

Search history

Search 1: FT=(TUTORADO~) (Results 19)

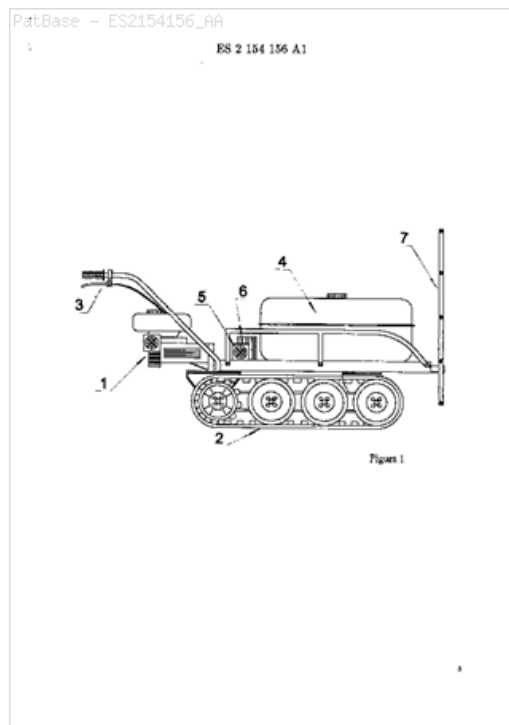
Title: Self-propelled distributor of phytosanitary products for horticulture crops with mechanical or electronic control of the application rate.

Abstract: Self-propelled applicator of phytosanitary products for horticulture crops with mechanical or electronic control of amounts applied. The applicator consists of a self-propelled mechanical traction system equipped with caterpillar drive. The components needed for the application of phytosanitary products are mounted on this traction equipment. The equipment can be used as a sprayer, atomiser or mister, alone or coupled to a fixed greenhouse phytosanitary product application system, providing control of amounts applied without depending on the operator in charge of application. This device provides greater distribution uniformity, which reduces the pest and disease control amounts applied, thus reducing risks as regards the environment and worker health, as well as reducing cultivation costs.

Classifications:

International (IPC 8-9): A01C23/00 A01M7/00 (Advanced/Invention);
A01C23/00 A01M7/00 (Core/Invention)

International (IPC 1-7): A01C23/00 A01M7/00



Family:

Publication number	Publication date	Application number	Application date
■ ES2154156 AA	20010316	ES19980001415	19980630
■ ES2154156 BA	20011116	ES19980001415	19980630

Priority:

ES19980001415 19980630

Probable Assignee: UNIV ALMERIA

Assignee(s): (std): UNIV ALMERIA

Assignee(s): UNIVERSIDAD DE ALMERIA

Inventor(s): (std): PEREZ ALCANTARA RAFAEL ; SANCHEZ HERMOSILLA LOPEZ JULIA

Inventor(s): SANCHEZ HERMOSILLA LOPEZ JULIAN

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES2154156 AA	20010316	LSPB	+	published / reissued	
ES2154156 AA	20010316	LSES	+EC2A	SEARCH REPORT PUBLISHED	DATE OF REF DOCUMENT : 20010316 KIND CODE OF REF DOCUMENT : A1 DESIGNATED STATE(S) : EFFECTIVE DATE : 20010316
ES2154156 BA	20011116	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2154156 BA	20181026	LSLE	-FD2A	ANNOUNCEMENT OF LAPSE IN SPAIN	EFFECTIVE DATE : 20181026
ES2154156 BA	20180630	PEXP		Calculated Patent Term Expiry	

Title: TUTOR ECOLÓGICO PARA APOIAR E ENCAMINHAR ÁRVORES PAS PLANTIO COM CAMARA INTERNA PARA ARMAZENAMENTO DE AGUA DE CHUVA PARA AUTO-REGA POR SISTEMA DE GOTEJAMENTO ECOLÓGICO TUTOR AND INTERNA PLANTING TREES TO SUPPORT FORWARD CHAMBER STORAGE BLADES WITH RAIN WATER TO SELF-DISCHARGES BY DRIP SYSTEM (Machine translation)

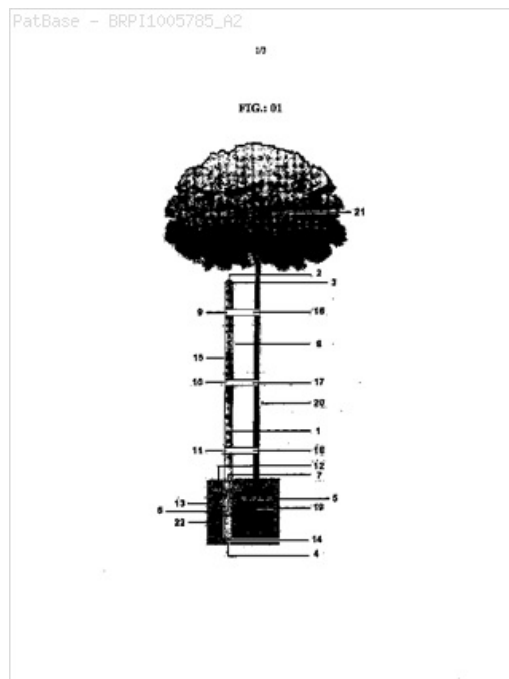
Abstract: Source: BRPI1005785A [PT] TUTOR ECOLÓGICO PARA APOIAR E ENCAMINHAR ÁRVORES PAS PLANTIO COM CAMARA INTERNA PARA ARMAZENAMENTO DE AGUA DE CHUVA PARA AUTO-REGA POR SISTEMA DE GOTEJAMENTO. A patente de invenção, que em apenas um elemento conjuga as funções de: Tutor para apoiar e conduzir árvores após o respectivo plantio, bem como durante seu longo processo de crescimento, e: coletor de água da chuva ou rega direcionada, por meio de sua Abertura Superior para Captação de Água da Chuva ou Rega (3), e: reservatório de água captada por ocasião das chuvas ou regas dirigidas, por meio de sua Câmara Central (2), a qual, estrategicamente, possui em seu interior, ao longo de toda a sua extremidade vertical (1), Espuma em Polipropileno/Gel Sólido Hidro-retentor (14) ou produto semelhante, os quais, igualmente, apresentam, nesta proposta, a função de: armazenar, frear e reter o fluxo de água, da chuva ou rega, a qual será, paulatinamente e lentamente, encaminhada diretamente ao raizame (19), através de sua Abertura Inferior da Câmara Central para Saída de Água da Chuva ou Rega para Rega por Sistema de Gotejamento (4), encharcando o subsolo (22), do exemplar **tutorado**, desencadeando o processo de auto-rega por sistema de gotejamento. O Tutor Ecológico é constituído de estrutura em aço armado, o qual é fixado a partir de amarras em arame e, preenchido por concreto em sua base (1), cujos insumos: areia e britas são recicladas a partir do reaproveitamento de resíduos inertes, descartados do ramo da construção civil em geral. Além de sua Câmara Central (2), o Tutor Ecológico, possui estrategicamente em sua parte inferior, os Estabilizadores Superior (12) e Inferior (13), os quais são acessórios avulsos fixados ao corpo do dito Tutor, por meio de encaixe, confeccionadas a partir de material sólido, porém, estrategicamente perecível, ex: madeira reciclada, a qual se decompõe com a umidade do solo. Tal propósito objetiva, com o passar do tempo, possibilitar a viabilidade da remoção vertical do E-cotutor, cuja a função, propõe manter o Tutor Ecológico estável, a partir de sua fixação ao subsolo, no momento do plantio, os quais encontram-se em posições transversais, um do outro, uma vez que este, localiza-se na base inferior do Tutor, os quais são encaixados, respectivamente, no Orifício Superior para Haste Estabilizadora (5) e Orifício Inferior para Haste Estabilizadora (6), impossibilitando-o de inclinar-se, pela inércia do vegetal em franco crescimento, garantindo a estabilidade e firmeza para o Eco-tutor, permitindo, que este, possa sustentar as ações morfológicas, decorrentes dos movimentos de crescimento e desenvolvimento da Raiz (19), Caule (20) e Copa (21), o que para isso, a árvore precisa ser fixada ao Tutor Ecológico através de seu Caule (20), em três pontos distintos do Eco-tutor com auxílio do Orifício para Fixação de Amarra Superior (9), Orifício para Fixação de Amarra Mediana (10), Orifício para Fixação de Amarra Superior (11) e por meio da Amarra em "8" Superior (16), Amarra em "8" Mediana (17) e Amarra em "8" Inferior (18), garantindo principalmente, as ações bruscas do vento sobre a Copa da Árvore (21). O Eco-tutor possui em sua extremidade inferior, nos primeiros 60 cm, Marcação para Submersão (7), cuja finalidade propõe, orientar o usuário, quanto ao ponto de limite de submersão do tutor em relação ao solo. Com a finalidade de identificação, origem e segurança do Eco-tutor, este, é provido de Identificação em Baixo Relevo (8), em sua parte superior, no concreto, com as iniciais do Município ou Empresa detentora; pois o Tutor Ecológico possui extensa vida útil e, pode ser alocado para um outro local após cumprir o seu papel de encaminhar a muda ou árvore em sua etapa vulnerável de crescimento, bem como possibilitar sua necessária localização, ou origem, por meio de seus dados contidos em seu Chip Eletrônico (15), em situações de inventário patrimonial ou arboreo da flora urbana, permitindo ainda inibir ações de roubo ou extravio.

Machine translation: TUTOR ECOLÓGICO FORWARD TO SUPPORT AND PLANTING TREES PAS WITH CAMERA INSIDE FOR RAIN WATER STORAGE FOR AUTO-DRIP IRRIGATION SYSTEM. The patent, in which only one element combines the functions of: Tutor to support and drive their trees after planting and during its long growth process, and: collector of water from rain or irrigation directed, through its Opening Superior to capture water from rain or irrigation (3), and: reservoir water captured on the occasion of the rains or waterings directed, through its Central Camera (2), which strategically features inside, along its entire vertical edge (1), Polypropylene Foam / Solid Hydro-Gel retainer (14) or similar product, which also feature in this proposal, the function of: storing, and retaining curb the flow of water, rain or irrigation, which will be gradually and slowly, sent directly to rooting (19), through its Open Lower Central Camera to Saída de Água Rain or Irrigation for Drip Irrigation System by (4), soaking the ground (22), of copy tutored, triggering the process of self-irrigation drip system. The Tutor Ecológico and consists of reinforced steel structure, which set and from moorings in wire and filled with concrete at its base (1), which supplies sand and gravel are recycled from the reuse of inert waste, discarded branch of the construction industry in general. Besides its Câmara Central (2), the Tutor Ecológico, has strategically on her bottom, the Superior Stabilizers (12) and Bottom (13), which are loose accessories attached to the body of said Tutor, through engagement, made from solid material, however, strategically perishable, eg wood reciclada, which is to decompose soil moisture. This objective purpose, over time, enable the feasibility of removal of vertical E-cotutor, whose function, proposes keeping Ecológico Tutor stable, from its fixation to the basement at the time of planting, which is enencontram at positions transverse to each other, since this, located on the lower base of the Tutor, which are embedded respectively in the top hole for Stabilizing rod (5) and lower hole for Stabilizing rod (6), preventing it to lean, the inertia of the vegetable growing rapidly, ensuring stability and firmness to the Eco-tutor, allowing this, can sustain the shares morphological, resulting from the movements of growth and development of the Root (19), Stem (20) and Cup (21), which to this, the tree needs to be fixed Tutor Ecológico through its Stem (20), at three different points of Eco-tutor with the aid of the attachment hole of Amarra Superior (9), attachment hole of Amarra Average (10), attachment hole of Amarra Superior (11) and through the Moors in "8" Superior (16), Mooring in 8 "Median (17) and Mooring in "8 "Bottom (18), ensuring mainly the shares sudden wind on Cup Tree. (21) Eco-tutor has at its lower end, the first 60 cm, Dials for submersion (7), whose purpose proposes, User guide, as far as to limit the submersion tutor in relation to the ground. Aiming at identification, origin and safety of Eco-tutor, this, and provided with ID in Bas Relief (8), on its top, in particular, with City or the initials of the Company holding, for the Tutor Ecológico has extensive and useful life, can be allocated to another location after fulfilling its role of transporting the tree or changes in their vulnerable stage of growth, and enable its necessary location, or origin, through its data on your Electronic Chip (15), in situations of inventory or asset Arboreo urban flora, allowing further inhibit actions of theft or loss.

Classifications:

International (IPC 8-9): A01G25/02 (Advanced/Invention)

CPC: Y02A40/237

**Family:**

Publication number	Publication date	Application number	Application date
BRPI1005785 A2	20130402	BR2010PI05785	20101222

Priority:

BR2010PI05785 20101222

Probable Assignee: GRECO NICOLA**Assignee(s): (std):** GRECO NICOLA**Assignee(s):** NICOLA GRECO**Inventor(s): (std):** FERNANDES MARCAL EMIR ; GRECO NICOLA**Inventor(s):** NICOLA GRECO ; EMIR FERNANDES MARCAL**Legal status (INPADOC)**[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
BRPI1005785 A2	20130402	LSPB	B03A	PUBLICATION OF AN APPLICATION: PUBLICATION OF A PATENT APPLICATION OR OF A CERTIFICATE OF ADDITION OF INVENTION	
BRPI1005785 A2	20141021	LSFE	-B08F	APPLICATION FEES: DISMISSAL - ARTICLE 86 OF INDUSTRIAL PROPERTY LAW	TEXT : REFERENTE A 4A ANUIDADE.
BRPI1005785 A2	20150407	LSLE	-B08K	LAPSE AS NO EVIDENCE OF PAYMENT OF THE ANNUAL FEE HAS BEEN FURNISHED TO INPI (ACC. ART. 87)	TEXT : REFERENTE AO DESPACHO 8.6 PUBLICADO NA RPI 2285 DE 21/10/2014.

Title: GANCHO DE SUJECION PARA PLANTAS

Abstract: Source: ES1182640U [ES] 1. Dispositivo de sujecion de plantas que se caracteriza por tener una forma semicircular con los dos extremos semicerrados. **Machine translation:** 1. Fastening device of plants characterized by having a semicircular shape with the two half-closed ends.

Classifications:
International (IPC 8-9): A01G9/12 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
ES1182640 UA	20170511	ES20170000174U	20170323
ES1182640 Y1	20170801	ES20170000174U	20170323

Priority:
ES20170000174U 20170323

Probable Assignee: VIDAL NAVALON JOSE
Assignee(s): (std): VIDAL NAVALON JOSE
Assignee(s): JOSE VIDAL NAVALON
Inventor(s): (std): VIDAL NAVALON JOSE
Inventor(s): JOSE VIDAL NAVALON

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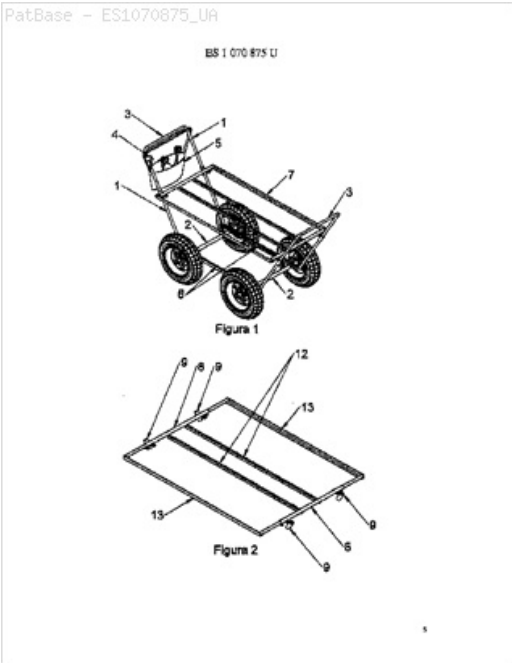
Patent	Date recorded	Event group	Code	Event	Details
ES1182640 UA	20170511	LSPB	+	published / reissued	
ES1182640 UA	20170801	LSGT	+FG1K	UTILITY MODEL GRANTED	EFFECTIVE DATE : 20170726
ES1182640 Y1	20170801	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1182640 Y1	20270323	PEXP		Calculated Patent Term Expiry	

Title: PLATAFORMA PARA TRABAJOS EN CULTIVOS HORTICOLAS WORK PLATFORM IN VEGETABLE CROPS (Machine translation)

Abstract: Source: ES1070875U [ES] 1. Plataforma para trabajos en cultivos horticolas. esencialmente caracterizada por estar constituida por un chasis metalico en forma de U doble, unido por la parte inferior por dos ejes dotados cada uno de ellos de una pareja de ruedas, de dimensiones apropiadas para el desplazamiento por suelos sueltos y accidentados, y por la parte superior por dos barras que son empleadas como asideros, dotada de dos bandejas de transporte o trabajo localizadas, una a la altura de los ejes de las ruedas y otra a una altura media del chasis metalico, formadas ambas preferentemente por un marco metalico rectangular en cuyos laterales se disponen unos resaltes, para una correcta fijacion de las cajas o contenedores transportados, y disenadas para permitir el desplazamiento de operarios y la realizacion de trabajos a distintas alturas. 2. Plataforma para trabajos en invernadero segun reivindicacion 1, caracterizada porque el marco metalico superior es regulable en altura gracias a que su union con el chasis se realiza mediante unas abrazaderas que pueden ocupar distintas posiciones discretas en las ramas ascendentes de la U doble. 3. Plataforma para trabajos en invernadero segun reivindicaciones 1 y 2. caracterizada porque el marco metalico superior dispone de dos laterales extensibles, colocados en el sentido longitudinal de la plataforma, mediante el alojamiento de perfiles tubulares en el interior de dos tubos unidos solidariamente al chasis y dotados de un mecanismo de fijacion, a base de un tornillo, perno o similar. 4. Plataforma para trabajos en invernadero segun reivindicaciones 1, 2 y 3, caracterizada porque dispone de un freno ubicado en una de las barras empleados como asidero y que permite el bloqueo de las ruedas de una de los ejes. 5. Plataforma para trabajos en invernadero segun reivindicaciones 1 a 4, caracterizada porque dispone de una caja portaobjetos acoplada al chasis para el transporte y almacenamiento de utiles de trabajo.

Machine translation: 1. Platform to work on horticultural crops. essentially characterized by being constituted by a metal chassis double U-shaped, joined at the bottom by two shafts each fitted with a pair of wheels of a size appropriate for movement by and rugged loose soils, and the higher by two rods which are used as handles, provided with two or transport trays located work, a height of the wheel axles and the other to an average height of the chassis metal, preferably both formed by a rectangular metal frame in which lateral protrusions are arranged for the correct fixing of the boxes or containers transported, and designed to allow the movement of workers and the carrying out of work at different heights. 2. Platform to work in the greenhouse according to claim 1, wherein the upper metal frame is adjustable in height thanks to its junction with the housing is performed using clamps that can occupy different discrete positions in the ascending branches of the double U. 3. Platform to work in the greenhouse according to claims 1 and 2. characterized in that the upper metal frame has two side extensible, arranged in the longitudinal direction of the platform, through the hollow housing inside two tubes integrally joined to the chassis and fitted with a fastening mechanism, based on a screw, bolt or similar. 4. Greenhouse work platform according to claims 1, 2 and 3, characterized in that has a brake located in one of the bars used as a handle and which permits locking of the wheels of one axis. 5. Work platform in a greenhouse according to claims 1 to 4, characterized in that it has a slide attached to the chassis box for transport and storage of useful work.

Classifications:
International (IPC 8-9): B62B5/00 (Advanced/Invention);
B62B5/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1070875 UA	20091112	ES20090001055U	20090608
ES1070875 Y1	20100211	ES20090001055U	20090608

Priority:

ES20090001055U 20090608

Probable Assignee: CARRETILLAS AMATE S L

Assignee(s): (std): CARRETILLAS AMATE S L

Inventor(s): (std): AMATE SALVADOR EUSEBIO ; AMATE SALVADOR LIBERTO ; SANCHEZ HERMOSILLA LOPEZ JULIAN

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
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ES1070875 UA	20091112	LSPB	+	published / reissued	
ES1070875 Y1	20100211	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1070875 Y1	20100211	LSGT	+FG1K	UTILITY MODEL GRANTED	
ES1070875 Y1	20130422	LSWD	-FA1K	APPLICATION WITHDRAWN	EFFECTIVE DATE : 20130410
ES1070875 Y1	20190608	PEXP		Calculated Patent Term Expiry	

Title: UNREELING HOOK FOR TYING PLANTS

Abstract: An unreeling hook for string for training a climbing plant, said unreeling hook comprising a hook (C) designed to be hooked onto a support cable and an unreeling reel designed to receive a hank of string, said unreeling hook being characterized in that said hook and said unreeling reel are arranged in such a manner that, by hooking said hook onto said cable, said cable expels said hank of string from said unreeling reel.

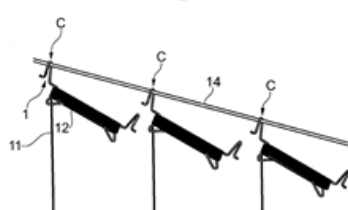
Classifications:

International (IPC 8-9): A01G17/04 A01G9/00 A01G9/12 B23F B65B
B65H49/00 (Advanced/Invention);
B65H49/00 (Core/Invention)

CPC: A01G17/04 A01G9/126 A01G9/12 A01G9/128

US: 47/44

PatBase - US2015342131_AA



Family:

Publication number	Publication date	Application number	Application date
AU2015202771 AA	20151217	AU20150202771	20150522
AU2015202771 BB	20160310	AU20150202771	20150522
CA2891052 AA	20151128	CA20152891052	20150511
CN105309229 A	20160210	CN201510282036	20150528
CN105309229 B	20190308	CN201510282036	20150528
DE602015000232 D1	20161006	DE201560000232T	20150506
EP2949202 A1	20151202	EP20150166622	20150506
EP2949202 B1	20160824	EP20150166622	20150506
ES2605398 T3	20170314	ES20150166622T	20150506
FR3021495 A1	20151204	FR20140054861	20140528
FR3021495 B1	20160624	FR20140054861	20140528
IL239065 A0	20160131	IL20150239065	20150528
IL239065 A1	20190630	IL20150239065	20150528
IN01390DE2015 A	20160429	IN2015DE01390	20150518
MX2015006610 A1	20160121	MX20150006610	20150526
PL2949202 T3	20170228	PL20150166622T	20150506
PT2949202 T	20161116	PT20150166622T	20150506
RU2015118243 A	20161210	RU20150118243	20150515
RU2620000 C2	20170522	RU20150118243	20150515
US2015342131 AA	20151203	US20150723707	20150528

Priority:

FR20140054861 20140528 EP20150166622 20150506

Probable Assignee: A RAYMOND ET CIE

Assignee(s): (std): A RAYMOND ET CIE ; E REJMOND ET SIE ; JOSEP TORRES CARPIO ; RAYMOND A AND CIE ; MIQUEL MASSAGUER AGULLO

Assignee(s): TORRES CARPIO JOSEP ; MASSAGUER AGULLO MIQUEL

Inventor(s): (std): MASSAGUER AGULLO MIGUEL ; MIQUEL MASSAGUER AGULLO ; M MIQUEL MASSAGUER AGULLO ; M JOSEP TORRES CARPIO ; TORRES CARPIO JOSEPH ; CARPIO JOSEP TORRES ; AGULLO MIQUEL MASSAGUER ; MASSAGUER AGULLO MIQUEL ; TORRES CARPIO M JOSEP ; TORRES CARPIO JOSEP ; MASSAGUER AGULLO M MIQUEL ; JOSEP TORRES CARPIO

Inventor(s): MIGUEL MASSAGUER AGULLO

Agent(s): PHILLIPS ORMONDE FITZPATRICK; ROBIC; PRUGNEAU PHILIPPE; ESPIELL EDUARDO MARIA; CABINET PRUGNEAU SCHAUB; BEN AMI AND ASSOCIATES

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AU2015202771 AA	20151217	LSPB	+	published / reissued	
AU2015202771 BB	20160310	LSGT	+	granted / extensions (spc, cpc, pte)	
AU2015202771 BB	20160707	LSGT	+FGA	LETTERS PATENT SEALED OR GRANTED (STANDARD PATENT)	
AU2015202771 BB	20350522	PEXP		Calculated Patent Term Expiry	

CA2891052 AA	20151128	LSPB	+	published / reissued	
CA2891052 AA	20171204	LSLE	-FZDE	DEAD	EFFECTIVE DATE : 20171020
CN105309229 A	20160210	LSPB	+	published / reissued	
CN105309229 A	20160210	LSPB	+C06	PUBLICATION	
CN105309229 B	20190308	LSGT	+	granted / extensions (spc, cpc, pte)	
CN105309229 B	20190308	LSGT	+GR01	PATENT GRANT	
CN105309229 B	20350528	PEXP		Calculated Patent Term Expiry	
EP2949202 A1	20151202	LSPB	+	published / reissued	
EP2949202 A1	20160113	LSSES	+17P	REQUEST FOR EXAMINATION FILED	EFFECTIVE DATE : 20151204
EP2949202 A1	20160427	LSGT	+INTG	INTENTION TO GRANT ANNOUNCED	EFFECTIVE DATE : 20160405
EP2949202 B1	20160824	LSGT	+	granted / extensions (spc, cpc, pte)	
EP2949202 B1	20160824	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : GB REF LEGAL EVENT CODE : FG4D TEXT : NOT ENGLISH
EP2949202 B1	20160831	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : EP
EP2949202 B1	20160915	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : AT REF LEGAL EVENT CODE : REF REF DOCUMENT NUMBER : 822183 COUNTRY OF REF DOCUMENT : AT KIND CODE OF REF DOCUMENT : T DESIGNATED STATE(S) : EFFECTIVE DATE : 20160915
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EP2949202 B1	20161006	LSPB	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : R096 REF DOCUMENT NUMBER : 602015000232 COUNTRY OF REF DOCUMENT : DE
EP2949202 B1	20161121	LSNP	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : RO REF LEGAL EVENT CODE : EPE
EP2949202 B1	20161227	LSRV	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : LT REF LEGAL EVENT CODE : MG4D
EP2949202 B1	20170115	LSRV	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : AT REF LEGAL EVENT CODE : MK05 REF DOCUMENT NUMBER : 822183 COUNTRY OF REF DOCUMENT : AT KIND CODE OF REF DOCUMENT : T DESIGNATED STATE(S) : EFFECTIVE DATE : 20160824
EP2949202 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : NO NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME- LIMIT LAPSED DATE : 20161124
EP2949202 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : RS NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME- LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : FI NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-

				EPO]	LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : HR NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME- LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : LT NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME- LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : LV NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME- LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : GR NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME- LIMIT LAPSED DATE : 20161125
EP2949202 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : SE NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME- LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : AT NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME- LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170314	LSGT	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : ES REF LEGAL EVENT CODE : FG2A REF DOCUMENT NUMBER : 2605398 COUNTRY OF REF DOCUMENT : ES KIND CODE OF REF DOCUMENT : T3 DESIGNATED STATE(S) : EFFECTIVE DATE : 20170314
EP2949202 B1	20170428	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : EE NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME- LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170523	LSFE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : FR REF LEGAL EVENT CODE : PLFP YEAR OF FEE PAYMENT : 3
EP2949202 B1	20170526	LSRE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : R097 REF DOCUMENT NUMBER : 602015000232 COUNTRY OF REF DOCUMENT : DE
EP2949202 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO	COUNTRY OF REF DOCUMENT : CZ NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-

				EPO]	LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : SM NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : DK NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170531	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : BG NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20161124
EP2949202 B1	20170731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : RO PAYMENT DATE : 20170424 YEAR OF FEE PAYMENT : 3
EP2949202 B1	20170731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : SK PAYMENT DATE : 20170503 YEAR OF FEE PAYMENT : 3
EP2949202 B1	20170731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : FR PAYMENT DATE : 20170523 YEAR OF FEE PAYMENT : 3
EP2949202 B1	20170802	LSGT	+26N	NO OPPOSITION FILED	EFFECTIVE DATE : 20170526
EP2949202 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : SI NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160824
EP2949202 B1	20170831	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : LU NOTIFICATION OF LAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20170531
EP2949202 B1	20170831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : ES PAYMENT DATE : 20170629 YEAR OF FEE PAYMENT : 3
EP2949202 B1	20170831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : PL PAYMENT DATE : 20170420 YEAR OF FEE PAYMENT : 3
EP2949202 B1	20170831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : PT PAYMENT DATE : 20170504 YEAR OF FEE PAYMENT : 3
EP2949202 B1	20170831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : BE PAYMENT DATE : 20170519 YEAR OF FEE PAYMENT : 3
EP2949202 B1	20170831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : IT PAYMENT DATE : 20170531 YEAR OF FEE PAYMENT : 3

EP2949202 B1	20171201	LSDW	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : DE REF LEGAL EVENT CODE : R119 REF DOCUMENT NUMBER : 602015000232 COUNTRY OF REF DOCUMENT : DE
EP2949202 B1	20180131	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : MC NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160824
EP2949202 B1	20180221	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : IE REF LEGAL EVENT CODE : MM4A
EP2949202 B1	20180330	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : LU NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20170506
EP2949202 B1	20180430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : DE NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20171201
EP2949202 B1	20180430	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : IE NOTIFICATIONOFLAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20170506
EP2949202 B1	20180522	LSFE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : FR REF LEGAL EVENT CODE : PLFP YEAR OF FEE PAYMENT : 4
EP2949202 B1	20180731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : SK PAYMENT DATE : 20180503 YEAR OF FEE PAYMENT : 4
EP2949202 B1	20180731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : ES PAYMENT DATE : 20180626 YEAR OF FEE PAYMENT : 4
EP2949202 B1	20180731	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : PT PAYMENT DATE : 20180504 YEAR OF FEE PAYMENT : 4
EP2949202 B1	20180831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : FR PAYMENT DATE : 20180522 YEAR OF FEE PAYMENT : 4
EP2949202 B1	20180831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : RO PAYMENT DATE : 20180423 YEAR OF FEE PAYMENT : 4
EP2949202 B1	20180831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : PL PAYMENT DATE : 20180419 YEAR OF FEE PAYMENT : 4
EP2949202 B1	20180831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : IT PAYMENT DATE : 20180531 YEAR OF FEE PAYMENT : 4
EP2949202 B1	20180831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : NL PAYMENT DATE : 20180518 YEAR OF FEE PAYMENT : 4
EP2949202 B1	20180831	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM	COUNTRY OF REF DOCUMENT : BE PAYMENT DATE : 20180518 YEAR OF FEE PAYMENT : 4

					NATIONAL OFFICE TO EPO]
EP2949202 B1	20180928	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : MT NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160824
EP2949202 B1	20181031	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : AL NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT LAPSED DATE : 20160824
EP2949202 B1	20181214	LSLE	REG	REFERENCE TO A NATIONAL CODE	REF COUNTRY CODE : CH REF LEGAL EVENT CODE : PL
EP2949202 B1	20190228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : CH NOTIFICATION OF LAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20180531
EP2949202 B1	20190228	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : LI NOTIFICATION OF LAPSE : LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES LAPSED DATE : 20180531
EP2949202 B1	20190628	LSLE	-PG25	LAPSED IN A CONTRACTING STATE [ANNOUNCED VIA POSTGRANT INFORMATION FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : HU NOTIFICATION OF LAPSE : LAPSE BECAUSE OF FAILURE TO SUBMIT A TRANSLATION OF THE DESCRIPTION OR TO PAY THE FEE WITHIN THE PRESCRIBED TIME-LIMIT; INVALID AB INITIO LAPSED DATE : 20150506
EP2949202 B1	20190628	LSFE	+PGFP	ANNUAL FEE PAID TO NATIONAL OFFICE [ANNOUNCED FROM NATIONAL OFFICE TO EPO]	COUNTRY OF REF DOCUMENT : NL PAYMENT DATE : 20190521 YEAR OF FEE PAYMENT : 5
EP2949202 B1	20350506	PEXP		Calculated Patent Term Expiry	
ES2605398 T3	20170314	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2605398 T3	20350506	PEXP		Calculated Patent Term Expiry	
FR3021495 A1	20151204	LSPB	+	published / reissued	
FR3021495 A1	20150521	LSFE	+PLFP	FEE PAYMENT	YEAR OF FEE PAYMENT : 2
FR3021495 A1	20151204	LSSES	PLSC	SEARCH REPORT READY	EFFECTIVE DATE : 20151204
FR3021495 A1	20160520	LSFE	+PLFP	FEE PAYMENT	YEAR OF FEE PAYMENT : 3
FR3021495 B1	20160624	LSGT	+	granted / extensions (spc, cpc, pte)	
FR3021495 B1	20170523	LSFE	+PLFP	FEE PAYMENT	YEAR OF FEE PAYMENT : 4
FR3021495 B1	20180522	LSFE	+PLFP	FEE PAYMENT	YEAR OF FEE PAYMENT : 5
FR3021495 B1	20190522	LSFE	PLFP	Fee Payment (FEE PAYMENT)	PAYMENT DATE : 20190522 YEAR OF FEE PAYMENT : 6
FR3021495 B1	20340528	PEXP		Calculated Patent Term Expiry	
IL239065 A1	20190630	LSPB	+	published / reissued	
IN01390DE2015 A	20160429	LSPB	+	published / reissued	
MX2015006610 A1	20160121	LSPB	+	published / reissued	

PL2949202 T3	20170228	LSGT	+	granted / extensions (spc, cpc, pte)	
PT2949202 T	20161116	LSGT	+	granted / extensions (spc, cpc, pte)	
PT2949202 T	20350506	PEXP		Calculated Patent Term Expiry	
RU2015118243 A	20161210	LSPB	+	published / reissued	
RU2620000 C2	20170522	LSGT	+	granted / extensions (spc, cpc, pte)	
RU2620000 C2	20350515	PEXP		Calculated Patent Term Expiry	
US2015342131 AA	20151203	LSPB	+	published / reissued	
US2015342131 AA	20150528	LSAS	AS	ASSIGNMENT	PARTYTYPE : OWNER OWNER : A RAYMOND ET CIE, FRANCE OLDPARTY : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS:TORRES CARPIO, JOSEP; MASSAGUER AGULLO, MIQUEL; REEL/FRAME:035731/0117 EFFECTIVE DATE : 20150312
US2015342131 AA	20161101	LSES	NFA1	Non Final Action Mailed	
US2015342131 AA	20170905	LSES	ADV1	Advisory Action Mailed	
US2015342131 AA	20171002	LSES	NFA1	Non Final Action Mailed	
US2015342131 AA	20181015	LSWD	-ABD3	Abandoned -- Failure to Respond to an Office Action	

Title: ESTRUCTURA VERTICAL CON PROTECCION AGROCLIMATICA DE MECANISMOS MODULARES REMOVIBLES PARA LA SIEMBRA Y EL CULTIVO DE PLANTAS VERTICAL STRUCTURE WITH PROTECTION agroclimatic REMOVABLE MODULAR MECHANISM FOR PLANTING AND GROWING PLANTS (Machine translation)

Abstract: Source: CO6820182U **Machine translation:** [Source: Claim 1] 1. VERTICAL STRUCTURE PROTECTION MECHANISMS agroclimatic REMOVABLE MODULAR for planting and growing plants. It characterized in that it consists of simple shapes that integrate and combine in a single unit. Characterized by 6 consist parties which fundamentales grouped entire system. A main vertical trunk (23) which integrates different segments extending across the structure from the bottom to the top.

Classifications:

International (IPC 8-9): A01G9/00 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
CO6820182 U1	20131231	CO20120236374U	20121228

Priority:

CO20120236374U 20121228

Probable Assignee: MARMOLEJO GARCIA JORGE OLIVO

Assignee(s): (std): MARMOLEJO GARCIA JORGE OLIVO

Inventor(s): (std): MARMOLEJO GARCIA JORGE OLIVO

Legal status (INPADOC)

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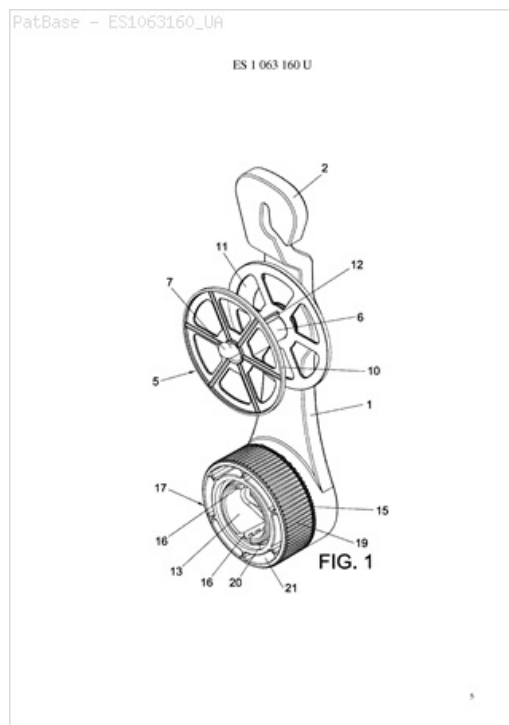
Patent	Date recorded	Event group	Code	Event	Details
CO6820182 U1	20131231	LSPB	+	published / reissued	

Title: PERCHA PARA ENTUTORADO DE CULTIVOS

Abstract: Source: ES1063160U [ES] 1. Percha para entutorado de cultivos, del tipo de las destinadas a quedar suspendidas de un emparrillado y de las que estan dotadas de un carrete suministrador del hilo o tutor para ascenso de la planta, asi como de un dispositivo de freno para bloquear dicho hilo, caracterizada porque incorpora un soporte rematado superiormente en un gancho para acoplamiento al emparrillado, soporte de cuya zona media emerge lateralmente un vastago para acoplamiento del carrete suministrador del hilo, mientras que en su extremidad inferior y tambien en disposicion lateral incorpora un cuello cilindrico y exteriormente roscado, receptor del freno, habiendose previsto que dicho cuello este afectado por dos ranuras o cortes situados sobre un imaginario plano diametral y vertical, y que el freno se materialice en un anillo interiormente roscado, en correspondencia con dicho cuello, anillo en el que se define un frente interior que presiona el hilo contra otro frente complementario definido en el propio soporte. **Machine translation:** 1. Hanger for staking of crops, of the type intended to be suspended from a grid and which are provided with a reel supplier of wire or tutor for promotion of the plant, as well as of a brake device for locking said wire, characterized in that it incorporates a support topped superiorly in a hook for coupling to the support grid, whose middle area emerges laterally a rod for coupling the supplier of the wire reel, while at its lower end and also in lateral arrangement incorporates a cylindrical neck and externally threaded receiver of the brake, it being provided that said neck is affected by two slots or cuts located on an imaginary vertical diametral plane and, and that the Brake is embodied in a ring, internally threaded in correspondence with said neck, ring in which defines a front inside which presses the wire against another front complementary defined in the support itself.

Classifications:

International (IPC 8-9): A01G17/06 (Advanced/Invention);
A01G17/00 (Core/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1063160 UA	20061001	ES20060001369U	20060612
ES1063160 Y	20070101	ES20060001369U	20060612
ES1063160 YA	20070101	ES20060001369U	20060612

Priority:

ES20060001369U 20060612

Probable Assignee: NOVEDADES AGRICOLAS S A

Assignee(s): (std): NOVEDADES AGRICOLAS S A

Assignee(s): NOVEDADES AGRICOLAS SA

Inventor(s): (std): CARRENO ORTEGA ANGEL ; GALERA QUILES LUCAS ; PEREZ ALONSO JOSE

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES1063160 UA	20061001	LSPB	+	published / reissued	
ES1063160 Y	20070101	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1063160 Y	20160612	PEXP		Calculated Patent Term Expiry	
ES1063160 YA	20070101	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1063160 YA	20160612	PEXP		Calculated Patent Term Expiry	

Title: MINIVEHICULO AUTOPROPULSADO PARA LA APLICACION DE FITOSANITARIOS EN INVERNADERO MINIVEHICULO SELF PROPELLED FOR THE IMPLEMENTATION OF PROTECTION IN GREENHOUSE (Machine translation)

Abstract: Source: ES1071036U [ES] 1. Minivehiculo autopropulsado para la aplicacion de fitosanitarios en invernadero, que comprende: a. Un chasis de reducidas dimensiones, dotado de una bandeja para el alojamiento de las baterias o fuente de energia alternativa, un punto de enganche en la parte trasera, para el arrastre de maquinas o equipos, y unos acoples laterales para albergar al sistema de pulverizacion de barras verticales. b. Sistema de rodadura formado por cuatro ruedas. Las dos traseras motrices y accionadas individualmente mediante sendos motores, preferentemente electricos, controlados mediante un joystick. Las dos delanteras locas, unidas al chasis mediante una horquilla giratoria, que junto con el movimiento diferencial de las ruedas motrices constituyen el sistema de direccion. c. Una carcasa abatible que sirve de proteccion a los diferentes elementos y de soporte para el puesto de conduccion. d. Un puesto de conduccion formado por un asiento para el conductor, un brazo sobre el que se localiza el control de velocidad y la direccion del vehiculo, y el accionamiento del sistema de pulverizacion. 2. Minivehiculo autopropulsado para la aplicacion de fitosanitarios en invernadero segun reivindicacion 1, caracterizado por disponer una sola rueda loca delantera, que junto al movimiento diferencial de las ruedas traseras constituyen el sistema de direccion. 3. Minivehiculo autopropulsado para la aplicacion de fitosanitarios en invernadero segun reivindicaciones 1 y 2, caracterizado porque puede transportar, preferentemente en su parte trasera, un sistema de pulverizacion desmontable y dotado de dos barras pulverizadoras con separacion regulable, mediante un sistema de guia o similar. 4. Minivehiculo autopropulsado para la aplicacion de fitosanitarios en invernadero segun reivindicaciones 1, 2 y 3, caracterizado porque el sistema de pulverizacion puede estar alimentado por la instalacion fija de pulverizacion propia del invernadero o explotacion agricola. 5. Minivehiculo autopropulsado para la aplicacion de fitosanitarios en invernadero segun reivindicaciones 1 a 4, caracterizado porque el sistema de pulverizacion dispone de un dispositivo de vueltas perdidas, que impide enrollar la manguera en los giros, formado por un tubo hueco en forma de L con libertad de giro en 180 grados.

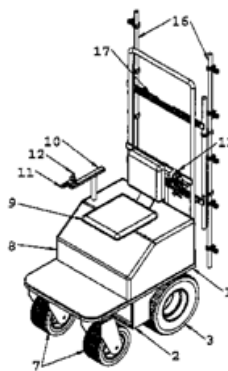
Machine translation: 1. Minivehiculo propelled to the application of pesticides in the greenhouse, comprising: a. A small footprint chassis, equipped with a tray for accommodating the batteries or alternative power source, an attachment point on the back for hauling machinery or equipment, and a coupling side to house the spray system vertical bars. b. Rolling system formed by four wheels. The two rear drive and powered by two separate motors individually, preferably electric, controlled by a joystick. The two crazy front, attached to the chassis via a swivel bracket, which together with the differential movement of the drive wheels are the guidance system. c. A hinged cover that serves as protection to the different elements and support for the position of driving. d. A station consists of a driving seat for the driver, an arm on which is located the speed control and direction of the vehicle, and drive the spraying system. 2. Minivehiculo propelled to the application of pesticides in the greenhouse according to claim 1, characterized by having a single front idler, which together with the differential motion of the rear wheels are the guidance system. 3. Minivehiculo propelled to the application of pesticides in the greenhouse according to claims 1 and 2, characterized in that it can carry, preferably in the rear, a spraying system equipped with two removable spray bar with adjustable separation, through a system of guide or similar. 4. Minivehiculo propelled to the application of pesticides in the greenhouse according to claims 1, 2 and 3, wherein the spraying system can be powered by spraying fixture own greenhouse or farm. 5. Minivehiculo propelled to the application of plant in the greenhouse according to claims 1 to 4, wherein the spraying system has a turning device lost, which prevents the hose winding turns, a hollow tube formed by L-shaped with freedom of rotation by 180 degrees.

Classifications:

International (IPC 8-9): A01C23/00 (Advanced/Invention);
A01C23/00 (Core/Invention)

PatBase - ES1071036_UA

ES 1 071 036 U



Family:

Publication number	Publication date	Application number	Application date
ES1071036 UA	20091209	ES20090001281U	20090806
ES1071036 Y1	20100311	ES20090001281U	20090806

Priority:

ES20090001281U 20090806

Probable Assignee: CARRETILLAS AMATE S L

Assignee(s): (std): CARRETILLAS AMATE S L

Inventor(s): (std): AMATE SALVADOR EUSEBIO ; AMATE SALVADOR LIBERTO ; SANCHEZ HERMOSILLA LOPEZ JULIA ; SANCHEZ HERMOSILLA LOPEZ JULIAN

Legal status (INPADOC)[View legal status timeline](#)

Patent	Date recorded	Event group	Code	Event	Details
ES1071036 UA	20091209	LSPB	+	published / reissued	
ES1071036 Y1	20100311	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1071036 Y1	20100311	LSGT	+FG1K	UTILITY MODEL GRANTED	
ES1071036 Y1	20130422	LSWD	-FA1K	APPLICATION WITHDRAWN	EFFECTIVE DATE : 20130410
ES1071036 Y1	20190806	PEXP		Calculated Patent Term Expiry	

Title: MANAGEMENT APPLICATION FOR HIGHER EDUCATION INSTITUTIONS AND RESEARCH CENTERS AND INSTITUTIONS.

Abstract: The present invention pertains to the administration field. More particularly, refers to administrative management software focused on postgraduate degrees and research centers. Said management system comprises an interconnection cloud including interconnected modules relative to the totality of participants of the postgraduate degree or research center, where information is loaded to said virtual cloud, which is a unique data source, being interconnected therebetween.

Classifications:

International (IPC 8-9): G06F13/30 G06Q50/20 (Advanced/Invention)

PatBase - MX2014006680_A1



FIGURA 1



FIGURA 2

Family:

Publication number	Publication date	Application number	Application date
MX2014006680 A1	20151204	MX20140006680	20140604

Priority:

MX20140006680 20140604

Probable Assignee: BENEMERITA UNIVERSIDAD AUTONOMA DE PUEBLA

Assignee(s): (std): BENEMERITA UNIVERSIDAD AUTONOMA DE PUEBLA

Inventor(s): (std): DORADO GUILLERMO MARIN ; MUNOZ MARIA TERESA TORRIJOS ; OLIVEROS JOSE JACOBO OLIVEROS ; OVANDO MARIA ESPERANZA GUZMAN

Inventor(s): GUILLERMO MARIN DORADO ; JOSE JACOBO OLIVEROS OLIVEROS ; MARIA ESPERANZA GUZMAN OVANDO ; MARIA TERESA TORRIJOS MUNOZ

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
MX2014006680 A1	20151204	LSPB	+	published / reissued	

Title: FABRICACION DE HILO CILINDRICO DE ENVASES DE PET POST CONSUMO SIN PROCESO DE FUNDICION CYLINDRICAL THREAD MANUFACTURE OF PACKAGES OF PET POST CONSUMPTION WITHOUT SMELTING PROCESS (Machine translation)

Abstract: Source: AR048208A [ES] Este sistema de obtencion de hilo o cilindrico de envases de pet post consumo sin fundir el material se realiza mediante un proceso simple de corte, torsion, y traccion, y puede ser fabricado en forma descentralizada en el caso de la presente, se utiliza para el proposito el cuerpo o alma del envase, se lo corta con herramientas manuales o mecanicas, para obtener primeramente un hilo en forma de cinta. El cuerpo del envase gira en un soporte y por medio de una hoja afilada se va haciendo girar en forma circular, de abajo hacia arriba hasta terminar. De alli es que una de las caracteristicas es que tiene largos limitados. Luego se procede a torcionar este hilo sujetandolo en un extremo, en forma manual y en el otro en una manivela. A esta la hara girar otro operario en el sentido de las agujas del reloj. De esta forma el hilo empezara a tomar una forma helicoidal hasta llegar el punto limite de torcion y formandose el cilindro. A partir de alli se sacara este hilo ya formado cilindricamente de la manivela y ambos operarios procederan a traccionar en forma manual hasta el limite de corte. Esto se sabe al tacto quedando el hilo perfectamente derecho, y listo para ser bobinado y su posterior utilizacion en la fabricacion de escobas, escobillones, cepillos, flejes para barredoras mecanicas, redes deportivas, mallas de **tutorados**, etc..

Machine translation: Este system of cylindrical thread obtaining or of packages of pet post consumption without fusing the material is made by means of a simple process of cut, torsion, and traction, and can be made in form decentralized in the case of the present, is used for the intention the body or soul of the package, the short thing with manual or mechanical tools, to firstly obtain a thread in tape form. The body of the package turns in a support and by means of a sharpened leaf it is rotated in circular form, of down upwards until finishing. Of it is there that one of the characteristics is that has limited lengths. Soon it is come to torcionar this thread holding it in an end, manual form and the other in a crank. To this hara to turn another worker in the sense of the needles of the clock. Of this form the thread began to take a helical form until arriving the point limits of torcion and forming the cylinder. From east formed thread removed there already cylindrically from the crank and both workers you would procederan to traccionar in manual form until limits of cut. This perfectly knows to the tact being the thread, and straight ready to be winded and its later use in the manufacture of brooms, swabs, brushes, sweeping iron straps for mechanical, sport networks, **tutorados** meshes of, etc.

Classifications:

International (IPC 1-7): B29D31/00

Family:

Publication number	Publication date	Application number	Application date
AR048208 AA	20060412	AR2004P104563	20041207

Priority:

AR2004P104563 20041207

Probable Assignee: RODRIGUEZ MIGUEL DIONISIO

Assignee(s): (std): RODRIGUEZ MIGUEL DIONISIO

Inventor(s): (std): RODRIGUEZ MIGUEL DIONISIO

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
AR048208 AA	20060412	LSPB	+	published / reissued	
AR048208 AA	20071213	LSWD	-FB	SUSPENSION OF GRANTING PROCEDURE	

Title: RED TRIDIMENSIONAL PREFABRICADA Y SIMPLIFICADA PARA ENTUTORADO DE HORTALIZAS.

Abstract: Source: ES1039662U [ES] 1. RED TRIDIMENSIONAL PREFABRICADA Y SIMPLIFICADA PARA ENTUTORADO DE HORTALIZAS DESTINADA A SER COLOCADA EN COLABORACION CON UNA ESTRUCTURA FIJA EN LAS PRIMERAS FASES DE CRECIMIENTO DE UN CULTIVO PARA GUIAR SU CRECIMIENTO Y SOSTENER SU PESO FORMANDO HILADAS, CARACTERIZADA PORQUE ADOPTA UNA CONFIGURACION ESPACIAL EN TRES DIMENSIONES Y ESTA FORMADA POR TRES TIPOS DE HILO SEGUN SU DISPOSICION Y FUNCION, A SABER: A) HILOS VERTICALES (1); B) LAZOS (2); C) HILOS HORIZONTALES (3). **Machine translation:** 1. The three-dimensional network prefabricated and simplified for staking VEGETABLES INTENDED TO BE PLACED ON COLLABORATION WITH A FIXED STRUCTURE IN THE EARLY STAGES OF GROWTH OF A CROP TO GUIDE their growth and sustain their weight forming rows, characterized in that adopts a three-dimensional spatial CONFIGURATION AND IS FORMED BY THREE TYPES OF YARN ACCORDING TO ITS LAYOUT AND FUNCTION, namely: (a) vertical wires (1); (b) Bonds (2); (c) horizontal wires (3).

Classifications:

International (IPC 8-9): A01G9/12 (Advanced/Invention);
A01G9/12 (Core/Invention)

International (IPC 1-7): A01G9/12

Family:

Publication number	Publication date	Application number	Application date
ES1039662 UA	19990101	ES19980000590U	19980219
ES1039662 Y1	19990801	ES19980000590U	19980219
ES1039662 YA	19990801	ES19980000590U	19980219

Priority:

ES19980000590U 19980219

Probable Assignee: INGLES NAVARRO TOMAS

Assignee(s): (std): INGLES NAVARRO TOMAS

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES1039662 UA	19990101	LSPB	+	published / reissued	
ES1039662 Y1	19990801	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1039662 Y1	20000916	LSWD	-FA1K	APPLICATION WITHDRAWN	EFFECTIVE DATE : 20000804
ES1039662 Y1	20080219	PEXP		Calculated Patent Term Expiry	
ES1039662 YA	19990801	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1039662 YA	20080219	PEXP		Calculated Patent Term Expiry	

Title: MODULO DE CULTIVO ADAPTADO PARA PERSONAS CON MOVILIDAD REDUCIDA Culture MODULE ADAPTED FOR PEOPLE WITH REDUCED MOBILITY (Machine translation)

Abstract: Source: ES1232029U [ES] 1. Modulo de cultivo adaptado para personas en silla de ruedas con movilidad reducida caracterizado porque comprende: a. Un bancal elevado (2) pentagonal. b. Dos apoyos laterales (3) a ambos lados del bancal. c. Dos voladizos (4) corredizos que van anclados en los apoyos laterales. d. Un larguero (5) que une los apoyos laterales, e. Cables espaldera (6) para el en **tutorado** de las plantas caracterizado porque, - El bancal elevado es de dos caras recubierto de lamina impermeabilizante (11) y barras de refuerzo en la pared del tablero (8) y en su punto medio (9), - Los apoyos laterales cuentan con un sistema de pasadores que permiten la subida y bajada de elementos anclados. **Machine translation:** 1. Culture module adapted for people in wheelchairs with reduced mobility characterized in that it comprises: a. A BUND (2) pentagonal. b. Two side supports (3) on both sides of the bund. c. Two cantilevers (4) which are anchored in the side supports sliding. d. A crossbar (5) connecting the side supports, e. Trellis wires (6) for the in **tutorado** plants characterized in that, - The Bund is two-sided coated waterproof sheet (11) and reinforcing bars in the wall of the board (8) and at its mid-point (9), - The lateral supports have a system of pins that allow the rise and fall of elements anchored.

Classifications:

International (IPC 8-9): A01G9/28 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
ES1232029 UA	20190704	ES20170000700U	20171010

Priority:

ES20170000700U 20171010

Probable Assignee: CASA COLEGIO MAYOR MENENDEZ PELAYO INST NEVARES DE EMPRESARIOS AGRARIOS CCMMMP INEA

Assignee(s): (std): CASA COLEGIO MAYOR MENENDEZ PELAYO INST NEVARES DE EMPRESARIOS AGRARIOS CCMMMP INEA ; REVILLA GRANDE FELIX

Assignee(s): CASA COLEGIO MAYOR MENENDEZ PELAYO INSTITUTO NEVARES DE EMPRESARIOS AGRARIOS CCMMMP INEA

Inventor(s): (std): CUERVO ALONSO PEDRO JUAN ; REVILLA GRANDE FELIX

Inventor(s): FELIX REVILLA GRANDE ; PEDRO JUAN CUERVO ALONSO

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES1232029 UA	20190704	LSPB	+	published / reissued	
ES1232029 UA	20180416	LSRV	-FC1K	UTILITY MODEL REFUSED	EFFECTIVE DATE : 20180410
ES1232029 UA	20190704	LSPB	+CA1K	UTILITY MODEL APPLICATION PUBLISHED	REF DOCUMENT NUMBER : 1232029 COUNTRY OF REF DOCUMENT : ES KIND CODE OF REF DOCUMENT : U DESIGNATED STATE(S) : EFFECTIVE DATE : 20190704

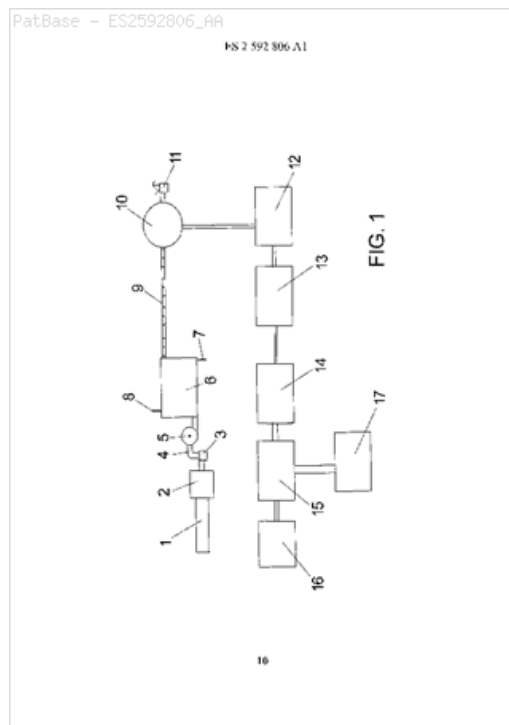
Title: PROCEDIMIENTO PARA LA VALORIZACION DE RESTOS VEGETALES MEZCLADOS CON RAFIA DE POLIOLEFINAS PROCEDENTES DE CULTIVOS HORTICOLAS

Abstract: Source: ES2592806B [ES] Procedimiento para la valoracion de restos vegetales mezclados con rafia de poliolefinas procedentes de cultivos hortícolas. #La presente invencion se refiere a un procedimiento para obtener materias primas polimericas de aplicacion industrial, a partir de los restos vegetales mezclados con rafia de poliolefinas procedentes de cultivos hortícolas, mayoritariamente de invernaderos agricolas, sometidos a fermentacion. Los productos obtenidos segun esta invencion estan ampliamente implantados desde un punto de vista comercial. #Los vegetales mezclados con rafia son sometidos a una fermentacion aerobia para convertirlos en compost, separando dicho compost de la parte no fermentada, y conseguir materias primas polimericas de aplicacion industrial.

Classifications:

International (IPC 8-9): B09B3/00 B29B17/00
C05F11/00 (Advanced/Invention)

CPC: B29B17/00 B09B3/00 C05F11/00 Y02W30/62



Family:

Publication number	Publication date	Application number	Application date
■ ES2592806 AA	20161201	ES20160030983	20160720
■ ES2592806 BA	20171107	ES20160030983	20160720

Priority:

ES20160030983 20160720

Probable Assignee: DESPOLIMERIZACION DE PLASTICOS RESIDUALES S L

Assignee(s): (std): DESPOLIMERIZACION DE PLASTICOS RESIDUALES S L

Assignee(s): DESPOLIMERIZACION DE PLASTICOS RESIDUALES SL

Inventor(s): (std): FERNANDEZ SANCHEZ JUAN

Inventor(s): JUAN FERNANDEZ SANCHEZ

Agent(s): BOTELLA ANTONIO

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES2592806 AA	20161201	LSPB	+	published / reissued	
ES2592806 AA	20171107	LSGT	+FG2A	DEFINITIVE PROTECTION	REF DOCUMENT NUMBER : 2592806 COUNTRY OF REF DOCUMENT : ES KIND CODE OF REF DOCUMENT : B1 DESIGNATED STATE(S) : EFFECTIVE DATE : 20171107
ES2592806 BA	20171107	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2592806 BA	20360720	PEXP		Calculated Patent Term Expiry	

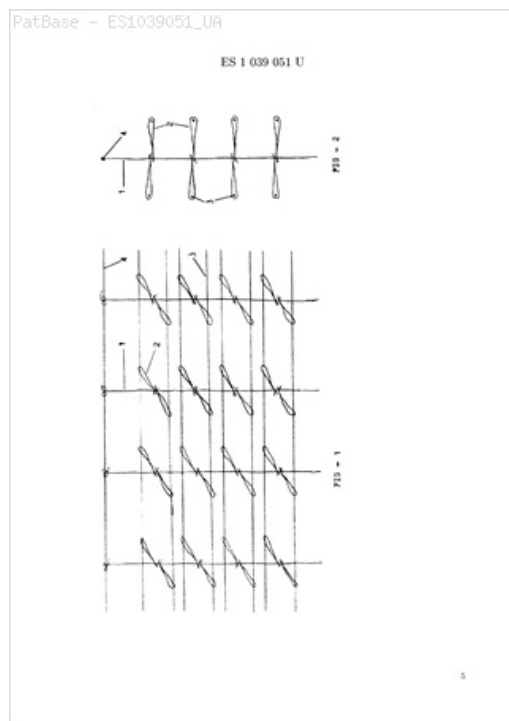
Title: RED TRIDIMENSIONAL PREFABRICADA PARA ENTUTORADO DE HORTALIZAS.

Abstract: Source: ES1039051U [ES] 1. RED TRIDIMENSIONAL PREFABRICADA PARA ENTUTORADO DE HORTALIZAS DESTINADA A SER COLOCADA EN COLABORACION CON UNA ESTRUCTURA FIJA EN LA PRIMERA FASE DE CRECIMIENTO DE UN CULTIVO PARA GUIAR SU CRECIMIENTO Y SOSTENER SU PESO FORMANDO HILADAS, CARACTERIZADA PORQUE ADOPTA UNA CONFIGURACION ESPACIAL EN TRES DIMENSIONES Y ESTA FORMADA POR TRES TIPOS DE HILO SEGUN SU DISPOSICION Y FUNCION, A SABER: A) HILOS VERTICALES (1); B) LAZOS HORIZONTALES (2); C) HILOS HORIZONTALES (3). **Machine translation:** 1. The three-dimensional network prefabricated for staking VEGETABLES INTENDED TO BE PLACED ON COLLABORATION WITH A FIXED STRUCTURE IN THE FIRST PHASE OF GROWTH OF A CROP TO GUIDE their growth and sustain their weight forming rows, characterized in that adopts a three-dimensional spatial CONFIGURATION AND IS FORMED BY THREE TYPES OF YARN ACCORDING TO ITS LAYOUT AND FUNCTION, namely: (a) vertical wires (1); (b) horizontal ties (2); (c) horizontal wires (3).

Classifications:

International (IPC 8-9): A01G9/12 (Advanced/Invention);
A01G9/12 (Core/Invention)

International (IPC 1-7): A01G9/12



Family:

Publication number	Publication date	Application number	Application date
ES1039051 UA	19981001	ES19970003261U	19971204
ES1039051 Y1	19990316	ES19970003261U	19971204
ES1039051 YA	19990316	ES19970003261U	19971204

Priority:

ES19970003261U 19971204

Probable Assignee: INGLES NAVARRO TOMAS

Assignee(s): (std): INGLES NAVARRO TOMAS

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES1039051 UA	19981001	LSPB	+	published / reissued	
ES1039051 Y1	19990316	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1039051 Y1	20000401	LSWD	-FA1K	APPLICATION WITHDRAWN	EFFECTIVE DATE : 20000224
ES1039051 Y1	20071204	PEXP		Calculated Patent Term Expiry	
ES1039051 YA	19990316	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1039051 YA	20071204	PEXP		Calculated Patent Term Expiry	

Title: **TUTORADO** ECOLOGICO ALTERNATIVO CON ENVARADERAS PLASTICAS PARA CULTIVOS Y EL PROCESO DE FABRICACION DEL MISMO With ENVARADERAS **TUTORADO** ALTERNATIVE ECOLOGICAL PLASTIC SHEETING TO CROPS AND THE PROCESS OF MANUFACTURING THE SAME (Machine translation)

Abstract: Source: CO20180009423A [ES] Ver anexo. **Machine translation:** See annex.

Classifications:

International (IPC 8-9): A01G9/12 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
CO20180009423 A1	20180920	CO20180009423	20180908

Priority:

CO20180009423 20180908

Probable Assignee: TRANSF GIRASOL S A S

Assignee(s): (std): TRANSF GIRASOL S A S

Assignee(s): TRANSFORMACIONES GIRASOL SAS

Inventor(s): (std): MARCELA GONZALEZ LINA

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
CO20180009423 A1	20180920	LSPB	+	published / reissued	

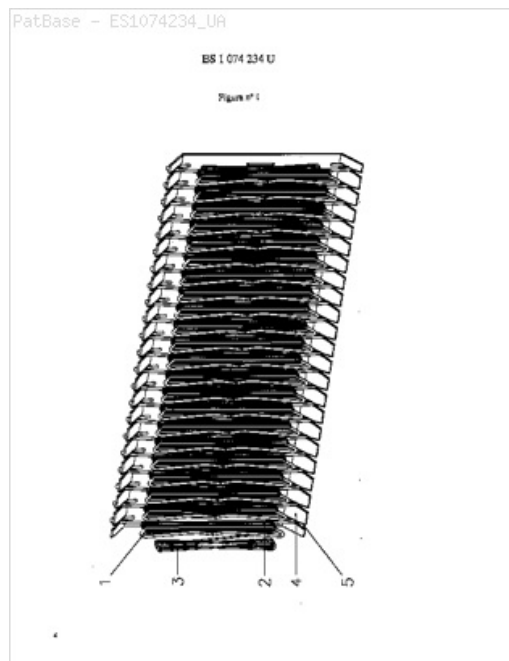
Title: GANCHO PARA EL **TUTORADO** DE PLANTAS CON CAIDA LIBRE

Abstract: Source: ES1074234U [ES] 1. Gancho para el **tutorado** de plantas con caída libre, caracterizado por: estar constituido por un gancho de alambre en forma de carrete (1) que incorpora enrollada la longitud de hilo deseada (2) y una bobina de hilo suelto, sin sujeción (3), donde ambos hilos se encuentran colocados y ordenados sobre una bandeja ranurada (4). **Machine translation:** 1. Hook for staking plants with free fall, characterized by being constituted by a hook-shaped wire reel (1) incorporating the desired length of coiled wire (2) and loose thread coil without restraint (3) where both yarns are positioned and arranged on a slotted plate (4).

Classifications:

International (IPC 8-9): A01G9/12 (Advanced/Invention)

CPC: A01G9/126



Family:

Publication number	Publication date	Application number	Application date
ES1074234 UA	20110404	ES20100000841U	20100617
ES1074234 Y1	20110704	ES20100000841U	20100617

Priority:

ES20100000841U 20100617

Probable Assignee: VIDAL NAVALON JOSE

Assignee(s): (std): VIDAL NAVALON JOSE

Inventor(s): (std): VIDAL NAVALON JOSE

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES1074234 UA	20110404	LSPB	+	published / reissued	
ES1074234 Y1	20110704	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1074234 Y1	20110704	LSGT	+FG1K	UTILITY MODEL GRANTED	REF DOCUMENT NUMBER : 1074234 COUNTRY OF REF DOCUMENT : ES KIND CODE OF REF DOCUMENT : Y DESIGNATED STATE(S) : EFFECTIVE DATE : 20110621
ES1074234 Y1	20131031	LSLE	-FD1K	UTILITY MODEL LAPSED	EFFECTIVE DATE : 20131031
ES1074234 Y1	20200617	PEXP		Calculated Patent Term Expiry	

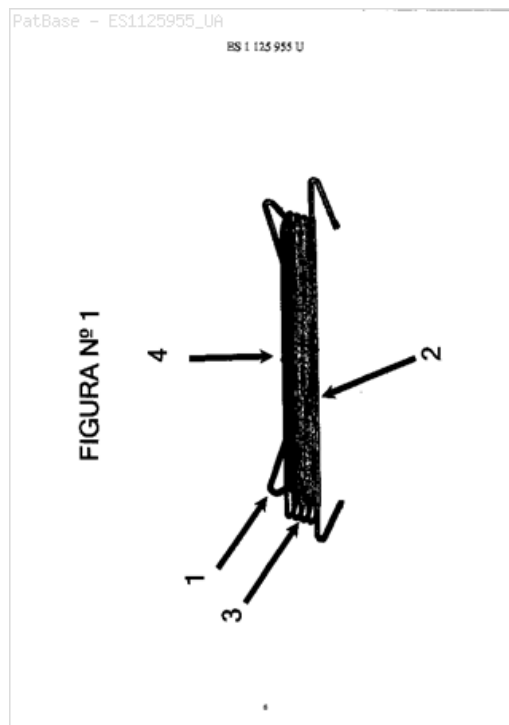
Title: GANCHO **TUTORADO** DE PLANTAS CAIDA LIBRE

Abstract: Source: ES1125955U [ES] 1. Gancho para el **tutorado** de plantas con caída libre, caracterizado por: estar construido por un gancho de alambre que tiene la función de hacer de carrete, (1) que incorpora enrollada la longitud de hilo deseada, (2) y una bobina de hilo enrollado solo por uno de sus extremos a la pieza de alambre, (3) con una sujeción de un hilo elástico central que mantiene la totalidad el hilo que está enrollado en el gancho de alambre (4). **Machine translation:** 1. Hook's trellising plants with freefall, characterized by being built by a wire hook that has the function of making spool (1) which incorporates the desired length of coiled wire, (2) and a coil of wire wound only by one end to the piece of wire (3) with an attachment of a central elastic thread that keeps all the thread is wound on the wire hook (4).

Classifications:

International (IPC 8-9): A01G9/12 (Advanced/Invention)

CPC: A01G9/126



Family:

Publication number	Publication date	Application number	Application date
ES1125955 UA	20140930	ES20140000491U	20131003
ES1125955 Y1	20150127	ES20140000491U	20131003

Priority:

ES20140000491U 20131003

Probable Assignee: VIDAL NAVALON JOSE

Assignee(s): (std): VIDAL NAVALON JOSE

Assignee(s): JOSE VIDAL NAVALON

Inventor(s): (std): VIDAL NAVALON JOSE

Inventor(s): JOSE VIDAL NAVALON

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES1125955 UA	20140930	LSPB	+	published / reissued	
ES1125955 Y1	20150127	LSGT	+	granted / extensions (spc, cpc, pte)	
ES1125955 Y1	20150127	LSGT	+FG1K	UTILITY MODEL GRANTED	EFFECTIVE DATE : 20150121
ES1125955 Y1	20180507	LSLE	-FD1K	UTILITY MODEL LAPSED	EFFECTIVE DATE : 20180507
ES1125955 Y1	20231003	PEXP		Calculated Patent Term Expiry	

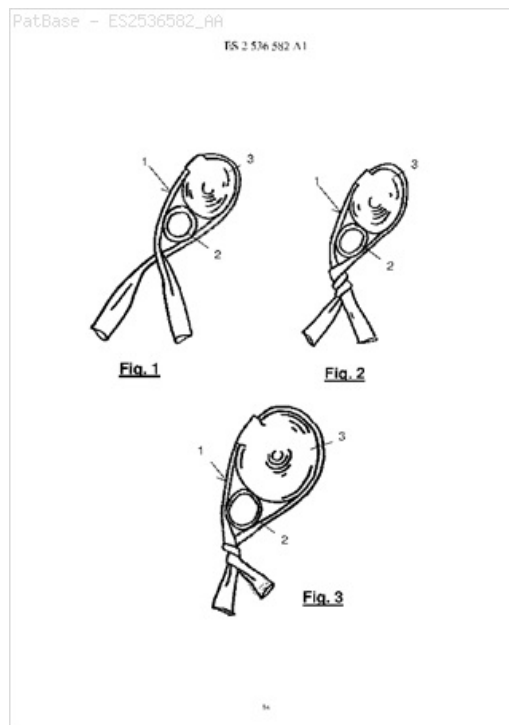
Title: ATADURA DE PLASTICO, USO DE LA ATADURA Y METODO PARA ATAR, REUNIR O JUNTAR ELEMENTOS ENTRE SI

Abstract: Source: ES2536582B [ES] Atadura de plastico, uso de la atadura y metodo para atar, reunir o juntar elementos entre si. #Atadura de plastico adecuada para entutorar una planta, siendo la atadura de matriz plastica, que comprende poliester biodegradable entre un 35 percent y un 65 percent en peso, aditivada con preferiblemente al menos un compuesto absorbedor de UV, extrudida y molecularmente orientada. La atadura es adecuada para entutorar una planta segun un metodo que comprende formar un bucle en la atadura de forma que rodee el tronco de la planta y al correspondiente tutor, yuxtaponer cruzados los dos tramos de la atadura a ambos lados del bucle y retorcerlos sobre si mismos, o un tramo sobre el otro, de forma que al menos uno de los tramos da dos vueltas alrededor del otro.

Classifications:

International (IPC 8-9): A01G17/08 A01G17/12 B29C55/06
C08G63/00 (Advanced/Invention)

CPC: A01G17/08



Family:

Publication number	Publication date	Application number	Application date
ES2536582 AA	20150526	ES20130031713	20131125
ES2536582 BA	20160301	ES20130031713	20131125

Priority:

ES20130031713 20131125

Probable Assignee: PL STICS TORNER S L
Assignee(s): (std): PL STICS TORNER S L ; PLASTICS TORNER S L
Assignee(s): PLASTICS TORNER SL
Inventor(s): (std): TORNER RIBA CARME
Inventor(s): CARME TORNER RIBA
Agent(s): SUGRANES PEDRO

Legal status (INPADOC)

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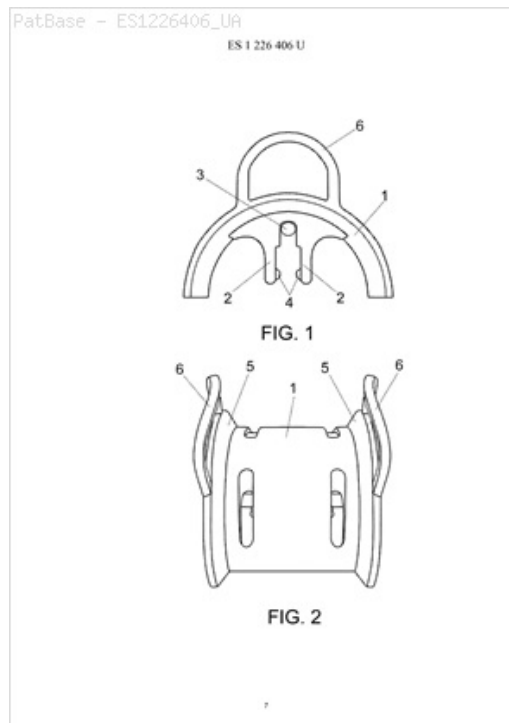
Patent	Date recorded	Event group	Code	Event	Details
ES2536582 AA	20150526	LSPB	+	published / reissued	
ES2536582 BA	20160301	LSGT	+	granted / extensions (spc, cpc, pte)	
ES2536582 BA	20160301	LSGT	+FG2A	DEFINITIVE PROTECTION	REF DOCUMENT NUMBER : 2536582 COUNTRY OF REF DOCUMENT : ES KIND CODE OF REF DOCUMENT : B1 DESIGNATED STATE(S) : EFFECTIVE DATE : 20160301
ES2536582 BA	20331125	PEXP		Calculated Patent Term Expiry	

Title: DISPOSITIVO PARA **TUTORADO** DE PLANTAS Device FOR PLANT **TUTORADO** (Machine translation)

Abstract: Source: ES1226406U [ES] 1. Dispositivo para **tutorado** de plantas, plantas del tipo de las que se disponen verticalmente adoptando una trayectoria vertical ascendente hasta una determinada altura en la que se situa un cable o alambre horizontal (3) o tutor sobre el que el tallo invierte su trayectoria en sentido inferior, caracterizado porque esta constituido a partir de un cuerpo (1) de configuracion semi-cilindrica y hueca, definiendo su cara superior una superficie para apoyo de forma curvada del tallo de la planta, mientras que en su cara inferior incluye inferior un apendice de configuracion en "U" invertida, que define una pareja de alas (2) que determinan un paso ajustado para el alambre horizontal (3), habiendose previsto que los extremos laterales mayores del cuerpo (1) presentan unas sobreelevaciones (5) en correspondencia con su cara superior, que determinan una especie de cuna para el tallo. **Machine translation:** 1. Device for **tutorado**, plants of the type that are arranged vertically by adopting a vertical path up to a certain height in which is placed a horizontal wire or cable (3) or guardian about the stem reverses its trajectory in the lower direction, characterized in that it is constituted from a body (1) semi-cylindrical and hollow configuration, defining its upper face a surface for support of curved shape of the stem of the plant, while in its lower face includes a lower appendix configuration in inverted "U", which defines a pair of wings (2) which determine a tight passage for the horizontal wire (3), having foreseen that the lateral ends of the body (1) Have a sobreelevaciones (5) in correspondence with its upper face, which determine a kind of wedge for the stem.

Classifications:

International (IPC 8-9): A01G9/12 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
ES1226406 UA	20190313	ES20190030297U	20190222

Priority:

ES20190030297U 20190222

Probable Assignee: GRANADOS PUGA GERMAN

Assignee(s): (std): GRANADOS PUGA GERMAN

Inventor(s): (std): GRANADOS PUGA GERMAN

Legal status (INPADOC)

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Patent	Date recorded	Event group	Code	Event	Details
ES1226406 UA	20190313	LSPB	+	published / reissued	
ES1226406 UA	20190313	LSPB	+CA1K	UTILITY MODEL APPLICATION PUBLISHED	REF DOCUMENT NUMBER : 1226406 COUNTRY OF REF DOCUMENT : ES KIND CODE OF REF DOCUMENT : U DESIGNATED STATE(S) : EFFECTIVE DATE : 20190313