

Search history

Search 1: IC=H04W16/00 (Results 7357)
Search 2: IC=H04W16/14 (Results 7748)
Search 3: IC=H04W7200 (Results 0)
Search 4: IC=H04W72/00 (Results 15486)
Search 5: 1 or 2 or 4 (Results 27399)
Search 6: 5 and spectral (Results 3100)
Search 7: 6 and opportunities (Results 335)
Search 8: 7 and occupancy (Results 71)
Search 9: 8 and cellular (Results 58)
Search 10: 9 and propagation (Results 27)
Search 11: 10 and identifies (Results 12)
Search 12: aeroponic and system (Results 410)
Search 13: 12 and sensor (Results 103)
Search 14: 13 and potato (Results 9)

Title: METHOD AND APPARATUS FOR ANAEROBICALLY DEGRADING POLLUTANTS WITH ALKANES

Abstract: A method and apparatus are disclosed in which alkanes such as butane are used to degrade pollutants such as tetrachloroethylene (PCE) and carbon tetrachloride (CT) at contaminated sites. In a preferred embodiment, pollutant concentrations are reduced by injecting a butane substrate into a contaminated area to stimulate the growth of anaerobic butane-utilizing bacteria which degrade the pollutants. In addition to the anaerobic treatment, the area may optionally be treated aerobically by switching from anaerobic to aerobic conditions.

Classifications:

International (IPC 8-9): A01B79/02 A01C23/02 A01G29/00 A01G33/00 A01G7/00 A01G7/06 A01K61/00 A01K61/02 A01K63/04 A01K67/00 A01N27/00 A62D3/00 A62D3/02 B01D53/70 B09C1/10 C02F3/00 C02F3/02 C02F3/28 C02F3/30 C02F3/34 C09K8/52 C12N1/20 C12N1/28 E21B37/06 (Advanced/Invention); A62D3/00 A62D3/02 B01D53/70 C02F3/02 C12N1/20 C12R1/40 (Advanced/Non-invention); A01B79/00 A01C23/00 A01G29/00 A01G33/00 A01G7/00 A01G7/06 A01K61/00 A01K61/02 A01K63/04 A01K67/00 A01N27/00 A62D3/00 B01D53/70 B09C1/10 C02F3/00 C02F3/02 C02F3/28 C02F3/30 C02F3/34 C12N1/20 C12N1/26 (Core/Invention); A01N (Subclass/Invention)

International (IPC 1-7): A01B79/02 A01G33/00 A01G7/00 A01K61/00 A01K61/02 A01K67/00 A01N27/00 A01N43/76 A62D3/00 B01D53/70 B09C1/10 C02F103/06 C02F3/00 C02F3/28 C02F3/30 C02F3/34 C12N1/20 C12N1/26 C12N1/28 E21B37/06

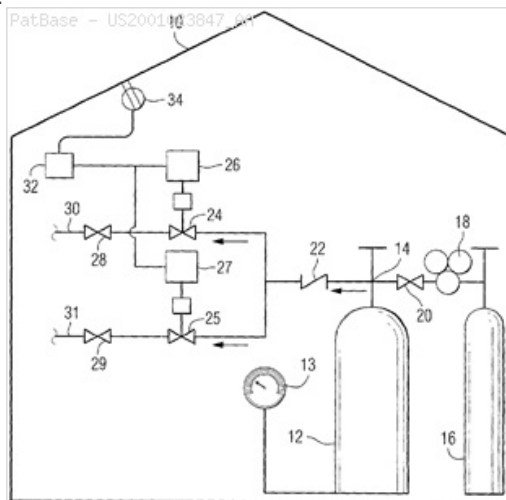
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European: A01C23/02C2 A01G29/00 A01G7/06 A01K61/00 A01K63/04 A01N27/00 A62D3/00 B01D53/70 B01D53/85 B09C1/00B B09C1/02 B09C1/10 C02F1/76 C02F3/00 C02F3/30 C02F3/34 C02F3/34A C02F3/34D C02F3/34Z C02F9/00 C05F17/00F C09K8/52 C12N1/28 L01D251/102 L01D251/208 L01D251/95 L01D257/206B L01D257/206C L01D257/702R M02F101/10A M02F101/10B M02F101/16 M02F101/20 M02F101/20B M02F101/20D M02F101/22 M02F101/32 M02F101/32B M02F101/36 M02F101/40 M02F103/00E M02F103/06 M02F103/10 M02F103/14 M02F103/16 M02F103/20 M02F103/22 M02F103/28 M02F103/32F M02F103/34S M02F11/12C4 M02F3/12A6 M02F3/28 M02F3/28S M02F3/34 M02F303/02 M02F303/24 M02F305/06

US: 119/231 166/246 166/246S 166/304 166/312 166/312S 166/403 166/403S 210/150 210/170 210/170.07 210/198.1 210/198.100P 210/209 210/220 210/241 210/603 210/605 210/610 210/611 210/62 210/620 210/747 210/747.1 210/747.5 210/747.7 210/747.9 210/908 210/909 210/912 210/913 210/914 405/128.45 405/128.7 405/129.2 435/262 435/262.5 47/58.10R 47/58.1R 47/58.1SC 47/581R

Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: GLOBAL BIOSCIENCES INC

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: APPARATUS AND METHOD FOR GROWING ONE OR MORE PLANTS

Abstract: The present invention relates to an apparatus for growing one or more plants, wherein the apparatus includes at least one first and one second chamber which are separated from each other by a first dividing wall, wherein the inner spaces of the first and the second chamber are connected by one or more connecting openings in the first dividing wall, and wherein the second chamber includes one or more exit openings which are arranged on a second dividing wall.

Classifications:

International (IPC 8-9): A01G A01G31/02 A01G9/02 A01G9/14 A01G9/16 (Advanced/Invention);

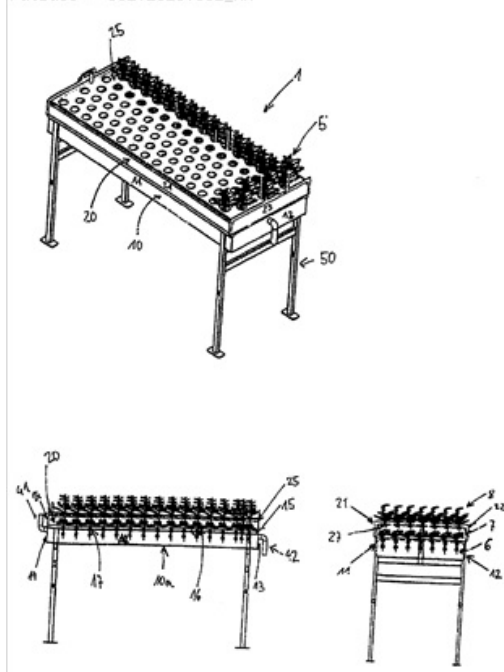
A01G (Subclass/Invention)

CPC: A01G31/02 A01G9/1423 A01G9/028 Y02A40/252 Y02P60/216

European: A01G31/02 A01G9/14C

US: 47/59R 47/59S 47/62N

PatBase - US2013160362_AA



Family:

Publication number	Publication date	Application number	Application date
AU2010360622 AA	20120322	AU20100360622	20101029
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Priority:

DE201020012739U 20100917 EP20100779232 20101029 WO2010EP06626 20101029
 NZ20100607833 20101029

Probable Assignee: HORTICOOP BV

Assignee(s): (std): DAAS KAMAL ; DAAS TAI AI ; DAAS TALAL ; HORTICOOP B V ; DRIFT PETER VAN D ; HORTICOOP BV ; DAS KAMAL ; DAS TALAL ; KHORTIKOOP BV ; KAMAL DAAS ; VAN DER DRIFT PETER ; TALAL DAAS

Assignee(s): DAAS ; DAAS TALAL NAPERVILLE

Inventor(s): (std): DAAS KAMAL ; DAAS TAI AI ; DAAS TALAL ; DRIFT PETER VAN D ; VAN DER DRIFT PETER ; DAS TALAL ; DAS KAMAL

Inventor(s): TALAL DAAS ; PETER VAN D DRIFT ; KAMAL DAAS ; DAAS TALAL NAPERVILLE

Agent(s): CULLENS PATENT AND TRADE MARK ATTORNEYS; SPRUSON AND FERGUSON; CULLENS PTY LTD; SHAPIRO COHEN; AVENTUM IP LAW LLP; LORENZ SEIDLER GOSSEL RECHTSANWAELTE PATENTANWAELTE PARTNERSCHAFT MBB; HERRMANN UWE; CARVAJAL Y ISABEL; EITAN MEHULAL AND SADOT; NILGUEN DINKCI TASCI; HERRMANN UWE ET AL

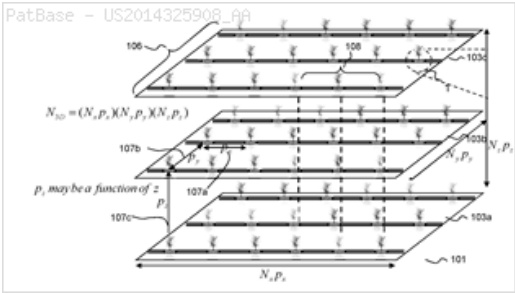
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Title: HIGH DENSITY THREE DIMENSIONAL MULTI-LAYER FARMING

Abstract: In order to achieve food and energy security, while at the same time eliminating the "food vs. biofuel" conflict, a transformational three dimensional multilayer farming, MLF, is presented. This exploits the third dimension. This goal is realizable by the disclosed means and methods to increase the 3D plant productivity, 3D yield, ton/m3/year, using ultra-compact ultra high density vertical structures. Each layer in the MLF **system** comprises at least one string of SanSSoil Growth Elements, SGEs, each designed to carry out multiple functions essential to sustain plant growth, and constructed in a manner to integrate these functions at low-cost. The networked strings of SGEs in each layer provide near self-sufficiency for growth, and in an integrated MLF **system**, achieve maximum vertical compactness and highest growth density. The multi-functions of each integrally made SGE include: germination, growth sustenance, localized delivery of nutrients, environment sensing, and localized delivery of illumination.

Classifications:

International (IPC 8-9): A01G1/00 A01G3/00 A01G31/00 A01G31/02 A01G31/06 G05D27/02 (Advanced/Invention)
CPC: A01G31/02 A01G31/06 Y02P60/216 G05D27/02 A01C1/02 A01G31/00 Y02P60/12 A01G22/00
US: 47/62A 47/62N 47/62R 700/90



Family:

Publication number	Publication date	Application number	Application date
US2014325908 AA	20141106	US20130887334	20130505
US2014330406 AA	20141106	US20130887333	20130505
US9606553 BB	20170328	US20130887333	20130505
WO14182600 A1	20141113	WO2014US36754	20140505

Priority:

US20130887333 20130505 US20130887334 20130505 US20130887336 20130505
US20130887337 20130505

Probable Assignee: FARIS SADEG M

Assignee(s): (std): FARIS SADEG M

Inventor(s): (std): FARIS SADEG M

Agent(s): ABELMAN FRAYNE AND SCHWAB; CRISPINO RALPH J

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: TRAVELING SEED AMPLIFIER, TSA, CONTINUOUS FLOW FARMING OF MATERIAL PRODUCTS, MP

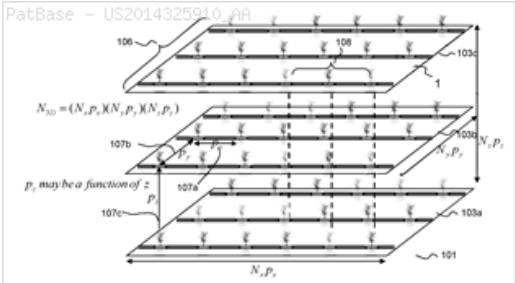
Abstract: A novel continuous flow farming method for the production of material products is introduced. It is based on 3D SansSoil, (soil-less) mobile multi-layer architecture comprising the traveling seed amplifier, TSA concept, which features the continuous planting of seed mass m_i in planting layers, and synchronously harvesting an amplified mass $M=Gsthm_i$, where $Gsth$ is the seed to harvest TSA gain and compresses the intrinsic seed to harvest time, $tsth$, by a factor of $N/tsth$, where N is the number of traveling layers. The TSA continuous flow farming increases the volumetric productivity and 3D yield. In 3D tower architecture, and for plants with short heights annual yield per hectare increases in the range of several 100 to several 1000 are feasible. This architecture saves land, water, nitrate and phosphate resources, alleviating the "food vs. biofuel" concerns, and paving the pathway for food and energy sovereignty.

Classifications:

International (IPC 8-9): A01G31/06 (Advanced/Invention)

CPC: A01G31/06 Y02P60/216

US: 47/62R



Title: CONTAINER FOR SUPPLYING PLANT ROOTS WITH NUTRIENT SOLUTION WITHOUT THE USE OF SOIL

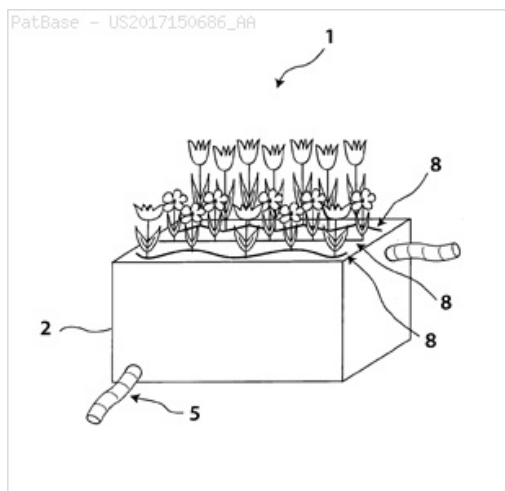
Abstract: A container (1) for supplying plant roots with nutrient solution without the use of soil has a basic shape which is selected from the group of basic shapes comprising cubes, cuboids, ellipsoids, spheres, rings, pyramids, cones, prisms and cylinders as well as combinations and parts of these shapes and asymmetrical shapes. The container (1) has an interior, which is provided for accommodating the plant roots, and a separating slot (8), which is arranged at a boundary of the container interior and is designed to subject at least one plant to clamping-in action, while at the same time allowing said plant to grow.

Classifications:

International (IPC 8-9): A01G A01G31/00 A01G31/02 A01G9/02 B05B17/00 B65D43/16 (Advanced/Invention);

A01C (Subclass/Invention)

CPC: Y02P60/216 A01G9/02 A01G31/00 B65D43/161 B05B17/00 A01G31/02



Family:

Publication number	Publication date	Application number	Application date
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GB2538461 A1	20161116	GB20160014615	20150123
NO20161360 A	20160824	NO20160001360	20160824
SG11201605997W A1	20160830	SG20161105997	20150123
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Priority:

DE201410000942 20140124 DE201510000456 20150115 WO2015EP00132 20150123

Probable Assignee: ERBACHER CLEMENS MR

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Assignee(s): ERBACHER CLEMENS MR

Inventor(s): (std): CLEMENS ERBACHER ; ERBACHER CLEMENS

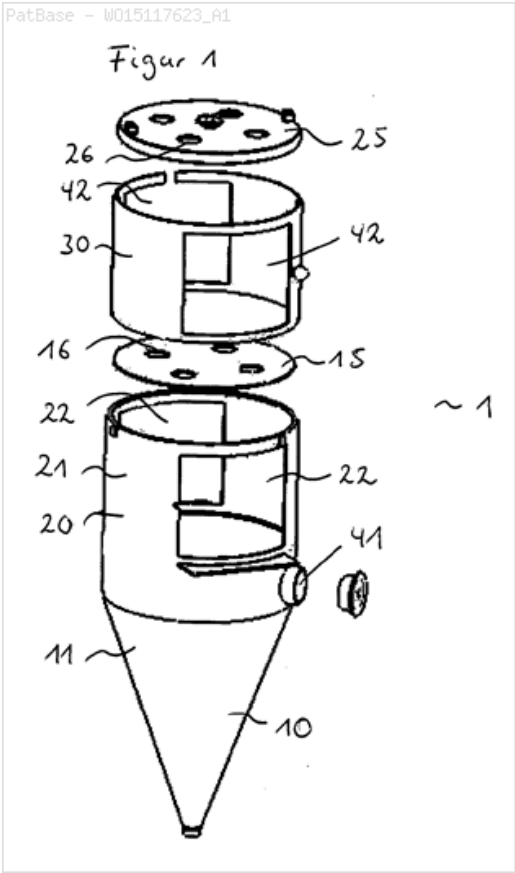
Agent(s): ERBACHER CLEMENS MR; MACPHERSON LESLIE AND TYERMAN LLP; MEYER RUDOLF

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: DEVICE FOR GROWING ONE OR MORE PLANTS

Abstract: The invention relates to a device (1) for growing one or more plants. The device has at least one first (10) and at least one second chamber (20) which are separated by a first partition (15). The interiors of the first and second chamber are delimited by one or more walls (11, 12) and are connected by one or more connection openings (16) in the first partition. The second chamber has one or more outlet openings (26) which are arranged on a second partition (25). At least one wall of the first and/or the second chamber has at least one opening (22) which can be closed and opened by at least one closure element (30) that can be moved relative to the opening.

Classifications:
International (IPC 8-9): A01G31/02 (Advanced/Invention)
CPC: A01G31/02 Y02P60/216



Family:

Publication number	Publication date	Application number	Application date
CN106028793 A	20161012	CN201480075032	20140206
DE502014008275 D1	20180614	DE201450008275T	20140206
DK3102022 T3	20180806	DK20140703539T	20140206
EP3102022 A1	20161214	EP20140703539	20140206
EP3102022 B1	20180516	EP20140703539	20140206
WO15117623 A1	20150813	WO2014EP00326	20140206

Priority:

EP20140703539 20140206 WO2014EP00326 20140206

Probable Assignee: DAAS TALAL

Assignee(s): (std): DAAS KAMAL ; DAAS TALAL ; HORTICOOP BV

Assignee(s): DAAS TALAL NAPERVILLE

Inventor(s): (std): DAAS KAMAL

Agent(s): LORENZ SEIDLER GOSSEL RECHTSANWAELTE PATENTANWAELTE PARTNERSCHAFT MBB; HERRMANN UWE; LORENZ SEIDLER GOSSEL ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: GROWING **SYSTEMS** AND METHODS

Abstract: Growing **systems** may include a number of modular growing chambers adapted to be configured in a stacked arrangement with each growing chamber surrounding a corresponding portion of the plant. The grow chambers may be selectively added or removed during plant growth, such that different sections of the growing plant may be influenced differently using **aeroponic**, hydroponic or other growing techniques. The grow chamber stack may be portable and provided with integrated or independent lifting devices to assist an operator in adding or removing chambers from the stack. Three growing processes may be facilitated using such **systems**. These include a process for producing assorted product from a single plant for simultaneous harvest, a process for producing an extended harvest of a desired size product from a single plant, and a process for extending the productive life of a plant and provide for multiple, continued, and perpetual harvest.

Classifications:

International (IPC 8-9): A01G A01G1/00 A01G3/08 A01G31/00

A01G31/02 A01G31/04 A01G31/06 A01G9/00 A01G9/02

A01G9/10 (Advanced/Invention);

A01G31/00 (Advanced/Non-invention);

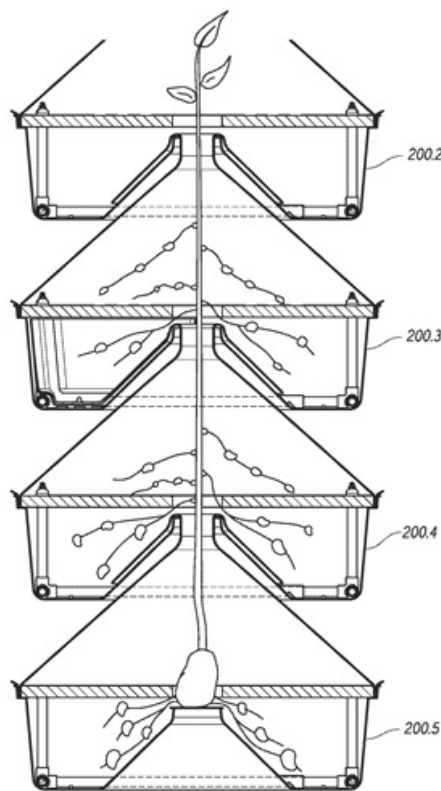
A01G (Subclass/Invention)

CPC: A01G31/04 A01G2031/006 A01G31/06 Y02P60/216 A01G2/00

A01G9/022 A01G22/25 A01G3/081

US: 47/60

PatBase - US2017099791_AA



Family:

Publication number	Publication date	Application number	Application date
CA3001059 AA	20180404	CA20163001059	20161007
EP3358940 A1	20180815	EP20160854521	20161007
IL258437 A0	20180531	IL20160258437	20161007
IN201817011416 A	20180720	IN201817011416	20180327
KR20180066072 A	20180618	KR20187009746	20161007
US2017099791 AA	20170413	US20160289072	20161007
US2018064048 AA	20180308	US20170799961	20171031
US9848545 BB	20171226	US20160289072	20161007
WO17062918 A1	20170413	WO2016US56191	20161007

Priority:

US20150238733P 20151008
US20170799961 20171031

US20160289072 20161007

WO2016US56191 20161007

Probable Assignee: JOSEPH TIMOTHY E

Assignee(s): (std): CAPOCCIA JOSEPH L ; DRIPS BRYAN M ; JOSEPH TIMOTHY E ; MASSIVIA GROW HOLDINGS LLC ; RUBENSON ZACHARY E K ; THOMSEN ALEX A

Assignee(s): RUBENSON ZACHARY EK

Inventor(s): (std): CAPOCCIA JOSEPH L ; DRIPPS BRYAN M ; DRIPS BRYAN M ; JOSEPH TIMOTHY E ; THOMSEN ALEX A ; RUBENSON ZACHARY E K

Inventor(s): RUBENSON ZACHARY EK

Agent(s): RIDOUT AND MAYBEE LLP; POTTER CLARKSON LLP; JOHN F; ROLLINS JOHN F

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SISTEMA DE RIEGO POR AEROPONIA PARA LA PRODUCCION CONTROLADA EN VARIABLES DE LA PAPA Irrigation
SYSTEM FOR THE PRODUCTION OF **POTATO AEROPONICS** CONTROLLED VARIABLES (Machine translation)

Classifications:

International (IPC 8-9): A01G25/00 A01G25/02 A01G25/16 (Advanced/Invention)

Family:

Publication number	Publication date	Application number	Application date
CO20160005923 A1	20180105	CO20160005923	20161227

Priority:

CO20160005923 20161227

Probable Assignee: INSTITUCION UNIVERSITARIA DE ENVIGADO

Assignee(s): INSTITUCION UNIVERSITARIA DE ENVIGADO

Inventor(s): ANDRES JULIAN YEPES RESTREPO

Agent(s): MILENA MEJIA OSORIO

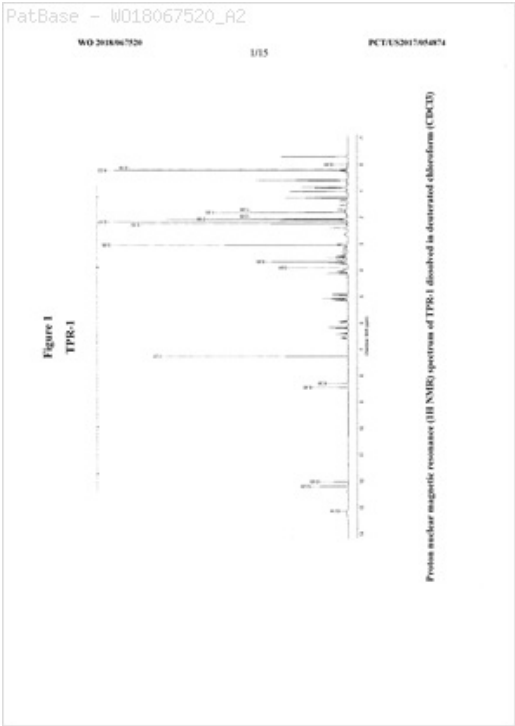
Title: THERAPEUTIC AGENTS AND METHODS:

Abstract: The invention provides glucocorticoid receptor antagonists for treatment of infection, neoplasia, and fatty liver disease.

Classifications:

International (IPC 8-9): A61K31/7052 A61K9/48 (Advanced/Invention)

CPC: A61K31/7052 A61K9/00



Family:

Publication number	Publication date	Application number	Application date
WO18067520 A2	20180412	WO2017US54874	20171003

Priority:

US20160404036P 20161004	US20160412414P 20161025	US20160420578P 20161111
US20160433988P 20161214	US20160441076P 20161230	US20160440636P 20161230
US20170442478P 20170105	US20170449195P 20170123	US20170474738P 20170322
US20170501811P 20170505	US20170517289P 20170609	

Probable Assignee: POP TEST ONCOLOGY LLC

Assignee(s): (std): POP TEST ONCOLOGY LLC

Inventor(s): (std): ALTSCHUL RANDICE LISA ; ARMENT ANTHONY R ; KESEL ANDREAS J ; O BRIEN REBECCA ; RAPKIN MYRON ; THEISE NEIL DAVID

Agent(s): MURPHY JOSEPH F

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW