion protein used in recombinant porcine long-acting interferon for improving immune response in pig, comprises porcine interleukin 2 and porcine interferon alpha, where fusion protein comprises three hundred ninety two amino acids
<a href="#">CN 107375920 A</a> <a href="#">20171124</a>	China Agricultural Vet Bio Science And Tech Co Ltd	China	Porcine reproductive and respiratory syndrome virus-swine influenza virus reconstructed virion vaccine as well as preparation method and application thereof
<a href="#">CN 107513506 A</a> <a href="#">20171226</a>	Pulike Biological Eng Inc	China	Mycoplasma hyopneumoniae, vaccine composition and application thereof

Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">CN 107468707 A</a> <a href="#">20171215</a>	Univ Sun Yat Sen	China	Application of chlorine dioxide to prevention and control of porcine reproductive and respiratory syndrome
<a href="#">CN 107353347 A</a> <a href="#">20171117</a>	Wuhu Yingte Feier Biological Products Industry Res Institute Co Ltd	China	Fusion protein used in recombinant porcine long-acting interferon for improving immune response in pig, comprises porcine albumin, and porcine interferon gamma and alpha, where fusion protein comprises nine hundred ninety five amino acids
<a href="#">CN 107412367 A</a> <a href="#">20171201</a>	Ren Hongyi	China	Bio-Preparation For Preventing And Treating Respiratory Tract Diseases Of Livestock And Poultry
<a href="#">CN 107496913 A</a> <a href="#">20171222</a>	Tianjin Ringpu Biotechnology Co Ltd	China	Preparation method of triple inactivated vaccine for swine erysipelas, porcine parvovirus and swine influenza virus
<a href="#">CN 107496424 A</a> <a href="#">20171222</a>	Luoyang Ruihua Animal Health Products Co Ltd	China	Medicinal Preparation And Medicament Kit Used For Treating Colibacillosis Of Livestock And Poultry
<a href="#">KR 20170141376 A</a> <a href="#">20171226</a>	Republic Of Korea(Management : Rural Dev Administration)	South Korea	A Pharmaceutical Composition For Treating A Necrotic Enteritis Of An Animal Containing A Bee Venom
<a href="#">CN 107308107 A</a> <a href="#">20171103</a>	Shandong Zhongmu Veterinary Pharmaceutical Co Ltd	China	Long-acting injection useful to treat swine asthma comprises oxytetracycline, sodium formaldehyde sulfoxylate, propylene glycol, magnesium chloride, pullulan-polyglutamic acid crosslinked polymer, honeysuckle extract and buckwheat extract
<a href="#">CN 107397814 A</a> <a href="#">20171128</a>	Tiandong Xiongui Animal Husbandry Co Ltd	China	Medicine for treating pig leptospirosis and preparation method thereof
<a href="#">CN 107365720 A</a> <a href="#">20171121</a>	Guangdong Haid Animal Husbandry And Veterinary Res Institute Co Ltd Sichuan Hailinge Biological Pharmaceutical Co Ltd	China	New Haemophilus parasuis in preparing medicine as inactivated vaccine, monovalent vaccine for preventing and treating

Nº de Publicación	Solicitante	País de origen	Contenido Técnico
CN 107488612 A 20171219	Inst Of Animal Husbandry And Veterinary Medicine Henan Academy Of Agricultural Sciences	China	Porcine mycoplasma pneumoniae and application of porcine mycoplasma pneumoniae
KR 101818901 B1 20180116	Woogene B&G Co Ltd	South Korea	Inactivated vaccine composition used for preventing or treating swine pneumonia caused by Actinobacillus pleuropneumoniae, composition comprises N-terminal fragment of the ApxIA toxin and an N-terminal fragment of the ApxIIA toxin



Nº de Publicación	Solicitante	Pais de origen	Contenido Técnico
<a href="#">WO 2017216180 A1</a> <a href="#">20171221</a>	Boehringer Ingelheim Vetmedica Gmbh	Germany	Vaccine against infectious Bronchitis virus
<a href="#">WO 2017216287 A1</a> <a href="#">20171221</a>	Intervet Int Bv	Netherlands	Recombinant non-pathogenic maret's disease virus constructs encoding infectious Laryngotracheitis virus and Infectious bursal disease virus antigens
	Intervet Inc	USA	
<a href="#">CN 107625959 A</a> <a href="#">20180126</a>	Jinshui C	China	Avian coccidiosis vaccine stabilizer for immunizing against drops or drinking water, comprises edible glue, sodium alginate, sodium polyacrylate, edible pigment and ginseng leaf extract, and improves establishment of chicken cocci immunity
<a href="#">US 2018008698 A1</a> <a href="#">20180111</a>	Univ Auburn	USA	Adaptation of attenuated infectious bronchitis virus (ibv) to embryonic kidney cells and vaccine thereby produced
<a href="#">WO 2017210244 A1</a> <a href="#">20171207</a>	Zoetis Services Llc	USA	Immunogenic composition used e.g. to prevent turkey rhinotracheitis (TRT) and infectious bronchitis (IB) in poultry, comprises antigen comprising TRT or IB antigen, and adjuvant comprising immunostimulatory oligonucleotide and oil emulsion
<a href="#">CN 107551042 A</a> <a href="#">20180109</a>	Ge H	China	Traditional Chinese medicinal formulation useful for preventing and treating salmonellosis disease of chicken, contains pine needle, towel gourd leaves, Paulownia flower, Lycopodium clavatum, Geranium wilfordii and Gelsemium elegans

Nº de Publicación	Solicitante	Pais de origen	Contenido Técnico
<a href="#">CN 107653231 A</a> <a href="#">20180202</a>	Henan Inst Sci & Technology	China	New duck-derived coronavirus attenuated strain IBV DCV35 useful for preparing immunity medicine
<a href="#">WO 2018039087 A1</a> <a href="#">20180301</a>	Gregg John Malcolm Hall	USA	Antimicrobial drug methods of use & therapeutic compositions
<a href="#">CN 107551268 A</a> <a href="#">20180109</a>	Guonian Ind Co LTD	China	Adjuvant useful for poultry Newcastle disease vaccines comprises oil agent, emulsifying agent, pectin extract, buffer and surfactant, where the antigen liquid includes three virus strains
<a href="#">CN 107557346 A</a> <a href="#">20180109</a>	Univ Henan Agric	China	New H9-subtype low pathogenic avian influenza virus useful e.g. in preparation of antigenic agent for diagnosing H9 avian influenza virus, and antiserum reagent for treating H9 subtype avian influenza virus and preventing birds flu
<a href="#">KR 20170142336 A</a> <a href="#">20171228</a>	Il Yang Pharm Co Ltd	South Korea	New hemagglutinin protein variant of H7N9 Avian Influenza virus used in vaccine composition for treating or preventing H7N9 Avian Influenza virus infection, encoding by polynucleotide comprising specific base pair sequence
<a href="#">US 2017360923 A1</a> <a href="#">20171221</a>	Merial Inc	USA	Salt used as adjuvant in vaccine composition for treating animal against infection or disease, and treating or preventing various diseases including diphtheria, whooping cough, yellow fever, chickenpox, measles, mumps, and rubella
	Sanofi Pasteur		
<a href="#">CN 107557375 A</a> <a href="#">20180109</a>	Hebei Kexing Pharm Co LTD	China	Constructing strains with co-expression of double genes e.g. temperature sensitive haemagglutinin, by cloning using avian pathogenic Escherichia coli plasmid, amplifying and ligating genes, and transforming into plasmid expression strain

Nº de Publicación	Solicitante	Pais de origen	Contenido Técnico
WO 2017219106 A1 20171228	Yessinergy Holding S/A	Brazil	Immunomodulating and growth-promoting composition controlling the population of undesirable bacteria in the intestinal microbiota, and use thereof
KR 20170142369 A 20171228	Univ Konkuk Ind Coop Corp	South Korea	H5N9 Novel H5N9 recombinant influenza virus and vaccine composition comprising the same
CN 107603958 A 20180119	Tianjin Agric College	China	Constructing recombinant adenovirus expressing TM-1 gene and gD gene used for preventing respiratory disease in chickens, by cloning target genes into pDC315-EGFP shuttle vector, transfecting and subjecting to homologous recombination
CN 107630024 A 20180126	Harbin Veterinary Res Inst Caas	China	New gene encoding hemagglutinin protein of avian influenza virus useful for preparing avian influenza virus DNA vaccine, subunit vaccine or genetically engineering vaccine, and monoclonal antibody, has specific base pair sequence
EP 3263129 A1 20180103	Ceva Santé Animale	France	New Duck Enteritis Virus having inactive US4 and US5 genes, useful for vaccinating or immunizing chicken, preferably inducing protective immunity in chicken
CN 107595785 A 20180119	Chengdu Qiankun Animal Pharm Co Ltd	China	Premix useful for preparing medicine for treating infectious diseases e.g. Mycoplasma pneumoniae disease of livestock and poultry, comprises tylosin phosphate and excipients containing anticaking agent, adsorbent, binder and diluent
WO 2018002671 A1 20180104	Dairy Crest Ltd	United Kingdom	Composition for treatment of poultry
KR 20170142366 A 20171228	Univ Konkuk Ind Coop Corp	South Korea	H5N9 Novel H5N9 recombinant influenza virus and vaccine composition comprising the same



Nº de Publicación	Solicitante	Pais de origen	Contenido Técnico
US 2018009867 A1 20180111	Univ Nat Tsing Hua	Taiwan	Mutant chicken interleukin-1beta protein as chicken interleukin-1beta antagonist and uses thereof
WO 2018013530 A1 20180118	Univ Arkansas	USA	Poultry probiotic vaccine compositions and methods of use thereof
US 2018050058 A1 20180222	Korea Inst Sci & Tech	South Korea	Nucleic acid aptamer specifically binding to avian influenza virus subtype h5 and method of detecting avian influenza virus subtype h5 using the same
CN 107596031 A 20180119	Hu B	China	Chinese herbal medicine for preventing and treating piglet Escherichia coli disease, comprises natural allicin emulsifier comprising purified water, edible emulsifying agent and allicin, which enables to promote gastrointestinal motility
CN 107686847 A 20180213	Tianjin Agric College	China	Constructing recombinant adenovirus used for preparing biological product, for preventing newcastle disease and infectious laryngotracheitis in chicken, by amplifying HN gene and gD gene from Newcastle disease virus F48E9 strain
US 2018021424 A1 20180125	Zoetis Services Llc	USA	Liposome useful for inducing immune response against bovine viral diarrhea virus, and preventing Eimeria oocyst shedding in poultry animal infected with Eimeria comprises external lipid bilayer membrane and internal compartment
WO 2018035407 A1 20180222	Enbiotix Inc	USA	Bacteriophages for neutralizing toxins and methods of use thereof
CN 107513088 A 20171226	Zhejiang Hisun Pharm Co Ltd	China	Tenvermectin Derivatives And Anti-Parasitic Function Of Tenvermectin Derivatives
CN 107312736 A 20171103	Harbin Veterinary Res Institute Caas	China	Recombinant lactic acid bacterium strain capable of realizing fusion expression of infectious bursal disease virus (IBDV) VP2 protein and Salmonella outer membrane protein RCK and application thereof

Nº de Publicación	Solicitante	Pais de origen	Contenido Técnico
<a href="#">CN 107344968 A</a> <a href="#">20171114</a>	Guangzhou Youdi Bio Tech Co Ltd	China	Time-resolved fluoroimmunoassay method for detecting avian influenza virus H7N9
<a href="#">CN 107353328 A</a> <a href="#">20171117</a>	Shanghai Animal Epidemic Prevention And Control Center	China	Recombinational H9N2 subtype avian influenza virus-like particles as well as preparation method and application thereof
<a href="#">CN 107375458 A</a> <a href="#">20171124</a>	Qingdao Vland Biotech Inc	China	Traditional Chinese medicine compound for preventing and treating chicken colibacillosis, preparation method and application
	Qingdao Dongbao National Engineering And Tech Research Center Co Ltd		
<a href="#">CN 107469074 A</a> <a href="#">20171215</a>	China Agricultural Vet Bio Science And Tech Co Ltd	China	Live oocyst vaccine suspending agent for chicken coccidiosis
<a href="#">CN 107325166 A</a> <a href="#">20171107</a>	Univ Huazhong Agricultural	China	New recombinant protein encoded by Eimeria tenella surface antigen gene SAG6 used for preparing chicken coccidiosis resistance vaccine
<a href="#">CN 107412367 A</a> <a href="#">20171201</a>	Ren Hongyi	China	Bio-Preparation For Preventing And Treating Respiratory Tract Diseases Of Livestock And Poultry
<a href="#">CN 107412762 A</a> <a href="#">20171201</a>	Yebio Bioeng Co Ltd Qingdao	China	Newcastle disease, bird flu, bursa of Fabricius and avian adenovirus quadruple vaccine
<a href="#">CN 107496424 A</a> <a href="#">20171222</a>	Luoyang Ruihua Animal Health Products Co Ltd	China	Medicinal Preparation And Medicament Kit Used For Treating Colibacillosis Of Livestock And Poultry
<a href="#">CN 107519487 A</a> <a href="#">20171229</a>	Guonian Ind Co Ltd	China	New recombinant protein encoded by Eimeria tenella surface antigen gene SAG6 used for preparing chicken coccidiosis resistance vaccine
<a href="#">KR 20170141376 A</a> <a href="#">20171226</a>	Republic Of Korea(Management : Rural Dev Administration)	South Korea	A Pharmaceutical Composition For Treating A Necrotic Enteritis Of An Animal Containing A Bee Venom
<a href="#">CN 107475203 A</a> <a href="#">20171215</a>	Wuhan Keqian Biological Co Ltd	China	H7 avian influenza virus monoclonal antibody and application thereof

Nº de Publicación	Solicitante	Pais de origen	Contenido Técnico
<a href="#">CN 107384837 A</a> <a href="#">20171124</a>	Inst Of Animal Husbandry And Veterinary Medicine Henan Academy Of Agricultural Sciences	China	New chicken Mycoplasma synoviae HNMsy1 useful for preparing chicken Mycoplasma synoviae inactivated vaccine
<a href="#">KR 20170134159 A</a> <a href="#">20171206</a>	Univ Konkuk Ind Coop Corp	South Korea	An attenuated chicken Infectious laryngotracheitis virus and vaccine composition comprising the same
<a href="#">CN 107446859 A</a> <a href="#">20171208</a>	Inst Of Animal Husbandry And Veterinary Medicine Henan Academy Of Agricultural Sciences	China	New Mycoplasma gallisepticum strain HNMga1 useful for preparing Mycoplasma gallisepticum inactivated vaccine for preventing chronic respiratory disease of chicken f
<a href="#">CN 107488234 A</a> <a href="#">20171219</a>	Ruipu Baoding Biological Pharmaceutical Co Ltd	China	Aviadenovirus Hexon and chicken infectious bursal disease virus VP2 fusion antigen and subunit vaccine, and preparation method of aviadenovirus Hexon and chicken infectious bursal disease virus VP2 fusion antigen and subunit vaccine
<a href="#">CN 107523556 A</a> <a href="#">20171229</a>	Pulike Biological Eng Inc	China	New serotype 4 avian adenovirus FAV-HN strain (CCTCC V201609) used in preparation of medicament for preventing and treating avian adenovirus infection, preferably pericardial effusion syndrome
<a href="#">CN 107308447 A</a> <a href="#">20171103</a>	Guangzhou Boheng Biotechnology Co Ltd	China	Preparing bird flu virus, poultry adenovirus and avian reovirus triple inactivated vaccine comprises e.g. inoculating and culturing the virus, freeze thawing, centrifuging, detecting and emulsifying
<a href="#">CN 107460205 A</a> <a href="#">20171212</a>	Univ Jilin	China	Alphavirus replicon based chicken coccidiosis DNA vaccine and preparation method
<a href="#">CN 107320721 A</a> <a href="#">20171107</a>	Guangzhou Boheng Biology Tech Co Ltd	China	Vaccine Composition And Preparation Method Thereof
<a href="#">WO 2017214683 A1</a> <a href="#">20171221</a>	Gretals Australia Pty Ltd	Australia	Methods And Compositions For The Treatment Or Prophylaxis Of An Ectoparasitic Infestation



Nº de Publicación	Solicitante	Pais de origen	Contenido Técnico
<a href="#">US 2018008632 A1</a> <a href="#">20180111</a>	Benchmark Animal Health Ltd	United Kingdom	Treatment for Chitin-Containing Microorganisms
<a href="#">WO 2018035199 A1</a> <a href="#">20180222</a>	Pharmaq As	Norway	Sea lice vaccine
<a href="#">TW 201735795 A</a> <a href="#">20171016</a>	Wu Cheng-Hung	Taiwan	An application of Trichoderma to a preparation of a feed and/or a preparation for treating or preventing vibrio infection in a shrimp
<a href="#">CN 107568117 A</a> <a href="#">20180112</a>	Guangdong Haida Animal Husbandry & Veter	China	Immunizing fish, involves washing fish surface using surface-treatment solution, soaking surface-treated fish in immunizing solution containing carbomer, and feeding immunized fish using oral vaccine containing antacid components
<a href="#">WO 2018021745 A1</a> <a href="#">20180201</a>	Intron Biotechnology Inc	South Korea	Fishfarming feed comprising oil-coated bacteriophage and method for producing same
<a href="#">CN 107583047 A</a> <a href="#">20180116</a>	Guangdong Haida Animal Husbandry & Veter	China	Fish oral vaccine adjuvant comprises gastric acid resistant component, gastric digestive enzyme inhibitory component, component for promoting intestinal absorption and polysaccharide component
<a href="#">CN 107596363 A</a> <a href="#">20180119</a>	Cafs Yellow Sea Fisheries Res Inst	China	New Vibrio anguillarum trivalent inactivated vaccine useful for aquaculture fish, brackish water farming fish and vaccination of migratory fish
<a href="#">CN 107693785 A</a> <a href="#">20180216</a>	Cafs Yellow Sea Fisheries Res Inst	China	Vaccine useful for enhancing immunity of marine fish, brackish aquaculture fish and migratory fish, prepared using Pseudomonas anguilliseptica strain PLSH160511 isolated from <i>Verasper variegatus</i>

Nº de Publicación	Solicitante	Pais de origen	Contenido Técnico
<a href="#">CN 107523511 A</a> <a href="#">20171229</a>	Fisheries Res Institute Of Fujian	China	Bacillus amyloliquefaciens and application thereof
<a href="#">WO 2017213520</a> <a href="#">A1 20171214</a>	Aqua Health As	Norway	Peptides for the inhibition of parasite infection



# VTÉquidos

Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">WO 2018006750 A1 20180111</a>	Shanghai Qingliu Bio-Pharm Tech Co Ltd	China	Novel natural protein and application thereof
<a href="#">WO 2017218819 A1 20171221</a>	Merial Inc	USA	Novel immunogenic formulations comprising linear or branched polyacrylic acid polymer adjuvants
	Sanofi Pasteur	France	
<a href="#">WO 2018022881 A2 20180201</a>	Univ Texas	USA	Methods For Identifying LILrb-Blocking Antibodies
<a href="#">WO 2017210408 A1 20171207</a>	Celgene Corp	USA	Animal and human anti-trypanosomonal and anti-leishmania agents
<a href="#">NL 2017365 B1 20180301</a>	Lely Patent Nv	Netherlands	Method and device to detect lameness of a cow
<a href="#">AU 2017245310 A1 20171102</a>	Cell Ideas Pty Ltd	Australia	Stem cells and secretions for treatment of inflammatory conditions
<a href="#">WO 2018006080 A1 20180104</a>	Evolve Biosystems Inc	USA	Method For Facilitating Maturation Of The Mammalian Immune System



# VT Mascotas



Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">WO 2018045104</a> <a href="#">A1 20180308</a>	Ohio State Innovation Foundation	USA	New substituted formamide compounds useful for mitigating at least one symptom of parasitic infection and mitigating infection or re-infection by parasite e.g. Leishmania arabica and Trypanosoma ambystomae
	Georgia State Univ Research Foundation		
	Werbovetz Karl A		
	Boykin David W		
	Farahat Abdelbasset		
	Abdulhameed Ahmed Chen Ching Shih		
<a href="#">WO 2018029487</a> <a href="#">A1 20180215</a>	Norbrook Laboratories Ltd	United Kingdom	Moxidectin Topical Liquid Formulations
<a href="#">WO 2018048779</a> <a href="#">A1 20180315</a>	Childrens Medical Center	USA	Topical TRPV1 antagonists and methods and compositions thereof
<a href="#">MX 2016003470 A</a> <a href="#">20170918</a>	Casals Int Sa De Cv	Mexico	Identificacion De Proteinas Inmunogenicas Para El Control De Ectoparasitos.
	Cent Investigacion Asist Tech Queretaro		
<a href="#">WO 2017207481</a> <a href="#">A1 20171207</a>	Bayer Animal Health Gmbh	Germany	Substituted Indazoles Useful For Treatment And Prevention Of Allergic And/Or Inflammatory Diseases In Animals
	Bayer Pharma Ag		
<a href="#">US 2017367983 A1</a> <a href="#">20171228</a>	Boehringer Ingelheim Vetmedica Gmbh	Germany	Novel low concentration meloxicam tablets
<a href="#">MX 2015009763 A</a> <a href="#">20170130</a>	Univ Nac Autónoma De México	Mexico	Composicion farmaceutica de doxiciclina de liberacion extendida para uso veterinario.
<a href="#">US 2018066267 A1</a> <a href="#">20180308</a>	The Government Of The USA Secretary Of Homeland Security	USA	New polynucleotide capable of encoding fusion protein comprising luciferase, and interferon, cytokine, enzyme, or other polypeptide of interest used for e.g. treating malignant melanoma, hepatitis B, and feline herpesvirus 1 infection



Nº de Publicación	Solicitante	País de origen	Contenido Técnico
US 2017360923 A1 20171221	Merial Inc	USA	Salt used as adjuvant in vaccine composition for treating animal against infection or disease, and treating or preventing various diseases including diphtheria, whooping cough, yellow fever, chickenpox, measles, mumps, and rubella
	Sanofi Pasteur		
CN 107537033 A 20180105	Pulike Biological Eng Inc	China	Vaccine composition useful for preventing and/or treating canine parvovirus infection related diseases, comprises immunizing amount of canine parvovirus antigen, immunizing amount of other antigen and veterinarily acceptable carrier
EP 3259990 A1 20171227	Ceva Santé Animale	France	Methods for controlling ectoparasites in non-human mammals
WO 2018011738 A1 20180118	Univ Federal De Minas Gerais - Ufmg	Brazil	Method and kit for diagnosis of visceral Leishmaniasis using antigenic proteins from Leishmania infantum
	Fundação Butantan		
CN 107541501 A 20180105	Pulike Biological Eng Inc	China	New Canine parvovirus S0425 strain useful in treating diseases associated with canine parvovirus infection i.e. enteritis type and myocarditis type Canine parvovirus disease
AU 2017245310 A1 20171102	Cell Ideas Pty Ltd	Australia	Stem cells and secretions for treatment of inflammatory conditions
WO 2018022881 A2 20180201	Univ Texas	USA	Methods For Identifying LILRB-Blocking Antibodies
CN 107320720 A 20171107	Pulike Biological Eng Inc	China	Vaccine composition used for preventing and treating distemper related diseases comprises canine distemper virus antigen containing immune minimum dose and carrier
CN 107267531 A 20171020	Univ South China Agricult	China	Recombinant rabies virus carrying two G genes and H gene and application thereof

Nº de Publicación	Solicitante	País de origen	Contenido Técnico
<a href="#">WO 2017210408 A1 20171207</a>	Celgene Corp	USA	Animal and human anti-trypanosomal and anti-leishmania agents
<a href="#">NL 2017365 B1 20180301</a>	Lely Patent Nv	Netherlands	Method and device to detect lameness of a cow
<a href="#">US 2018028422 A1 20180201</a>	Kravchenko Iryna	USA	Composition With Insect Repellent Activity
<a href="#">WO 2018006080 A1 20180104</a>	Evolve Biosystems Inc	USA	Method For Facilitating Maturation Of The Mammalian Immune System
<a href="#">WO 2017221075 A1 20171228</a>	Univ Saskatchewan	Canada	Pv-Deleted Bobine Adenovirus
<a href="#">WO 2017214683 A1 20171221</a>	Gretals Australia Pty Ltd	Australia	Methods And Compositions For The Treatment Or Prophylaxis Of An Ectoparasitic Infestation



Nº de Publicación	Solicitante	Pais de origen	Contenido técnico
WO 2017220708 A1 20171228	Prodigest Bvba	Belgium	Microbial Carotenoids Affecting Gut Microbial Composition
CN 107569681 A 20180112	Harbin Veterinary Res Inst Caas	China	Bivalent inactivated vaccine used for potency test of cattle, comprises antigen and adjuvant, where antigen of vaccine is Pasteurella multocida capsular type A strain Pm-TJ and Pasteurella multocida capsular type B strain C45-2
	China Animal Husbandry Ind Co Ltd		
CN 107496474 A 20171222	Li Guirong	China	Medicine useful for e.g. treating chronic syphilis, comprises realgar, pig gall, snail, bee venom, centipede, spider, mole cricket, carp gall, Liquidambar orientalis, Bungarus fasciatus, Canis familiaris, calamine, musk, bear bile and snail
WO 2018006080 A1 20180104	Evolve Biosystems Inc	USA	Method For Facilitating Maturation Of The Mammalian Immune System
WO 2017221075 A1 20171228	Univ Saskatchewan	Canada	Pv-Deleted Bobine Adenovirus

# Noticias



**La OEPM cierra el año ofreciendo como dato más positivo el aumento del 3,3% en solicitudes de Signos Distintivos**

Las estadísticas provisionales de la OEPM correspondientes al ejercicio 2017 arrojan datos dispares sobre las solicitudes recibidas.

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**Fallo del Concurso de Carteles para el Día Mundial Antifalsificación 2018**

Un total de 52 fueron los trabajos recibidos; un éxito de participación en la senda de ediciones anteriores.

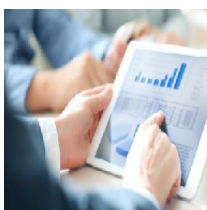
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**La OEPM mantiene sus dos certificados: Calidad y Vigilancia Tecnológica**

Para un organismo de la naturaleza de la OEPM, el reconocimiento público es vital de cara a transmitir la seriedad, confianza y profesionalidad que se le presupone.

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**La OEPM cierra el año aumentando el número de solicitudes de signos distintivos en un 3% y de diseños industriales en un 23%**

En el número anterior repasábamos las estadísticas provisionales de la OEPM correspondientes al ejercicio 2017. Ya tenemos los datos definitivos, por lo que vamos a intentar explicar algunas cosas que quedan fuera del alcance de los fríos números.

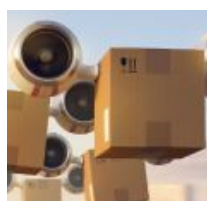
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**Reducción en las tasas de designación para España de Diseños Internacionales**

Si estás pensando en realizar una solicitud para el Registro de Diseños Internacionales, tenemos buenas noticias para ti.

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**Puesta en marcha del servicio de Diseño Exprés**

A fin de agilizar la presentación de diseños y para evitar los posibles problemas formales, en la Oficina Española de Patentes y Marcas (OEPM) ponemos en marcha este servicio.

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**Reunión PCT/MIA 2018 celebrada en la OEPM**

Como cada año por estas fechas, se reúnen en el MIA (Meeting of International Authorities) representantes de la OMPI y de las 23 Oficinas de Patentes que son Administraciones de Búsqueda Internacional del PCT (ISAs) con el objeto de debatir los aspectos más relevantes y actuales del Tratado de Cooperación en Materia de Patentes (PCT).

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**La OEPM en el Madrid Design Festival**

La cita, cuyos actos centrales se aglutinaron entre el 12 y el 16 del pasado mes, abarcó todas las disciplinas del diseño, desde la arquitectura al diseño gráfico pasando por la comunicación y el interiorismo, creando así un entorno creativo inigualable, multidisciplinar, contemporáneo, innovador, vital, entusiasta, activo y cambiante.

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# Noticias



Publicado el nuevo Boletín de Vigilancia Tecnológica (BVT) de Sanidad Animal, correspondiente al 4º trimestre de 2017  
El BVT nº28 incluye 236 solicitudes de patentes publicadas a nivel internacional, procedentes de 19 países.

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La Plataforma Vet+i cumple 10 años trabajando por la I+D+i en Sanidad Animal  
En estos años Vet+i se ha consolidado como un excelente instrumento de vertebración de todos los agentes públicos y privados del ámbito de la sanidad animal en nuestro país.

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Vet+i pasa a formar parte de la mayor red profesional de internet.

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La iniciativa 'Vetresponsable' en una nueva reunión en Bruselas de la Plataforma Europea sobre Uso Responsable de Medicamentos Veterinarios  
Vet+i estrecha su colaboración con la Plataforma Europea EPRUMA a través de su presencia en la reunión del "Core Group"

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La Fundación Vet+i es stakeholder de la Acción Conjunta Europea sobre Resistencias a los Antibióticos (AMR) EU-JAMRAI  
Vet+i trabajará en los diferentes grupos de trabajo de esta iniciativa con el objetivo de fortalecer el uso responsable de medicamentos veterinarios entre todas las partes interesadas a nivel europeo

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Gran éxito de la Jornada 'La I+D+i en Sanidad Animal en el CSIC-Novedades Plan Estatal de Investigación Científica y Técnica y de Innovación 2017-2020'  
La Fundación Vet+i organizó, junto con el Consejo Superior de Investigaciones Científicas (CSIC), la jornada a la que asistieron más 100 representantes de grupos de investigación y de empresas expertas en sanidad animal.

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La Fundación Vet+i, nuevo colaborador en Iberzoo Propet 2018  
Vet+i ha firmado un convenio con Iberzoo Propet, pasando a formar parte, como colaborador, de la organización, en la que está considerada la Feria anual de referencia para el sector veterinario de animales de compañía.

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Diez años trabajando por la internacionalización de la I+D+i en sanidad animal en España  
En estos años Vet+i ha conseguido impulsar multitud de actividades en el área de la internacionalización, como un mapping actualizado de ayudas en I+D+i en sanidad animal, el portal web Vetinnova al inglés, así como jornadas internacionales de interés para los expertos en sanidad animal de España

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