

Search history

Search 1: coral AND (breeding OR nursery) (Results 819)
Search 2: coral AND (breeding OR nursery) AND sensor (Results 48)

Title: **BREEDING**, PRODUCTION, PROCESSING AND USE OF SPECIALTY CANNABIS

Abstract: The invention provides compositions and methods for the **breeding**, production, processing and use of specialty cannabis.

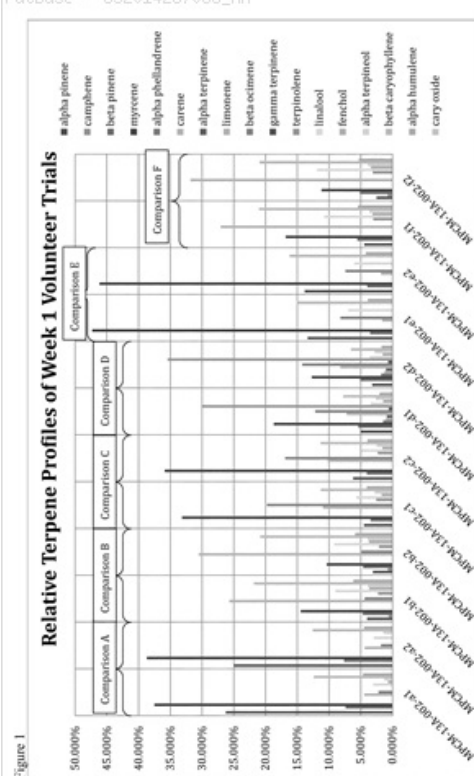
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US: 1/1 424/725 424/778 435/410 47/58.1R 800/260 800/266 800/298

PatBase - US2014287068_AA



Family:

Publication number	Publication date	Application number	Application date
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US20130801528P	20130315	US20130897074P	20131029	US20140216650	20140317
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CA20182911168	20180806	CA20182911168	20180905		

Probable Assignee: BIOTECH INST LLC

Assignee(s): (std): BIOTECH INST LLC

Assignee(s): GIESE MATTHEW ; LEWIS MARK ANTHONY ; BACKES MICHAEL DANE

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Inventor(s): MICHAEL DANE BACKES ; MATTHEW GIESE ; MARK ANTHONY LEWIS

Agent(s): DEETH WILLIAMS WALL LLP; TORYS LLP; STEPHEN ROBERT JOHN; COOLEY LLP; VEITENHEIMER ERICH 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: CIRCULARLY PERMUTED FLUORESCENT PROTEIN INDICATORS

Abstract: Polynucleotides encoding fluorescent indicators, which contain a **sensor** polypeptide inserted within a fluorescent moiety, are provided, as are polypeptides encoded by such polynucleotides. Also provided are circularly permuted fluorescent polypeptides and polynucleotides encoding the circularly permuted fluorescent polypeptides. In addition, methods of using the fluorescent indicators and the circularly permuted fluorescent polypeptides are provided.

Classifications:

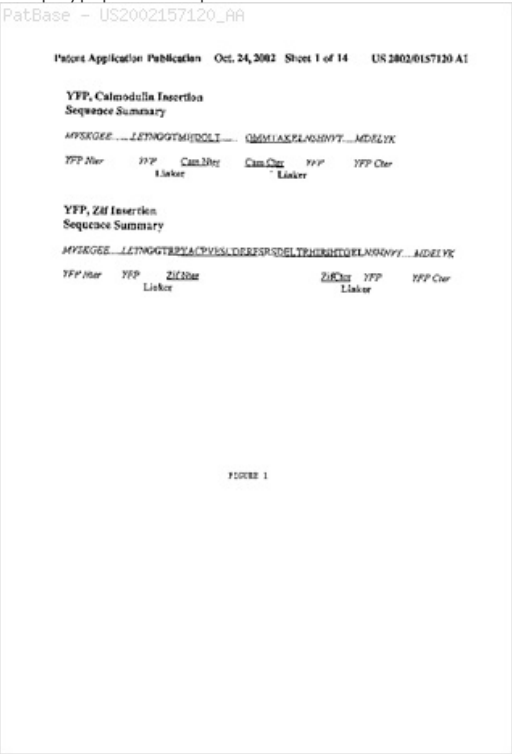
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International (IPC 1-7): A01K67/00 C07H21/04 C07K14/00 C07K14/435 C12N1/21 C12N15/00 C12N15/12 C12N15/63 C12N5/00 C12N5/06 C12P21/02

CPC: C07K14/43595

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Priority:

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US20010999745 20011023

Probable Assignee: HOWARD HUGHES MEDICAL INST

Assignee(s): (std): BAIRD GEOFFREY ; TSIEN ROGER Y ; UNIV CALIFORNIA

Assignee(s): UNIV ; UNIV OF CALIFORNIA ; HOWARD HUGHES MEDICAL INST ; NATIONAL INST ; NATIONAL INSTITUTES OF HEALTH ; NATIONAL INSTITUTES OF HEALTH (NIH) US DEPT OF HEALTH AND HUMAN SERVICES (DHHS) US GOVERNMENT ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT ; OF CALIFORNIA UNIV ; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA ; THE UNIV OF CALIFORNIA

Inventor(s): (std): BAIRD GEOFFREY ; BAIRD GEOFFREY A ; TSIEN ROGER Y

Inventor(s): GEOFFREY A BAIRD ; ROGER Y TSIEN

Agent(s): TOWNSEND AND TOWNSEND AND CREW LLP

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

Title: APPARATUS FOR VACUUMING POLLUTION FROM A BODY OF WATER

Abstract: A floatable-material harvester is disclosed, including a vacuum source, transport hose, and a floatable-material receiver. In one embodiment, the transport hose has at least one air inductor/intake along its length, which allows air to enter the transport hose to accelerate its contents, by negative pressure air induction. In another embodiment, a transport hose has at least one floatable-material thruster along its length, comprised of at least one nozzle, which provides pressurized fluid (e.g., air or water) in the direction of the flow of the harvested floatable material by positive pressure induction. A method is disclosed whereby the floatable material harvester is used to harvest an absorbent material (e.g., wood chips, straw, perlite, zeolite, polypropylene mesh, titanate nanofibres) that has absorbed a pollutant (e.g., oil, solvent, radioactive isotopes) from a beach or in water.

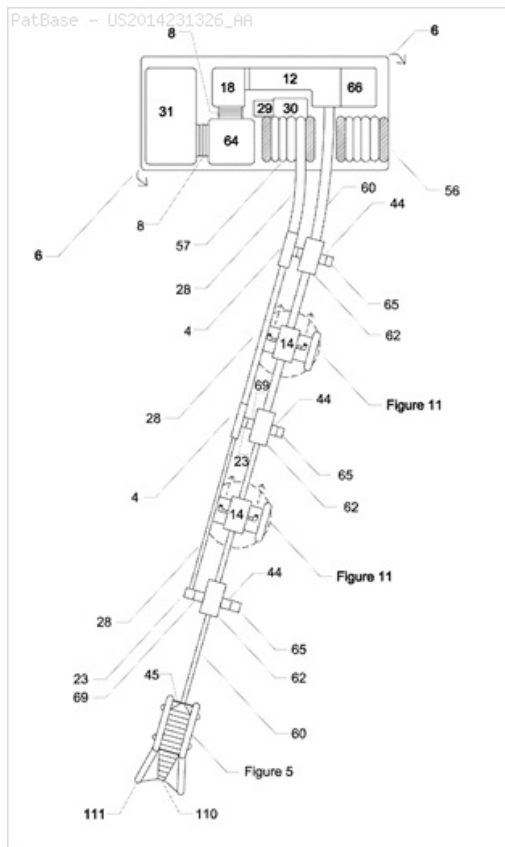
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US: 210/137 210/143 210/170.01 210/170.05 210/242.1 210/85



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Publication number	Publication date	Application number	Application date
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Probable Assignee: ISLAND AND PRAIRIE SUCTION TECH INC

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Inventor(s): (std): BILEY JONATHAN K ; BILEY JONATHAN KARL WAYNE ; FARRELL SEAN CAREIS ; NG SARAH

Inventor(s): UNKNOWN ; BILEY JONATHAN K115-19567 FRASER HWYSURREYB1V3S 9A4CA

Agent(s): BILEY JONATHAN KARL WAYNE MR

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 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: SEQUENCE-DETERMINED DNA ENCODING AP2 DOMAIN POLYPEPTIDES

Abstract: The present invention provides DNA molecules that constitute portions of the genome of a plant. The DNA molecules are useful for expressing a gene product, either as a promoter or as a structural gene or as an UTR or as an 3' termination sequence and are also useful in controlling expression of the target gene or as tools for genetic mapping or identification of a particular individual plant or for clustering of a group of plants with a common trait.

Classifications:

International (IPC 8-9): A01H1/00 A01H5/00 C07H21/00 C07H21/02 C07H21/04 C07K14/00 C07K14/415 C07K16/00 C07K16/16 C07K16/18 C12N1/20 C12N15/00 C12N15/11 C12N15/113 C12N15/29 C12N15/52 C12N15/61 C12N15/63 C12N15/82 C12N15/87 C12N5/04 C12N5/10 C12N5/14 C12N9/00 C12N9/02 C12N9/10 C12N9/16 C12N9/88 C12P21/06 C12Q1/68 C12Q1/6876 (Advanced/Invention); C07K14/415 C12N1/20 C12N15/00 C12N15/11 C12N15/52 C12N15/62 C12N5/04 C12N5/14 C12N9/90 C12Q1/68 (Advanced/Non-invention);

A01H1/00 A01H5/00 C07H21/00 C07K14/00 C07K14/415 C07K16/16 C07K16/18 C12N15/00 C12N15/11 C12N15/29 C12N15/63 C12N15/82 C12N15/87 C12N5/04 C12N5/10 C12Q1/68 (Core/Invention)

International (IPC 1-7): A01H1/00 A01H5/00 C07H21/00 C07K14/415 C07K16/16 C12N15/11 C12N15/29 C12N15/63 C12N15/82 C12N5/04 C12N5/10 C12Q1/68

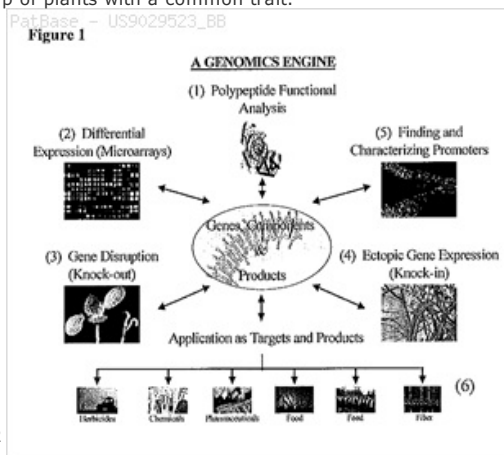
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US: 1/1 435/183 435/189 435/193 435/232 435/233 435/252.3 435/320.1 435/320.100S 435/325 435/410 435/419 435/419S 435/455 435/455S 435/468 435/468S 435/6 435/6.1 435/6.100S 435/6.12 435/6.13 435/69.1 506/9 530/300 530/300S 530/350 530/350P 530/350S 530/370 530/370S 530/387.9 530/387.900S 536/23.1 536/23.100S 536/23.2 536/23.200P 536/23.6 536/23.600P 536/23.600S 536/24.1 536/24.100S 800/278 800/278P 800/295 800/298 800/298P

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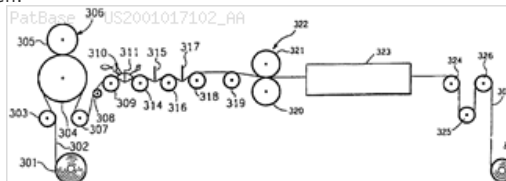
Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Title: METHOD AND APPARATUS FOR CONTROLLED PLACEMENT OF A POLYMER COMPOSITION INTO A WEB

Abstract: The present invention relates to an apparatus for controlling the placement of a curable, shear-thinnable polymer composition into a porous web. The apparatus comprises means for applying tension, means for applying the polymer composition to one surface of the tensioned web, and means for shear thinning the composition and placing it into the web to encapsulate at least some of the structural elements of the web, leaving most of the interstitial spaces open. A preferred apparatus includes one or more process heads that has mounted thereto a rigid knife blade for engagement with the web. The knife blade is movable vertically and rotationally. The process head is also movable horizontally along the path of the web. The invention also relates to an apparatus for selectively placing the polymer composition in a substantially continuous region extending through the web so that the polymer composition fills the interstitial spaces and adheres adjacent structural elements of the web in the region. In the areas of the web above and below the filled region, at least some of the structural elements are encapsulated and most of the interstitial spaces are open.

Classifications:

International (IPC 8-9): A41D31/00 A61F13/00 A61F13/15 A61F13/49 A61F13/53 A61F5/44 A61L15/16 A61L15/22 A61L15/26 A61L15/44 A61L15/52 B05C11/00 B05C11/02 B05C11/04 B05C3/172 B05C3/18 B05D1/26 B05D1/28 B05D3/12 B32B5/18 C07K1/22 C08J9/40 C08J9/42 C08L83/07 C09D183/07 C12Q1/70 C14C11/00 C14C9/00 D04H1/40 D04H1/42 D04H1/58 D04H1/64 D04H13/00 D06B15/08 D06M10/00 D06M10/10 D06M11/00 D06M15/256 D06M15/263 D06M15/356 D06M15/37 D06M15/564



D06M15/643 D06M15/653 D06M15/657 D06M23/00 D06M23/14 D06N3/00 D06N3/04 D06N7/00 D21H17/59 D21H19/32 D21H23/38 D21H25/06 G01N33/544 G01N33/569 G01N33/573 (Advanced/Invention); A41D31/00 A61F5/44 A61L15/16 B05C11/04 B05D1/26 B05D3/12 B32B5/18 D04H1/40 D06M10/00 D06M11/00 D06N7/00 (Advanced/Non-invention); A41D31/00 A61F13/00 A61F13/15 A61F5/44 A61L15/16 B05C11/02 B05C3/00 B05C3/02 B05D1/26 B05D3/12 B32B5/18 C08J9/00 C09D183/07 C14C11/00 C14C9/00 D04H1/40 D04H1/42 D04H1/58 D04H1/64 D04H13/00 D06B15/00 D06M10/00 D06M11/00 D06M15/21 D06M15/37 D06N3/00 D06N3/12 D06N7/00 D21H17/00 D21H19/00 D21H23/00 D21H25/00 (Core/Invention); B05C11/02 (Core/Non-invention)

International (IPC 1-7): A01N25/34 A41D31/00 A61B19/08 A61F13/00 A61F13/15 A61F13/46 A61F13/49 A61F13/53 A61F5/44 A61L15/16 A61L15/22 A61L15/44 A63B39/00 B05C11/00 B05C11/04 B05C3/132 B05C3/172 B05C3/18 B05C5/00 B05C5/02 B05D1/00 B05D1/26 B05D1/28 B05D1/42 B05D3/12 B05D5/00 B05D5/12 B21F9/00 B32B3/06 B32B3/14 B32B5/18 B32B5/32 B32B7/02 B32B9/04 C07K1/22 C07K1/22 C08J7/00 C08L83/07 C09D183/07 C12N15/48 C12N15/86 C12N7/01 C12Q1/68 C12Q1/70 D03D3/00 D04H1/40 D04H1/42 D04H1/64 D04H1/65 D04H1/66 D06C3/00 D06C5/00 D06H1/64 D06H1/64 D06M10/10 D06M11/00 D06M15/256 D06M15/263 D06M15/364 D06M15/364 D06M15/37 D06M15/37 D06M15/564 D06M15/643 D06M15/70 D06M23/00 D06M23/14 D06N3/12 D06N7/00 D21H23/38 G01N33/543 G01N33/544 G01N33/544 G01N33/569 G01N33/569 G01N33/573 G01N33/573

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European: A61F13/00 A61F13/00A2 A61F13/00A4 A61F13/00A6B A61F13/00B6 A61F13/15M10 A61F13/15M6C A61F13/15M6D A61F13/15M7 A61F13/15M9 A61F13/49B A61F13/505 A61F13/512 A61F13/514 A61F13/514A A61F13/514A1 A61F13/514A2 A61F13/514B1 A61F13/514B1B A61F13/514C1 A61F13/514C2A A61F13/537A A61F13/537B A61F13/84 A61L15/26 A61L15/52 B05C11/02 B05C3/18 C08J9/40 C08J9/42 C14C11/00 C14C9/00 D04H1/42 D04H1/58 D04H1/64 D04H1/64C D04H13/00B2 D06B15/08 D06M15/256 D06M15/263 D06M15/356T D06M15/564 D06M15/643 D06M15/653 D06M15/657 D06N3/00B D06N3/00B8G D06N3/00E D06N3/04F D06N3/12 D06N3/12F D21H17/59 D21H19/32 D21H25/06 K61F13/00 K61F13/00J13 K61F13/00J13B K61F13/00J4 K61F13/00L10 K61F13/00L10B K61F13/00L12B K61F13/00L12E K61F13/00L12E1 K61F13/00L2E6 K61F13/00L5A K61F13/00L5A5 K61F13/00L5A6 K61F13/15H8A2C3B K61F13/514 K61F13/537E4 K61F13/53Q4A1 K61F13/84B1B L05C11/04 M08J205/050 M08J427/00 M08J433/00 M08J475/00 M08J483/00 N06M101/06 N06M101/12 N06M101/26 N06M101/32 N06M101/34 N06M200/12 **US:** 118/123 118/304 118/33 118/33P 118/413 118/419 118/643 118/663 118/664 118/665 118/67 118/679 118/68 118/683 118/688 118/712 128/849 128/888 156/145 156/167 156/229 156/229S 156/272.2 156/278 2/114 2/83 2/901 424/278.1 424/402 424/404 424/443 424/499 427/10 427/171 427/171S 427/173 427/176 427/209 427/245 427/299 427/324 427/356 427/358 427/359 427/365 427/369 427/387 427/389 427/389.9 427/391 427/392 427/393.3 427/393.4 427/412 427/8 428/138 428/213 428/215 428/216 428/221 428/224 428/225 428/234 428/235 428/240 428/241 428/242 428/244 428/246 428/248 428/252 428/260 428/264 428/272 428/274 428/283 428/286 428/287 428/289 428/290 428/304.4 428/305.5 428/306.6 428/308.4 428/309.9 428/311.1 428/311.11 428/311.5 428/311.51 428/311.7 428/311.71 428/315.5 428/315.7 428/315.9 428/316.6 428/317.1 428/317.9 428/319.3 428/339 428/422 428/425.5 428/447 428/77 428/78 428/904 428/907 428/913 428/920 435/5 435/7.92 436/518 436/535 442/102 442/104 442/123 442/152 442/153 442/164 442/281 442/381 442/417 442/61 442/71 442/79 442/81 442/82 442/87 442/88 523/103 523/122 528/15 602/48 602/50 604/367 604/372 604/374 604/377 604/378 604/381 604/385.01 604/385.1 977/788 977/891 977/918

Family:

Publication number	Publication date	Application number	Application date
AT191523 E	20000415	AT19960920271T	19960517
AT195772 E	20000915	AT19960914668T	19960516
AT200114 E	20010415	AT19960915838T	19960516
AT254510 E	20031215	AT19960908808T	19960315
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AU198934406 A1	19891005	AU19890034406	19890313
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EP0826082 A2	19980304	EP19960915838	19960516
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EP0826083 A2	19980304	EP19960920271	19960517
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ES2159029 T3	20010916	ES19960915838T	19960516
IL117511 A0	19960723	IL19960117511	19960315
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JP10511024 T2	19981027	JP19960535088T	19960517
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US5004643 A	19910402	US19890319778	19890310
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US5209965 A	19930511	US19910680645	19910402
US5418051 A	19950523	US19930017855	19930216
US5698303 A	19971216	US19950486212	19950607
US5846604 A	19981208	US19950487004	19950607
US5856245 A	19990105	US19950479919	19950607
US5869172 A	19990209	US19950442983	19950517
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US5874164 A	19990223	US19950472568	19950607
US5876792 A	19990302	US19950407191	19950317
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US5912116 A	19990615	US19950486651	19950607
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US5954902 A	19990921	US19950476465	19950607
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US6312523 BA	20011106	US19990406080	19990927
WO8908553 A1	19890921	WO1989US01006	19890313
WO8908554 A1	19890921	WO1989US01008	19890313
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WO9630432 A2	19961003	WO1996US03501	19960315
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WO9636758 A3	19970213	WO1996US07000	19960516
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Probable Assignee: NEXTEC APPLICATIONS INC

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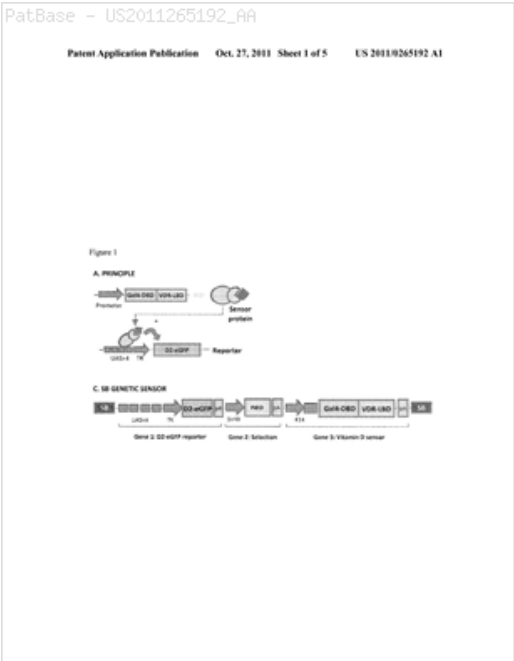
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Title: NUCLEAR RECEPTOR **SENSOR** SYSTEM IN TRANSGENIC ANIMAL

Abstract: A **sensor** system for detecting the activation of specific nuclear receptors in a tissue of an animal is provided. The nuclear receptor **sensor** system comprises a **sensor** component comprising a nuclear receptor or part thereof coupled to a DNA-binding domain, and a reporter component comprising a reporter gene. Transgenic animals, such as a transgenic pig is provided, which comprises the components of the nuclear receptor **sensor** system in its genome. Also methods of producing the transgenic animal is provided as well as use of the transgenic animal for evaluating the activity of a nuclear receptor in vivo.

Classifications:

International (IPC 8-9): A01K67/00 A01K67/027 C12N C12N15/12 C12N15/63 C12N15/85 C12N15/873 C12N5/10 C12Q1/02 C12Q1/68 G01N33/00 G01N33/15 G01N33/50 (Advanced/Invention); A01K67/027 C12N15/09 C12N15/12 C12N15/85 (Advanced/Non-invention); C12N15/63 (Core/Invention)
CPC: A01K2217/052 A01K2217/15 A01K2217/206 A01K2227/108 A01K2267/03 A01K2267/0393 C07K14/721 C12N15/8509
European: C07K14/72A C12N15/85A K01K217/05A K01K217/15 K01K217/20B K01K227/10S K01K267/03 K01K267/03R
US: 435/325 435/325S 435/6.1 435/6.100S 435/6.13 435/6.130S 800/13 800/13S 800/14 800/14S 800/17 800/17S 800/18 800/18S 800/21 800/21S 800/3 800/3P



Family:

Publication number	Publication date	Application number	Application date
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HK1158682 A3	20120720	HK20110112958	20111129
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Priority:

DK20080001241 20080905 WO2009DK50225 20090903

Probable Assignee: AARHUS UNIVERSITET

Assignee(s): (std): BOLUND LARS AXEL ; KRISTIANSEN KARSTEN ; MIKKELSEN JACOB GIEHM ; OF SOUTHERN DENMARK UNIV ; STAUNSTRUP NICKLAS HEINE ; UNIV AARHUS ; UNIV SYDDANSK ; AARHUS UNIV

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Inventor(s): (std): AXEL BOLUND LARS ; BOLUND LARS AXEL ; GIEHM MIKKELSEN JACOB ; HEINE STAUNSTRUP NICKLAS ; KARSTEN KRISTIANSEN ; KRISTIANSEN KARSTEN ; MIKKELSEN JACOB GIEHM ; STAUNSTRUP NICKLAS HEINE

Inventor(s): NICKLAS HEINE STAUNSTRUP ; LARS AXEL BOLUND ; JACOB GIEHM MIKKELSEN

Agent(s): GRIFFITH HACK; GOWLING LAFLEUR HENDERSON LLP; HOEIBERG A S; ELLA CHEONG HONG KONG LTD; MOEGI PATENT OFFICE

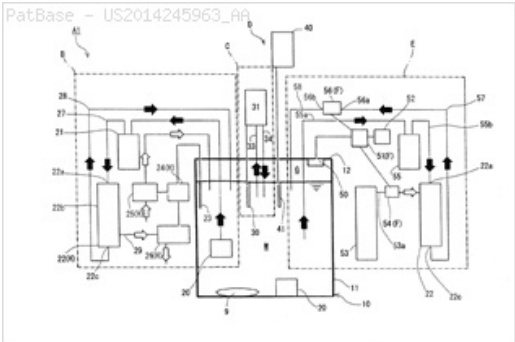
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Title: AQUATIC ORGANISM REARING SYSTEM AND AQUATIC ORGANISM REARING METHOD

Abstract: An object is to maintain the hydrogen sulfide concentration in rearing water at a constant value without measuring the hydrogen sulfide concentration in the rearing water. The present invention includes: a water tank 10 that stores rearing water W leaving a gas phase at an upper part; a gas **sensor** 50 to detect hydrogen sulfide gas concentration in the gas phase G; and a hydrogen sulfide supplying means F to supply hydrogen sulfide to the rearing water W based on a detection signal output from the gas **sensor** 50 so as to maintain a hydrogen sulfide concentration in the rearing water W at a predetermined value.

Classifications:

International (IPC 8-9): A01K61/00 A01K61/10 A01K61/40
A01K61/50 A01K61/54 A01K63/04 A01K63/06 (Advanced/Invention)
CPC: A01K63/042 A01K63/065 A01K61/10 A01K61/40 A01K61/54
A01K61/50 Y02A40/812 Y02A40/82 Y02A40/822
US: 119/268



Family:

Publication number	Publication date	Application number	Application date
DE602012044588 D1	20180426	DE201260044588T	20121003
EP2764774 A1	20140813	EP20120839060	20121003
EP2764774 A4	20150422	EP20120839060	20121003
EP2764774 B1	20180328	EP20120839060	20121003
JP2013051605 A1	20150330	JP20130537531T	20121003
JP5999848 B1	20160928	JP20130537531T	20121003
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Priority:

JP20110219498 20111003 EP20120839060 20121003 WO2012JP75641 20121003

Probable Assignee: JAPAN AGENCY FOR MARINE EARTH SCIENCE AND TECHNOLOGY

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Agent(s): WASNER MARITA; SUGHRUE MION PLLC; MATOBA MOTONORI

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 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 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: APPARATUS AND METHOD FOR COATING PARTICULATE MATERIAL

Abstract: A method and apparatus are defined for coating a particulate material. The apparatus includes a mixer having a mixing chamber. A quantity of particulate material is fed into an inlet of the mixing chamber. An agitator is provided for mixing and conveying the particulate material. A feed system is also provided for delivery of a coating into the mixing chamber. The coating is delivered as an atomized spray directed at the mixing particulate material within the mixing chamber. A controller is provided for adjusting the flow of the coating into the mixing chamber based on the volumetric feed rate of the particulate material.

Classifications:

International (IPC 8-9): A01B79/02 A01C21/00 A01G13/00
A01G13/02 A01G9/10 A01N25/08 A01N25/34 A01N33/18 A01N43/10
A01N47/44 A01N51/00 A01N53/00 B01F15/04 B01J2/00 B01J2/10
B05B1/14 B05B12/00 B05B12/12 B05B13/02 B05B15/00 B05B7/12
B05B9/03 B05D1/12 B05D5/00 C09K17/52

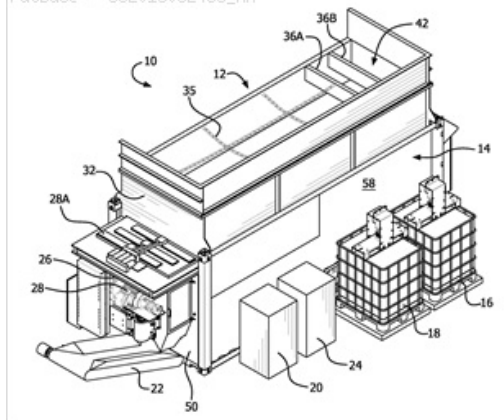
E02D3/00 (Advanced/Invention);

B05D1/02 (Advanced/Non-invention)

CPC: B05B12/006 B05B1/14 B05B7/12 B05B12/12 C09K17/52
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B05B13/025 A01G13/0262 B01J2/006 A01G24/00 B05B15/20
B05B15/003 B05B15/25 A01N25/08 A01N25/34 A01N47/44
A01N51/00 B05D1/02 B05D1/12 B05D2258/00 B05B9/03

US: 118/712 427/212 504/215

PatBase - US2016082458_AA



Family:

Publication number	Publication date	Application number	Application date
AU2014257070 AA	20141030	AU20140257070	20140424
AU2014257070 BB	20170803	AU20140257070	20140424
CA2909767 AA	20151015	CA20142909767	20140424
CA2949074 AA	20161114	CA20152949074	20150515
CA2950191 AA	20170530	CA20162950191	20161129
EP2988857 A1	20160302	EP20140728018	20140424
US2016082458 AA	20160324	US20140785283	20140424
US2016083651 AA	20160324	US20150954706	20151130
US2017080446 AA	20170323	US20150310924	20150515
US9950331 BB	20180424	US20140785283	20140424
US10113114 BB	20181030	US20150954706	20151130
WO14176413 A1	20141030	WO2014US35272	20140424
WO15199838 A1	20151230	WO2015US30998	20150515

Priority:

US20130816353P	20130426	EP20130168449	20130520	EP20140728018	20140424
US20140785283	20140424	WO2014US35272	20140424	US20140993330P	20140515
EP20140172826	20140617	WO2015US30998	20150515	US20150310924	20150515
US20150785283	20151016	US20150954706	20151130		

Probable Assignee: BASF SE

Assignee(s): (std): BASF CORP ; BASF CORPORATION ; BASF SE

Assignee(s): GRUNDER DOUGLAS EDWARD ; ROLLER DAVID CHAMBERLAIN ; PACKER BRENT CHRISTOPHER ; PHILLIPS LAURA BETH ; MOFFITT RICHARD ALAN JR ; PACKER BRENT ; ROLLER DAVID ; PHILLIPS LAURA ; MOFFITT RICHARD ALAN JR

Inventor(s): (std): MOFFITT RICHARD ALAN ; MOFFITT RICHARD ALAN JR ; MOFFITT RICHARD ALAN JR ; PACKER BRENT ; PACKER BRENT CHRISTOPHER ; PHILLIPS LAURA ; PHILLIPS LAURA BETH ; ROLLER DAVID ; ROLLER DAVID CHAMBERLAIN ; MOFFITT JR RICHARD ALAN ; GRUNDER DOUGLAS EDWARD

Inventor(s): MOFFITT JR

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; ROBIC; REITSTOETTER KINZEBACH; ARMSTRONG TEASDALE LLP; DURLING THOMAS J ET AL; ALI BASHIR M ET AL

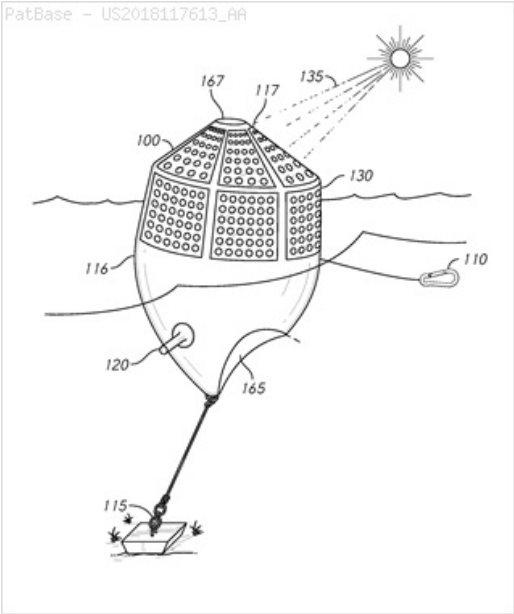
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Title: RESPONSIVE FLUID DISPERSION FOR CONTROLLED FOG AND MIST

Abstract: An apparatus unit that adjusts fluid dispersion in response to an independent variable such as an environmental factor, to optimize the drizzle, mist or fog effect by suspending fluid droplets of a specific size in a gas. A preferred embodiment is a solar powered pump, self-contained within a buoy over a coral reef, for the purpose of providing enough mist during the sunniest time of the day to reduce coral bleaching. The unit provides for sensing and measurement of the environment, then adapting the dispersion for optimum effect. The unit can provide proportional response, for example to deliver 100 percent misting during the most extreme periods of sunshine and 50 percent mist during a typically sunny time and no mist during a cloudy day. Several like or compatible units may be organized as a system for a more efficient effect or blanket effect over a wider domain and for a longer duration.

Classifications:

International (IPC 8-9): A01G25/16 A01M7/00 B05B1/02 B05B12/00 B05B12/02 B05B12/12 B05B13/00 B05B9/00 B05B9/04 C02F1/24 G01W1/16 (Advanced/Invention)
CPC: B05B12/02 B05B9/002 B05B13/005 B05B9/007 B05B12/006 B05B12/12 B05B9/04 B05B1/02 B05B17/08



Family:

Publication number	Publication date	Application number	Application date
US2018117613 AA	20180503	US20160568054	20160120
WO16118673 A1	20160728	WO2016US14198	20160120

Priority:

US20150106199P 20150121 US20160568054 20160120 WO2016US14198 20160120

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Inventor(s): ZITO ARTHUR 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: DETECTION OF TRANSMEMBRANE POTENTIALS BY OPTICAL METHODS

Abstract: Methods and compositions are provided for determining the potential of a membrane. In one aspect, the method comprises: (a) introducing a first reagent comprising a hydrophobic fluorescent ion capable of redistributing from a first face of the membrane to a second face of the membrane in response to changes in the potential of the membrane, as described by the Nernst equation, (b) introducing a second reagent which labels the first face or the second face of the membrane, which second reagent comprises a chromophore capable of undergoing energy transfer by either (i) donating excited state energy to the fluorescent ion, or (ii) accepting excited state energy from the fluorescent ion, (c) exposing the membrane to radiation; (d) measuring energy transfer between the fluorescent ion and the second reagent, and (e) relating the energy transfer to the membrane potential. Energy transfer is typically measured by fluorescence resonance energy transfer. In some embodiments the first and second reagents are bound together by a suitable linker. In one aspect the method is used to identify compounds which modulate membrane potentials in biological membranes.

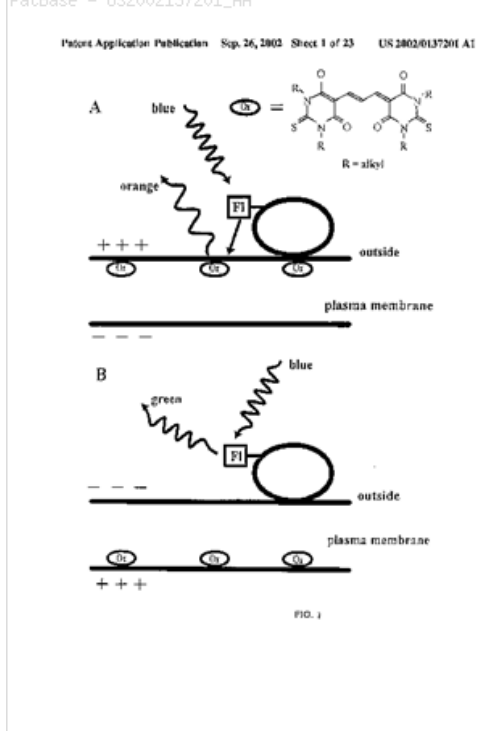
Classifications:

International (IPC 8-9): A01K67/00 A01K67/027 C07C251/02 C07D209/08 C07D209/30 C07D213/53 C07D213/74 C07D215/22 C07D215/227 C07D215/48 C07D215/50 C07D215/54 C07D239/32 C07D239/60 C07D239/62 C07D239/66 C07D239/80 C07D241/44 C07D265/36 C07D279/16 C07D307/14 C07D311/08 C07D311/16 C07D335/06 C07D403/02 C07D403/06 C07D487/04 C07F5/00 C07F5/02 C07F5/05 C07F9/06 C07F9/09 C07F9/10 C07F9/572 C07F9/65 C07F9/6512 C07K14/435 C07K14/47 C07K16/46 C09B23/00 C09B23/02 C09B23/12 C09B55/00 C09B57/00 C09B57/02 C09K11/06 C12N13/00 C12N15/09 C12N5/06 C12N5/071 C12N5/08 C12N5/10 C12Q1/00 C12Q1/02 C12Q1/66 G01N G01N13/00 G01N21/63 G01N21/64 G01N21/66 G01N21/76 G01N21/78 G01N27/41 G01N27/416 G01N33/15 G01N33/48 G01N33/483 G01N33/50 G01N33/52 G01N33/53 G01N33/533 G01N33/542 G01N33/58 G01N33/68 G01N33/92 (Advanced/Invention); C09B23/02 C09K11/06 C12N13/00 G01N21/64 (Advanced/Non-invention); C07D209/00 C07D213/00 C07D215/00 C07D239/00 C07D311/00 C07D335/00 C07F5/00 C07K14/43 C09B23/00 C09B55/00 C09B57/00 C09K11/06 G01N21/76 G01N21/77 G01N27/41 G01N33/48 G01N33/50 G01N33/52 G01N33/536 G01N33/58 G01N33/68 (Core/Invention); G01N (Subclass/Invention)

International (IPC 1-7): A01K67/033 C0743/02 C07D209/08 C07D209/30 C07D213/53 C07D213/74 C07D215/22 C07D215/48 C07D215/50 C07D215/54 C07D239/32 C07D239/60 C07D239/62 C07D239/66 C07D307/14 C07D311/08 C07D311/16 C07D335/06 C07F5/00 C07F5/02 C07F5/05 C07F9/547 C07F9/572 C07F9/6512 C07K14/435 C09B23/00 C09B23/02 C09B23/12 C09B55/00 C09B55/00 C09B57/00 C09B57/02 C09K11/06 C12N13/00 C12N15/09 C12N5/10 C12Q1/00 C12Q1/02 C12Q1/66 C12Q1/68 G01N21/64 G01N21/66 G01N21/76 G01N21/78 G01N27/416 G01N33/15 G01N33/48 G01N33/483 G01N33/50 G01N33/52 G01N33/53 G01N33/567 G01N33/58 G06F19/00

CP: Y10S436/805 Y10S436/80 C07D215/227 C07D239/80 C07D241/44 C07D265/36 C07D279/16 C07D487/04 C07K2319/033 G01N33/92 G01N2405/04 G01N33/5041 G01N33/5047 G01N33/5076 C07D209/08 C07D239/60 C07D239/62 C07D239/66 C07D311/16 C07F5/003 C07F5/02 C07F9/10 C07F9/5728 C09B23/02 G01N33/5005 G01N33/5008 G01N33/502 G01N33/5044 G01N33/5058 G01N33/5061 G01N33/52 G01N33/542 G01N33/582 G01N33/6872 G01N2500/10 Y02P20/55 **European:** C07D209/08 C07D215/227 C07D239/60 C07D239/62 C07D239/66 C07D239/80 C07D241/44 C07D265/36 C07D279/16 C07D311/16 C07D487/04 C07F5/00B C07F5/02 C07F5/02D C07F9/10 C07F9/572V C09B23/02 G01N33/50D G01N33/50D2 G01N33/50D2E G01N33/50D2E14 G01N33/50D2F G01N33/50D2F2 G01N33/50D2F4 G01N33/50D2F6 G01N33/50D2H G01N33/52 G01N33/542 G01N33/58D G01N33/68F G01N33/92 M07K319/033 S01N405/04 S01N500/10 **US:** 435/173.4 435/173.5 435/173.6 435/29 435/325 435/325P 435/4 435/4P 435/6 435/6.14 435/6.140S 435/6 435/7.1 435/7.100S 435/7.2 435/7.200P 435/7.200S 435/72 436/164 436/172 436/184 436/519 436/528 436/546 436/63 436/800 436/805 530/391.1 530/391.100S 530/409 530/409S 534/15 534/15S 544/296 544/296S 546/156 546/156S 546/157 546/157S 548/405 548/405S 548/414 548/414S 548/454 548/454S 549/220 568/6 702/19 702/19S 800/8 800/8S

PatBase - US2002137201_AA

**Family:**

Publication number	Publication date	Application number	Application date
AT186400 E	19991115	AT19960921410T	19960606
AT304706 E	20050915	AT19960113781T	19960606
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EP0834074 B1	19991103	EP19960921410	19960606
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EP0977035 B2	20100721	EP19990113781	19960606
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US2002137201 AA	20020926	US19990378534	19990820
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Priority:

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Probable Assignee: OF CALIFORNIA UNIV

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Assignee(s): THE REGENT OF THE UNIVERSITY OF CALIFORNIA ; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA OAKLAND ; THE UNIV OF CALIFORNIA OAKLAND ; THE UNIV OF CALIFORNIA ; UNIV ; NATIONAL INSTITUTES OF HEALTH ; OF CALIFORNIA UNIV ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH ; NATIONAL INSTITUTES OF HEALTH (NIH) US DEPT OF HEALTH AND HUMAN SERVICES (DHHS) US GOVERNMENT ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT ; REGENT OF UNIV OF CALIFORNIA ; NATIONAL INST ; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA OAKLAN ; REGENTS OF THE UNIV OF CALIFORNIA ; ATTO INSTRUMENTS INC ; CALIFORNIA UNIV ; CALIFORNIA UNIV OF THE ; GONZALEZ JESUS E

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Inventor(s): GONZALEZ JESUS EIII ; GONZALEZ ; III JESUS E ; GONZALEZ JESUS E SAN DIEGO ; GONZALEZ JESUS E III SAN DIEGO ; TSIENT ROGER Y LA JOLLA

Agent(s): FB RICE ; FB RICE PTY LTD ; SHELSTON IP ; SHELSTON IP PTY LTD ; MBM INTELLECTUAL PROPERTY LAW LLP ; ZIMMERMANN AND PARTNER PATENTANWALTE MBB ; ZSP PATENTANWALTE PARTG MBB ; VOSSIUS VOLKER ; CORNISH KRISTINA VICTORIA JOY ; SCHNAPPAUF GEORG ; LLOYD WISE AND CO ; MARKS AND CLERK ; SHIMIZU HATSUSHI ; TOWNSEND AND TOWNSEND AND CREW LLP

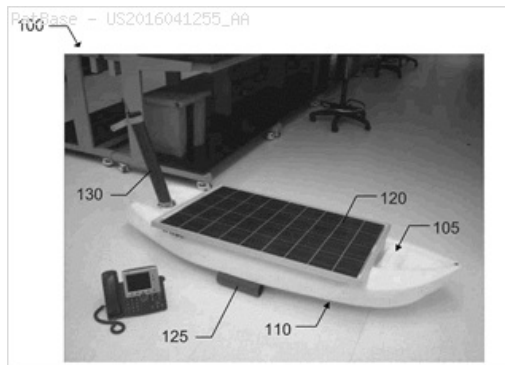
Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD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

Title: SATELLITE AND ACOUSTIC TRACKING DEVICE

Abstract: The present invention relates a method and device for tracking movements of marine animals or objects in large bodies of water and across significant distances. The method and device can track an acoustic transmitter attached to an animal or object beneath the ocean surface by employing an unmanned surface vessel equipped with a hydrophone array and GPS receiver.

Classifications:

International (IPC 8-9): A01K11/00 A01K29/00 A01K61/00
A01K61/90 B63B35/00 B63B49/00 B63H21/17 B63H25/42
G01C21/14 G01S1/76 G01S11/14 G01S19/13 G01S19/48
G01S3/808 G01S5/18 G01S5/22 G01V1/38 (Advanced/Invention);
A01K11/00 A01K29/00 B63B35/00 B63B49/00 (Core/Invention)
CPC: G01S19/13 G01S5/18 A01K29/005 A01K11/006 A01K11/008
G01S3/808 G01S19/48 A01K61/001 A01K61/90 A01K79/00
US: 701/2



Family:

Publication number	Publication date	Application number	Application date
AU2013303190 AA	20140220	AU20130303190	20130517
AU2013303190 BB	20170216	AU20130303190	20130517
CA2873874 AA	20141117	CA20132873874	20130517
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DE602013031181 D1	20180118	DE201360031181T	20130517
EP2850460 A2	20150325	EP20130829224	20130517
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MX2014013996 A1	20150210	MX20140013996	20130517
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US2016041255 AA	20160211	US20150918519	20151020
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WO14028084 A2	20140220	WO2013US41622	20130517
WO14028084 A3	20140417	WO2013US41622	20130517

Priority:

US20120648886P 20120518 EP20130829224 20130517 WO2013US41622 20130517
US20150918519 20151020

Probable Assignee: KING ABDULLAH UNIV OF SCIENCE AND TECHNOLOGY

Assignee(s): (std): KING ABDULLAH UNIV OF SCIENCE AND TECH ; KING ABDULLAH UNIV OF SCIENCE AND TECHNOLOGY ; UNIV KING ABDULLAH SCI AND TECH ; BERUMEN MICHAEL L

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Inventor(s): (std): SMITH LLOYD E ; TORRE PEDRO DE LA ; PEDRO DE LA TORRE ; MICHAEL L BERUMEN ; E LLOYD SMITH ; DE LA TORRE OLAZABAL PEDRO R ; SMITH E LLOYD ; DE LA TORRE PEDRO ; BERUMEN MICHAEL L

Inventor(s): BERUMEN MICHAEL LSA ; DE LA TORRE PEDROSA ; SMITH E ; SMITH E LLOYDSA

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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 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 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: AN INTEGRATED SYSTEM OF SHELLFISH PRODUCTION AND UTILIZATION

Abstract: The integrated system of shellfish production and utilization advances the economy, utility and scale of shellfish aquaculture such that ecosystem restoration is obviously cost effective and terra-forming uses of shellfish culture can substantially supplant dredging and beach replenishment. The invention improves, innovates and integrates: 1) tidally powered systems for **breeding** and raising shellfish seed, 2) grow-out, 3) brood stock conditioning, 4) market conditioning and food supplement, 5) water treatment, 6) Propulsion, 7) Anchorage and 8) Devices to achieve an Integration of Neighborhood Values with Shellfish Production and the optimal structure of the shellfish market. Such large increased economies of production (up to 100 fold) enable new uses for shellfish that are claimed herein. The system is optimized to fit in well with the estuarine community and be a highly desirable, unobtrusive neighbor.

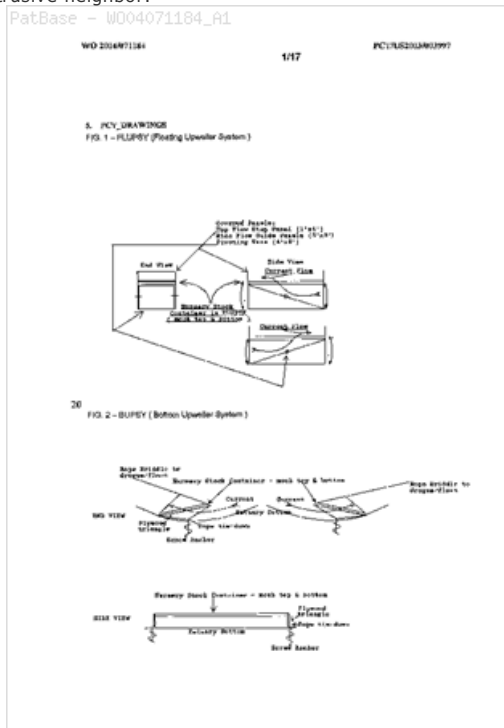
Classifications:

International (IPC 8-9): A01K61/00 (Advanced/Invention);
A01K61/00 (Core/Invention)

International (IPC 1-7): A01K61/00

CPC: A01K61/17 A01K61/54 A01K61/59 A01K61/60 Y02A40/816
Y02A40/822 Y02A40/824 Y02A40/826

European: A01K61/00B A01K61/00D A01K61/00F A01K61/00G



Family:

Publication number	Publication date	Application number	Application date
AU2003216226 AA	20040906	AU20030216226	20030210
WO04071184 A1	20040826	WO2003US03997	20030210

Priority:

WO2003US03997 20030210

Probable Assignee: DAVIS RUSSELL P

Assignee(s): (std): DAVIS RUSSELL P

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Inventor(s): RUSSELL P DAVIS

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 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: ELECTRON MICROSCOPIC OBSERVATION METHOD FOR OBSERVING BIOLOGICAL SAMPLE IN SHAPE AS IT IS, AND COMPOSITION FOR EVAPORATION SUPPRESSION UNDER VACUUM, SCANNING ELECTRON MICROSCOPE, AND TRANSMISSION ELECTRON MICROSCOPE USED IN THE METHOD

Abstract: Provided is an observation method by an electron microscope, in which a biological sample can be observed as it is alive and a situation that the biological sample is moving can be observed using an electron microscope, and a composition for evaporation suppression under vacuum, a scanning electron microscope, and a transmission electron microscope used in the method. The sample observation method by an electron microscope according to the invention includes applying a composition for evaporation suppression containing at least one kind selected from an amphiphilic compound, oils and fats, and an ionic liquid to the surface of a sample to form a thin film, and covering the sample with the thin film, and displaying an electron microscopic image of the sample, which is covered with the thin film and accommodated in a sample chamber under vacuum, on a display device.

Classifications:

International (IPC 8-9): G01N1/28 G01N1/30 G01N1/44 G01N23/04 G01N23/225 H01J37/00 H01J37/16 H01J37/18 H01J37/20 H01J37/22 H01J37/26 (Advanced/Invention);

G01N23/04 (Advanced/Non-invention)

CPC: G01N1/44 G01N23/2252 H01J37/26 G01N1/2853 G01N23/04 G01N23/225 G01N2223/612 H01J37/20 H01J2237/2002 H01J2237/2004

US: 435/288.7 435/29

PatBase - US2014227734_AA



Family:

Publication number	Publication date	Application number	Application date
CN103843106 A	20140604	CN201280044046	20120907
CN103843106 B	20161207	CN201280044046	20120907
DE602012032365 D1	20170622	DE201260032365T	20120907
EP2755225 A1	20140716	EP20120829935	20120907
EP2755225 A4	20150805	EP20120829935	20120907
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IN01848DN2014 A	20150515	IN2014DN01848	20140311
JP2013035866 A1	20150323	JP20130532684T	20120907
JP6055766 B1	20161227	JP20130532684T	20120907
KR101650054 B1	20160822	KR20147006126	20120907
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US2014227734 AA	20140814	US20120343537	20120907
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WO13035866 A1	20130314	WO2012JP72982	20120907

Priority:

JP20110197685 20110909 JP20120044383 20120229 EP20120829935 20120907
WO2012JP72982 20120907

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Assignee(s): JAPAN SCIENCE AND TECHNOLOGY AGENCY ; JAPAN SCIENCE AND TECHNOLOGY AGENCY
KAWAGUCHI SHI

Inventor(s): (std): HARIYAMA TAKAHIKO ; ISHII DAISUKE ; MURANAKA YOSHINORI ; OHTA ISAO ; SHIMOMURA MASATSUGU ; SUZUKI HIROSHI ; TAKAKU YASU HARU

Inventor(s): TAKAKU YASU HARU HAMAMATSU SHI ; SUZUKI HIROSHI HAMAMATSU SHI ; SHIMOMURA MASATSUGU SENDAI SHI ; OHTA ISAO HAMAMATSU SHI ; MURANAKA YOSHINORI HAMAMATSU SHI ; ISHII DAISUKE NAGOYA SHI ; HARIYAMA TAKAHIKO HAMAMATSU SHI

Agent(s): CABINET PLASSERAUD; WENDEROTH LIND AND PONACK LLP; NISHIZAWA TOSHIO

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 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 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: SUBMERSIBLE **NURSERY** DEVICE FOR ARTIFICIAL CULTIVATION OF **CORAL** IN SHALLOW REEFS

Abstract: The invention relates to a submersible **nursery** device for artificial cultivation of **coral** in shallow reefs, comprising two washing-line configurations, one forming a square and the other a cross, made up of vertical ropes anchored at the bottom to the seabed and tensed at the top by floating buoys; said ropes pass through cylindrical polypropylene tubes; said tubes are interconnected to the closest tubes by horizontal ropes, including one upper, one lower and one central rope, to form three horizontal planes, for installing respective meshes containing substrates or wafers for **coral** larvae to settle; each tube comprises on the inside an electromechanical mechanism with pinions that grip the vertical rope, and makes it possible to raise or lower the horizontal planes; said mechanism is driven manually or powered by a battery or solar panel. A submerged temperature **sensor** uses a control card for raising or lowering the mechanism to the required temperature.

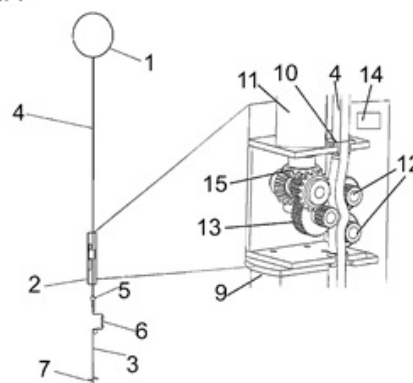
Classifications:

International (IPC 8-9): A01K61/00 A01K61/78 (Advanced/Invention)

CPC: A01K61/00 A01K61/78

PatBase - WO18178871_A1

FIG. 4



Family:

Publication number	Publication date	Application number	Application date
CO20170003194 A1	20180410	CO20170003194	20170331
WO18178871 A1	20181004	WO20181B52095	20180327

Priority:

CO20170003194 20170331

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Inventor(s): FERNANDO ALBERTO ALVAREZ ROMERO ; LEONARDO VASQUEZ MIRANDA

Agent(s): JOHAN SEBASTIAN GOMEZ VILLA; GOMEZ VILLA JOHAN SEBASTIAN ET AL

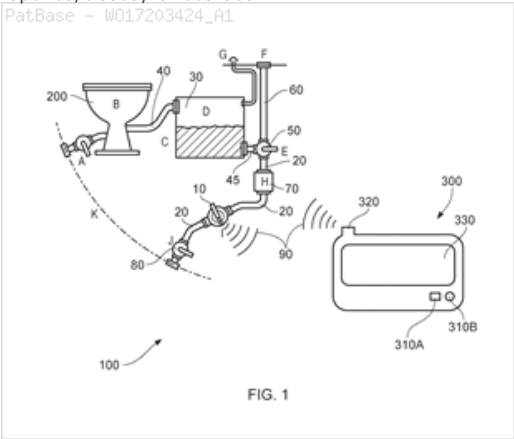
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Title: A WASTE DISCHARGE MONITOR AND MONITORING SYSTEM

Abstract: A waste discharge monitor and monitoring system. The present invention relates to a waste discharge monitor and monitoring system triggered by opening of a valve. The waste discharge monitor comprises: a valve with a **sensor** operatively coupled to a recorder, a power supply and a tamper resistant means; the **sensor** detects opening/closing of the valve and a signal is transmitted to the recorder to generate a log when the valve is opened/closed. The recorder is adapted to receive a GPS signal and records the GPS signal upon receipt of the signal from the **sensor** indicating opening/closing of the valve, so that the GPS signal, corresponding to where the valve is opened/closed, is recorded.

Classifications:

International (IPC 8-9): B63B17/00 B63B17/06 B63B29/16
B63B35/30 E03F1/00 G01D9/00 G08B21/12
G08C17/02 (Advanced/Invention)
CPC: B63B17/0036 B63B17/06 G08B21/12 E03F1/006 G01D9/005
G08C17/02 B63B29/16 B63B29/14 B63B2035/004 B63B2213/02
B63J4/006



Family:

Publication number	Publication date	Application number	Application date
GB201609020 A0	20160706	GB20160009020	20160523
GB2550580 A1	20171129	GB20160009020	20160523
WO17203424 A1	20171130	WO20171B53027	20170523

Priority:

GB20160009020 20160523

Probable Assignee: CREATIVE MARINE SOLUTIONS LTD UK

Assignee(s): (std): CREATIVE MARINE SOLUTIONS LTD UK

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Abstract: Described herein are methods that can be used for diagnosis of angiogenesis and angiogenic phenotypes. Also described herein are methods that can be used to screen candidate bioactive agents for the ability to modulate angiogenesis. Additionally, molecular targets (genes and their products) for therapeutic intervention in disorders associated with angiogenesis are described. Moreover, methods for using such molecular targets are described.

PatBase - US2002015970_AA

Patent Application Publication Feb. 7, 2002 Sheet 1 of 9 US 2002/0015970 A1

FIG. 1A

[illegible]

Publication number	Publication date	Application number	Application date
AU200069022 A1	20010305	AU20000069022	20000811
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CA2467433 AA	20040512	CA20022467433	20021113
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EP1418943 A1	20040519	EP20020726581	20020214
EP1434881 A2	20040707	EP20020766297	20020917
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Priority:

US19990148425P	19990811	US19990434197	19991104	US20000183926P	20000222
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Inventor(s): AFAR DANIEL EH ; DANIEL AFAR ; ALBERT ZLOTNIK ; GISH KURT ; MACK DAVID ; KEITH E WILSON ; PETER A HEVEZI ; WILSON KEITH ; WENDY M GINSBURG

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Designated states: D
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
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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: METHOD AND APPARATUS FOR CULTURED SEA ALGAE

Abstract: A method and apparatus for utilizing, processing, distributing and an accompanying business model for sea algae, particularly forced cultured kombu, to prevent the expansion of global warming, by encouraging a re-purchase of the cultured sea algae, by paying the purchaser back, in a constant rate, a part of the profit from the sales of a CO₂ omission right, which right depends upon the CO₂ absorption and fixation ability.

Classifications:

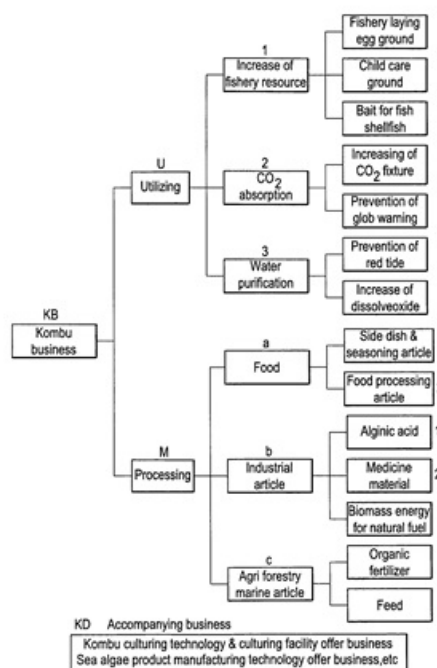
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CPC: Y02W90/20 G06Q10/063 G06Q10/30 G06Q30/0601 G06Q30/0607 G06Q30/0609 G06Q40/04 A01G33/00 G06Q30/00 G06Q50/02 Y02P60/247 Y02A40/88

European: A01G33/00 G06Q10/063 G06Q10/30 G06Q30/00 G06Q30/00C G06Q30/0601 G06Q30/0607 G06Q30/0609 G06Q40/04 G06Q50/00A G06Q50/02

US: 41/1.4 47/1.4 47/1.400P 47/1.400S 588/249 588/251 705/26.1 705/26.25 705/26.35 705/308 705/37 705/7 705/7.11 705/7.110P 705/7P

PatBase - US2008228542_AA



Family:

Publication number	Publication date	Application number	Application date
GB200811425 A0	20080730	GB20080011425	20080620
GB2453194 A1	20090401	GB20080011425	20080620
GB2453194 A8	20110504	GB20080011425	20080620
GB2453194 B2	20100804	GB20080011425	20080620
GB2453194 B8	20110504	GB20080011425	20080620
JP2008165666 A2	20080717	JP20060357463	20061226
JP2008175976 A2	20080731	JP20070008282	20070117
JP3142286 U	20080612	JP20070008282U	20070928
JP4853298 B2	20120111	JP20070008282	20070117
US2008228542 AA	20080918	US20070005012	20071224
US2011296749 AA	20111208	US20110199071	20110818
US8126780 BB	20120228	US20070005012	20071224

Priority:

JP20060357463 20061226 JP20070008282 20070117 JP20070008282 20070928
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Probable Assignee: NEC CORP

Assignee(s): (std): HORIBATA HIROSHI ; IWAI KATSUMI ; KATSUMI LWAI ; HIROSHI HORIBATA ; SAITO HIROSHI ; SAITOO HIROSHI ; NEC CORP

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Inventor(s): (std): SAITO HIROSHI ; SAITOO HIROSHI ; IWAI KATSUMI ; HORIBATA HIROSHI ; ARAKAWA TAKAYUKI

Inventor(s): HIROSHI SAITO ; HIROSHI HORIBATA ; KATSUMI IWAI

Agent(s): JAY L CHASKIN

Title: NON-INVASIVE REAL-TIME IN VIVO BIOLUMINESCENCE IMAGING OF LOCAL Ca^{2+} DYNAMICS IN LIVING ORGANISMS

Abstract: The invention relates to a method for optical detection of the dynamics of Ca^{2+} in a biological system, said method comprising monitoring the photons emitted by a recombinant Ca^{2+} -sensitive polypeptide, which comprises or consists of a chemiluminescent protein linked to a fluorescent protein, present in said biological system. In a particular embodiment, said recombinant polypeptide comprises or consists of the Aequorin and GFP linked by a linker allowing chemiluminescence resonance energy transfer (CRET), and optionally comprises a peptidic fragment capable of targeting said recombinant polypeptide into a specific cellular domain or compartment. The present invention also concerns a transgenic non-human animal expressing said recombinant polypeptide sensitive to calcium concentration, in conditions enabling the in vivo monitoring of Ca^{2+} dynamics. In a particular embodiment, the expression and/or localization of said recombinant polypeptide is restricted to a specific tissue, a single-cell type and/or in a particular cellular compartment or domain.

Classifications:

International (IPC 8-9): A01H1/00 A01K A01K67/00 A01K67/027

A61K49/00 C07K14/435 C07K19/00 C12N15/09 C12N15/85

C12Q1/02 C12Q1/68 G01N G01N33/00 G01N33/15 G01N33/50

G01N33/542 G01N33/56 G01N33/567

G01N33/58 (Advanced/Invention);

A01K67/027 A61K49/00 C07K14/435 C12Q1/68 G01N33/536

G01N33/56 G01N33/567 (Core/Invention)

International (IPC 1-7): A01K67/00 A01K67/027 G01N33/58

CPC: A01K67/0275 A01K2217/05 A01K2227/105 A01K2267/0393

C12N15/8509 C12N2800/30 C12N2830/008 G01N33/5091

G01N33/582 A61K49/0047 A61K49/0056 C07K2319/60 A61K49/0045

C07K14/43595 C07K2319/00 G01N33/5088 G01N33/542 G01N33/84

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European: A01K67/027M A61K49/00P4F4P A61K49/00P4F4P4

A61K49/00P4F8R C07K14/435A5 C12N15/85A G01N33/50D2J4

G01N33/50D4 G01N33/542 G01N33/58D G01N33/84 K01K217/05

K01K227/10M K01K267/03R M07K319/00 M07K319/60 M12N800/30

M12N810/00 M12N830/00C S01N333/47A18

US: 424/133.1 424/133.100S 424/178.1 424/178.100S 424/9.6

424/9.600P 424/9.600S 435/29 435/29S 435/6 435/6.14 435/6.140S

435/7.2 435/7.200S 800/13 800/13S 800/14 800/14S 800/18

800/18S 800/22 800/22S 800/25 800/25S 800/282 800/282S 800/3

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PatBase - US2005273867_AA

Patent Application Publication Dec. 8, 2005 Sheet 1 of 29 US 2005/0273867 A1

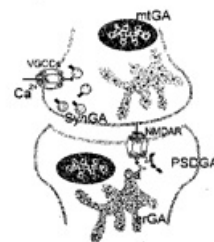


Fig. 1

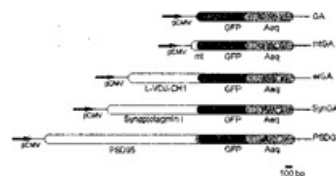


Fig. 2

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JP2007531514 T2	20071108	JP20060552494T	20050111
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WO08104830 A2	20080904	WO2007IB03218	20070824
WO08104830 A3	20090507	WO2007IB03218	20070824

Priority:

US20040543659P 20040212 US20050032236 20050111 WO2005EP00817 20050111

US20060498876 20060804 US20060509060 20060824

Probable Assignee: CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

Assignee(s): (std): BRULET PHILIPPE ; CENTRE NAT RECH SCIENT ; CURIE THOMAS ; ROGERS KELLY ; PICAUD SANDRINE ; PICAUD ; PASTEUR INSTITUT ; PASTEUR INST ; ROGERS KELLY LEE

Assignee(s): INSTITUT PASTEUR ; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE ; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS ; CENTRE NATIONALE DE LA RECHERCHE SCIENTIFIQUE

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Agent(s): LLOYD WISE AND CO; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER, LLP; FINNEGAN HENDERSON FARABOW GARRETT AND DUNNER LLP; DESAIX ANNE ET AL

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: METHODS OF PROTEIN DESTABILIZATION AND USES THEREOF

Abstract: This invention is directed towards methods of destabilizing proteins in living cells, and their use for the development of novel assays. In one embodiment, the invention comprises the use of non-cleavable multimerized ubiquitin fusion proteins to destabilize a target protein, such as a reporter moiety. In one aspect of this method the constructs also comprises a linker that operatively couples the reporter moiety to the multimerized ubiquitin fusion protein. In this embodiment, enzymatic modification of the linker results in a modulation of the coupling of the reporter protein to the multimerized ubiquitin domains resulting in a change in the stability of the reporter moiety. The level of the reporter moiety in the cell can then be used as a measure of the enzymatic activity in the cell. In another embodiment the invention provides for a generalized way of coordinately regulating the cellular concentration of a plurality of target proteins. In one aspect of this method, the target proteins are operatively coupled to a ubiquitin fusion protein via a linker containing a protease cleavage site. Cleavage of the linker by a protease results in uncoupling of the target protein from the multimerized ubiquitin construct, and results in an increase in the stability and concentration of the target protein.

Classifications:

International (IPC 8-9): A01H5/00 A01K67/00 A01K67/027 A01K67/033 A61K45/00 A61P43/00 C07H21/04 C07K14/00 C07K14/47 C07K19/00 C12N1/00 C12N1/15 C12N1/16 C12N1/19 C12N1/21 C12N15/09 C12N15/62 C12N5/00 C12N5/04 C12N5/06 C12N5/07 C12N5/071 C12N5/10 C12Q1/00 C12Q1/02 C12Q1/34 C12Q1/37 C12Q1/42 C12Q1/48 C12Q1/66 C12Q1/68 (Advanced/Invention); A01K67/00 A01K67/027 A61K45/00 A61P43/00 C07K14/00 C07K14/435 C07K19/00 C12N1/15 C12N1/16 C12N1/19 C12N1/21 C12N15/09 C12N5/00 C12N5/06 C12N5/10 C12Q1/02 C12Q1/34 C12Q1/37 C12Q1/42 C12Q1/48 C12Q1/66 C12Q1/68 (Core/Invention)

International (IPC 1-7): A01K67/027 A01K67/033 A61K45/00 A61P43/00 C07K14/47 C07K19/00 C12N1/15 C12N1/19 C12N1/21 C12N15/00 C12N15/09 C12N5/10 C12Q1/00 C12Q1/02 C12Q1/34 C12Q1/37 C12Q1/68 G01N33/50 G01N33/532 G01N33/542

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European: C12Q1/48B

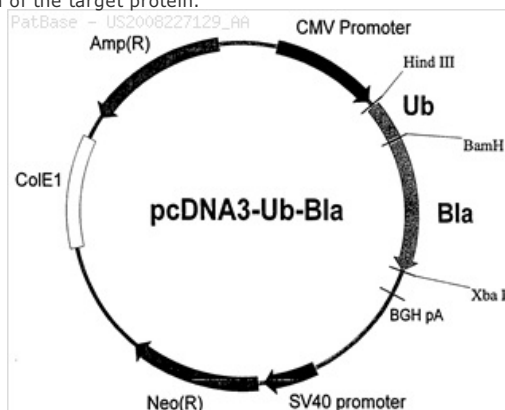
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435/255.100S 435/29 435/29S 435/325 435/325S 435/348 435/348S 435/375 435/375S 435/4 435/410 435/410S 435/6

435/6.1 435/6.18 435/8 435/8P 435/8S 530/350 530/350S 530/402 530/402S 536/23.4 536/23.400S 800/13 800/13P

800/298 800/298S

**Family:**

Publication number	Publication date	Application number	Application date
AU2001234853 AA	20010814	AU20010234853	20010202
CA2400013 AA	20020731	CA20012400013	20010202
EP1255853 A2	20021113	EP20010907018	20010202
JP2003534775 T2	20031125	JP20010555865T	20010202
US2008227129 AA	20080918	US20070821562	20070622
US2011191873 AA	20110804	US20100938179	20101102
US7262005 BA	20070828	US20000498098	20000204
US7824850 BB	20101102	US20070821562	20070622
WO0157242 A2	20010809	WO2001US03791	20010202
WO0157242 A3	20020613	WO2001US03791	20010202

Priority:

US20000498098 20000204

WO2001US03791 20010202

US20070821562 20070622

US20100938179 20101102

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Inventor(s): (std): CUBITT ANDREW B ; POLLOK BRIAN ; POLLOK BRIAN A ; STACK JEFFREY ; STACK JEFFREY H ; WHITNEY MICHAEL

Inventor(s): JEFFREY H STACK ; MICHAEL WHITNEY ; ANDREW B CUBITT ; BRIAN A POLLOK

Agent(s): FB RICE; FB RICE PTY LTD; MBM INTELLECTUAL PROPERTY LAW LLP; LISA A HAILE JD PHD DLA PIPER US LLP; DLA PIPER US LLP; DLA PIPER LLP

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 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN 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 PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Title: USE OF COXIELLA BACTERIA TO TREAT AUTOIMMUNE DISEASE

Abstract: Therapeutic compositions including a species of Coxiella or one or more antigenic components thereof or analogous or homologous components thereof are disclosed. These compositions are useful in preventing, inhibiting, delaying onset of or otherwise ameliorating the effects of an autoimmune disease in a mammal, particularly insulin-dependent diabetes mellitus (IDDM). They are also useful in prolonging survival of islet tissue transplanted into a mammal.

Classifications:

International (ipc 8-9): A61K31/00 A61K35/74 A61K39/02 A61K39/118 A61P3/00 A61P3/10 A61P37/00

A61P37/06 (Advanced/Invention);

A61K31/00 A61K39/00 A61K39/118 A61P3/00

A61P37/00 (Advanced/Non-invention);

A61K31/00 A61K35/66 A61K39/02 A61K39/118 A61P3/00

A61P37/00 (Core/Invention)

International (ipc 1-7): A01N63/00 A61K A61K39/00 A61K39/02

A61K39/118 A61K39/38 A61K39/395 A61K45/00 A61P3/10

A61P37/06 C12Q1/68

CPC: A61K2039/58 A61K39/0208 A61K2039/521 Y10S424/81

Y10S514/866 A61K35/74 A61K39/0008 A61K2039/522

European: A61K35/74 A61K39/00D4 K61K39/52B

US: 42/49.34 424/184.1 424/184.100P 424/234.1 424/236.1

424/236.100P 424/278.1 424/282.1 424/810 424/93.4 424/934

51/4.2 514/2 514/5.9 514/6.9 514/866

PatBase - US2001051162_AA

Patient Application Publication Doc. 13, 2001 US 2801005162 A1

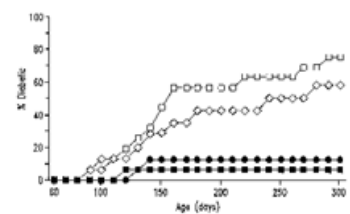


Fig. 1

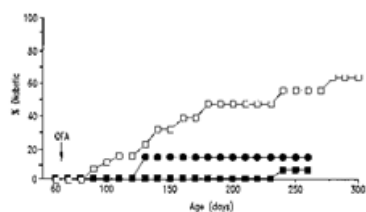


Fig. 2

Family:

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AT279945 E	20041115	AT19970906937T	19970314
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AU720327 B2	20000525	AU19970019171	19970314
AU870396 A0	19960404	AU1996PN08703	19960314
DE69731284 D1	20041125	DE19976031284	19970314
EP0886528 A1	19981230	EP19970906937	19970314
EP0886528 A4	19990602	EP19970906937	19970314
EP0886528 B1	20041020	EP19970906937	19970314
JP2000506172 T2	20000523	JP19970532124T	19970314
NZ331536 A	20000728	NZ19970331536	19970314
NZ503143 A	20010629	NZ19970503143	19970314
US2001051162 AA	20011213	US20010887773	20010621
US2004105867 AA	20040603	US20030705060	20031110
US6790450 BA	20040914	US19990142597	19990305
WO9733614 A1	19970918	WO1997AU00161	19970314
ZA9702232 A	19971118	ZA19970002232	19970314

Priority:

AU1996PN08703 19960314 AU19970019171 19970314 WO1997AU00161 19970314
US19990142597 19990305 US20010887773 20010621 US20030705060 20031110

Probable Assignee: VAXINE PTY LTD

Assignee(s): (std): AUSTRALIAN NAT UNIV ACTO ; AUSTRALIAN NAT UNIVERSITY ACTO ; AUSTRALIAN NATIONAL UNIV ; COWDEN WILLIAM BUTLER ; LAFFERTY KEVIN JOHN ; GAZDA LAWRENCE SCOTT ; UNIV AUSTRALIAN

Assignee(s): ABII PTY LTD ; VAXINE PTY LTD ; THE AUSTRALIAN NATIONAL UNIVERSITY ; THE AUSTRALIAN NATIONAL UNIVERSITY ACTON ; AUSTRALIAN NATIONAL UNIV ACTON ; AUSTRALIAN NATIONAL UNIVERSITY THE

Inventor(s): (std): COWDEN BUTLER ; GAZDA SCOTT ; KEVIN JOHN LAFFERTY ; LAFFERTY JOHN ; LAWRENCE SCOTT GAZDA ; WILLIAM BUTLER COWDEN ; LAFFERTY KEVIN JOHN ; GAZDA LAWRENCE SCOTT ; COWDEN WILLIAM BUTLER

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD

Designated states: AL AM AT AU AZ BA BB BE BF BG BR BY CA CH CN CU CZ DE DK EE ES FI FR GB GE GH GR HU IE IL IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MC MD MG MK MN MW MX NL NO NZ PL PT RO RU SD SE SG SJ SK SZ TJ TM TR TT UA UG US UZ VN YU

Title: MICROBIAL CONVERSION OF CO₂ AND OTHER C₁ SUBSTRATES TO VEGAN NUTRIENTS, FERTILIZERS, BIOSTIMULANTS, AND SYSTEMS FOR ACCELERATED SOIL CARBON SEQUESTRATION

Abstract: Microorganisms and bioprocesses are provided that convert gaseous substrates, such as renewable H₂ and waste CO₂ producer gas, or syngas into high-protein biomass that may be used directly for human nutrition, or as a nutrient for plants, fungi, or other microorganisms, or as a source of soil carbon, nitrogen, and other mineral nutrients. Renewable H₂ used in the processes described herein may be generated by electrolysis using solar or wind power. Producer gas used in the processes described herein may be derived from sources that include gasification of waste feedstock and/or biomass residue, waste gas from industrial processes, or natural gas, biogas, or landfill gas.

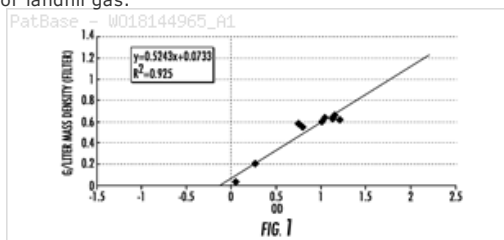
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C25B1/04 (Advanced/Invention);

C25B (Subclass/Invention)

CPC: C25B1/04 C12N1/20 C12P1/04 C12P5/00 C12P7/64 Y02E70/10 C12P13/04 C12P21/02 C12M1/00 C12P13/00 C12P21/00



Family:

Publication number	Publication date	Application number	Application date
AU2017236795 AA	20170928	AU20170236795	20170318
CA3017799 AA	20180913	CA20173017799	20170318
IL261828 A0	20181031	IL20170261828	20170318
WO17165244 A1	20170928	WO2017US23110	20170318
WO18144965 A1	20180809	WO2018US16779	20180204

Priority:

US20160310705P 20160319 US20170454347P 20170203 WO2017US23110 20170318

Probable Assignee: KIVERDI INC

Assignee(s): (std): KIVERDI INC

Assignee(s): REED JOHN S ; GELLER JIL ; HANDE SONALI

Inventor(s): (std): DYSON LISA ; GELLER JIL ; REED JOHN S ; HANDE SONALI ; REED JOHN

Agent(s): ARCADIA INTELLECTUAL PROPERTY; BERESKIN AND PARR LLP SENCRL SRL; JACOBSON JILL A

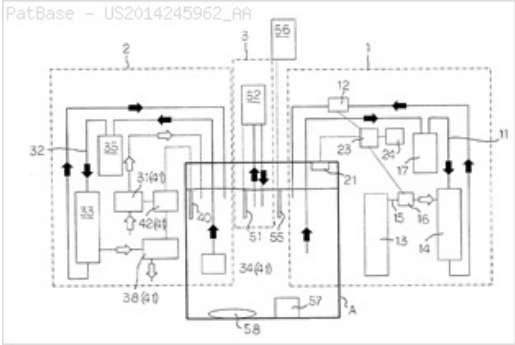
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Title: DISSOLVED GAS SUPPLYING DEVICE

Abstract: A problem with conventional rearing apparatuses for deep-sea organisms was difficulty in supplying dissolved gas into water in an appropriate amount. A dissolved gas supplying device 1 for supplying dissolved gas such as hydrogen sulfide, methane and hydrogen to water in a water tank, includes: a circulation path 11 to take out the water from the water tank A and return it to the water tank; a pressure pump 12 to allow the water to flow through the circulation path 11; a gas cylinder 13 filled with gas to be dissolved; a dissolved gas supplying means 14 that is disposed in the circulation path 11 to allow the water to pass through it and to dissolve the gas of the gas cylinder 13 in the water; and a gas regulating valve 16 to open/close a gas channel 15 that connects the gas cylinder 13 to the dissolved gas supplying means 14. With this configuration, the device can supply the dissolved gas into the water in an appropriate amount according to need. Therefore, the device is very suitable for rearing apparatuses for aquatic organisms of chemosynthetic ecosystems that utilize the dissolved gas.

Classifications:

International (IPC 8-9): A01K61/00 A01K63/04 A01K63/06
B01F3/04 (Advanced/Invention)
CPC: B01F3/04503 A01K63/042 A01K63/065 A01K61/10 A01K61/40
A01K61/54 Y02A40/81
US: 119/263 261/36.1



Family:

Publication number	Publication date	Application number	Application date
EP2764773 A1	20140813	EP20120838752	20121003
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Priority:

JP20110219476 20111003 WO2012JP75639 20121003

Probable Assignee: JAPAN AGENCY FOR MARINE EARTH SCIENCE AND TECHNOLOGY

Assignee(s): (std): JAMSTEC ; JAPAN AGENCY MARINE EARTH SCI

Assignee(s): JAPAN AGENCY FOR MARINE EARTH SCIENCE AND TECHNOLOGY ; JAPAN AGENCY FOR MARINE EARTH SCIENCE AND TECHNOLOGY

Inventor(s): (std): WATSUJI TOMORO ; WATSUJI TOMOO

Agent(s): WASNER MARITA; MATOBA MOTONORI

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 IS IT 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 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: MAIZE MICRORNA SEQUENCES

Abstract: Methods and compositions useful in target sequence suppression and target sequence validation are described. Polynucleotide constructs useful for gene silencing, as well as cells, plants and seeds comprising the polynucleotides and a method for using microRNAs to silence a target sequence are also described.

Classifications:

International (IPC 8-9): A01H1/00 A01H5/00 A01H5/10 C07H21/02 C07H21/04 C12N15/113 C12N15/63 C12N15/82 C12N5/10 (Advanced/Invention);

A01H5/00 (Advanced/Non-invention);

A01H1/00 A01H5/00 C07H21/00 C12N15/113

C12N15/82 (Core/Invention);

A01H5/00 (Core/Non-invention)

International (IPC 1-7): C12N15/82

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US: 435/320.1 435/320.100S 435/419 435/419S 536/23.6 536/24.5 536/24.500S 800/278 800/285 800/285P 800/298 800/298S

PatBase - MX2009003616_A1

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EP2664673 A2	20131120	EP20130162637	20071005
EP2664673 A3	20140219	EP20130162637	20071005
IN02578DN2009 A	20100820	IN2009DN02578	20090420
MX2009003616 A1	20090511	MX20090003616	20071005
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Priority:

US20060849672P 20061005 EP20070852620 20071005 US20070868081 20071005
WO2007US21618 20071005 US20100963135 20101208

Probable Assignee: E I DU PONT DE NEMOURS AND CO

Assignee(s): (std): AUKERMAN MILO ; DU PONT ; TISDALL JAMES ; SAKAI HAJIME ; WILSON JEANNE M ; EIDU PONT DE NEMOURS AND CO

Assignee(s): EIDUPONT DE NEMOURS AND CO ; E I DU PONT DE NEMOURS AND CO ; E I DU PONT DE NEMOURS AND COMPANY ; E I DUPONT DE NEMOURS AND COMPANY ; EI DU PONT DE NEMOURS AND CO

Inventor(s): (std): AUKERMAN MILO ; AUKERMAN MILO J ; MILO AUKERMAN ; SAKAI HAJIME ; TISDALL JAMES ; WILSON JEANNE M ; JAMES TISDALL ; HAJIME SAKAI

Inventor(s): JEANNE M WILSON ; WILSON JEANNE ; MILO J AUKERMAN

Agent(s): TORYS LLP; JONES ELIZABETH LOUISE; E I DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER; E I DU PONT DE NEMOURS AND CO LEGAL PATENT RECORDS CENTER; CHRISTENBURY LYNNE M

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: ROBOTIC PHANTON AND AUTOMATIC RUBBISH SCREENING SYSTEM, TO CLEAN UP RUBBISHES FLOATING INTO AND OUT OF WATERS ZONE

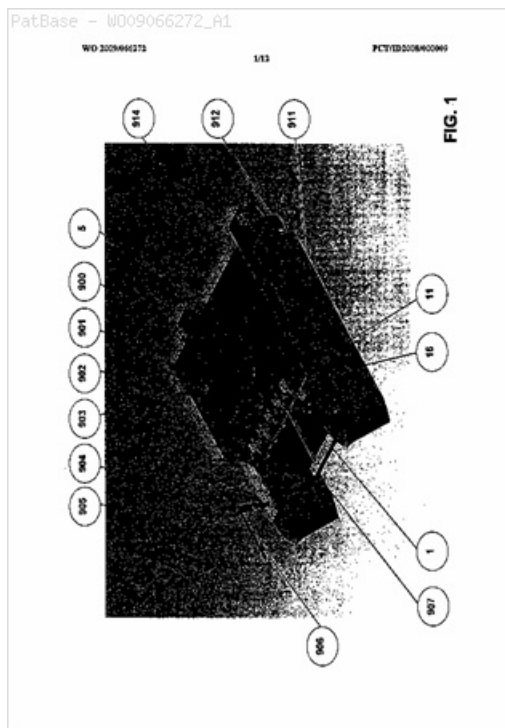
Abstract: The Latest Technology on Waters Zone Rubbish Cleaner according to this invention is using robotic phantom of catamaran type that will carry all automatic rubbish screening equipment to freely move at sea, reservoir, lake, river mouths and other water zones. This phantom motorboat of catamaran type will become the driving media to create water flow that will pass through the screen bar already installed between the two sides of the phantom motorboat. This phantom motorboat is equipped with all maritime navigation equipment that enables it to move forward as well as backward under speed between 1 knot up to 15 knots. Furthermore, it will cause rubbishes floating on the surface as well as under the waters zone collided, stuck, trapped or caught on the screen bar. The rubbishes stuck on the screen bar will be carried into the conveyor using the rake from the moveable frame mounted on the rail track.

Classifications:

International (IPC 8-9): B63B35/32 E02B15/00 (Advanced/Invention);
B63B35/32 E02B15/00 (Core/Invention)

CPC: B63B35/32

European: B63B35/32



Family:

Publication number	Publication date	Application number	Application date
■ CN101868404 A	20101020	CN200880116847	20080911
■ KR20100071117 A	20100628	KR20107012255	20080911
■ WO09066272 A1	20090528	WO2008ID00009	20080911

Priority:

ID20070000657 20071122 WO2008ID00009 20080911

Probable Assignee: SITINJAK POLTAK

Assignee(s): (std): POLTAK SITINJAK ; SITINJAK POLTAK

Inventor(s): (std): POLTAK SITINJAK ; SITINJAK POLTAK

Agent(s): EDI YANI S H

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

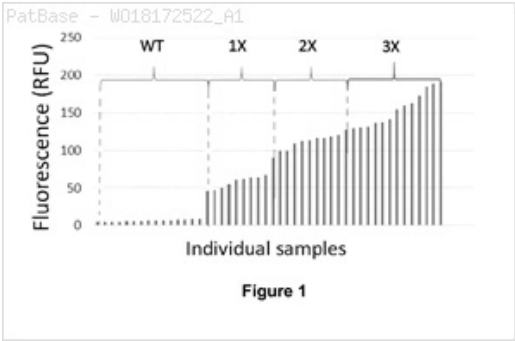
Title: METHOD FOR DETERMINING THE LEVEL OF ZYGOSITY OF A SEED

Abstract: The invention relates to a method for determining the level of transgene zygosity in a poaceae seed, the transgene being genetically linked to a gene coding for a fluorescent protein (FP protein) under the control of a promoter operative in the endosperm, comprising the step of exposing the endosperm of the seed to a wavelength exciting the FP protein, and measuring the intensity of the emitted fluorescence.

Classifications:

International (IPC 8-9): G01N33/50 G01N33/58 (Advanced/Invention)

CPC: G01N33/582 G01N33/5097 C12Q1/68



Family:

Publication number	Publication date	Application number	Application date
EP3379253 A1	20180926	EP20170305341	20170324
WO18172522 A1	20180927	WO2018EP57441	20180323

Priority:

EP20170305341 20170324

Probable Assignee: BIOGEMMA FR

Assignee(s): (std): BIOGEMMA FR

Assignee(s): BIOGEMMA

Inventor(s): (std): LEVADOUX SYLVAIN ; RISACHER THIERRY

Agent(s): FLESSELLES BRUNO FG; FLESSELLES BRUNO

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 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: High throughput screening for novel enzymes

Abstract: Disclosed is a process for identifying clones having a specified activity of interest, which process comprises (i) generating one or more expression libraries derived from nucleic acid directly isolated from the environment; and (ii) screening said libraries utilizing a fluorescence activated cell sorter to identify said clones. More particularly, this is a process for identifying clones having a specified activity of interest by (i) generating one or more expression libraries derived from nucleic acid directly or indirectly isolated from the environment; (ii) exposing said libraries to a particular substrate or substrates of interest; and (iii) screening said exposed libraries utilizing a fluorescence activated cell sorter to identify clones which react with the substrate or substrates. Also provided is a process for identifying clones having a specified activity of interest by (i) generating one or more expression libraries derived from nucleic acid directly or indirectly isolated from the environment; and (ii) screening said exposed libraries utilizing an assay requiring co-encapsulation, a binding event or the covalent modification of a target, and a fluorescence activated cell sorter to identify positive clones.

Classifications:

International (IPC 8-9): A61B6/00 A61P11/00 A61P31/00 A61P35/00 A61P37/02 B01J19/00 B01L3/00 C03B37/15 C03B37/16 C12M1/00 C12M1/34 C12N1/00 C12N1/12 C12N1/15 C12N1/19 C12N1/20 C12N1/21 C12N15/02 C12N15/09 C12N15/10 C12N15/12 C12N5/02 C12N5/08 C12Q1/00 C12Q1/02 C12Q1/25 C12Q1/68 C40B30/00 C40B30/04 C40B40/02 C40B40/06 C40B60/14 G01N1/10 G01N21/03 G01N21/64 G01N27/447 G01N33/15 G01N33/50 G01N33/53 G01N33/542 G01N33/543 G01N33/554 G01N33/569 G01N33/68 G01N37/00 G06K9/00 (Advanced/Invention); B01J19/00 B01L3/00 C12M1/00 C12M1/34 C12N1/00 C12N15/09 C12N15/10 C12Q1/02 C12Q1/68 C40B40/06 C40B60/14 G01N21/03 G01N27/447 G01N33/15 G01N33/50 G01N33/53 G01N33/543 G01N37/00 (Advanced/Non-invention); B01J19/00 B01L3/00 C12M1/00 C12M1/34 C12N1/00 C12N15/02 C12N15/09 C12N15/10 C12Q1/02 C12Q1/68 G01N21/03 G01N27/447 G01N33/15 G01N33/50 G01N33/53 G01N33/536 G01N33/543 G01N37/00 (Core/Invention); C12Q1/68 C40B40/04 C40B60/14 (Core/Non-invention); C12N C12Q (Subclass/Invention)

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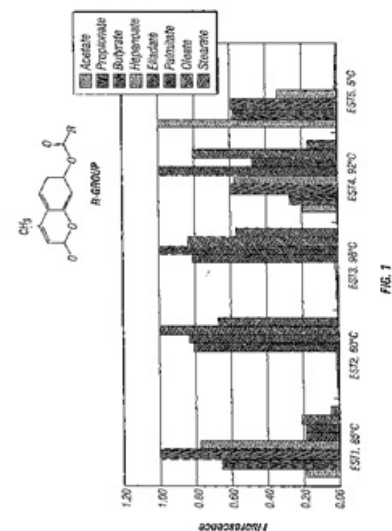
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European: B01J19/00C B01L3/00C2D B01L3/00C2D8 B01L3/5085 B01L3/50857 B82Y30/00 C03B37/15 C03B37/16 C12N15/10C C12N15/10C1 C12N15/10C15 C12N15/10C6 C12Q1/02 C12Q1/68A8 C40B30/04 C40B40/02 C40B40/08 C40B50/06 G01N21/03A G01N33/50D G01N33/543D2 G01N33/569 L01J219/00C10B16 L01J219/00C10B16B L01J219/00C10B2 L01J219/00C2D L01J219/00C2D14B L01J219/00C2D4B L01J219/00C2J L01J219/00C2J2 L01J219/00C2L7F2 L01J219/00C4B L01J219/00C4H L01J219/00C4L12 L01J219/00C4L2 L01J219/00C4L24 L01J219/00C4L2D L01J219/00C4L2F L01J219/00C4L2H2 L01J219/00C4L2H2H L01J219/00C4L2H4 L01J219/00C4L2J2 L01J219/00C4L2J6 L01J219/00C4L2L4 L01J219/00C4L3B L01J219/00C4L3D L01J219/00C6F L01J219/00C6F2 L01J219/00C6P L01L200/02C L01L3/50857 L01L300/08B6 L01L300/08C4 L01L400/04F2 M12Q1/68B10A M40B40/06 M40B60/14 S01N500/04

US: 204/452 204/452S 264/4.1 264/4.100S 356/246 356/246P 382/128 382/128S 42/28.211 422/82.05 422/82.09 422/82.11 435/183 435/252.1 435/252.100S 435/252.3 435/252.300S 435/252.33 435/252.35 435/287.2 435/287.200P 435/29 435/29P 435/320.1 435/4 435/440 435/449 435/449P 435/471 435/472 435/472S 435/476 435/484 435/486 435/5 435/5S 435/6 435/6.1 435/6.100P 435/6.100S 435/6.11 435/6.110P 435/6.110S 435/6.14 435/6.140P 435/6.140S 435/6.16 435/6.18 435/6.180P 435/6.180S 435/69.1 435/6P 435/6S 435/7.1 435/7.100S 435/7.2 435/7.200S 435/7.21 435/7.210S 435/7.32 435/7.320P 435/7.4 435/7.92 435/7.920S 436/165 506/11 506/11S 506/14 506/14S 506/16 506/16S 506/26 506/26S 506/27 506/27S 506/30 506/30S 506/4 506/41 506/41S 506/4P 506/9 506/9S 702/19 702/19S

PatBase - US2001034031_A1

Patent Application Publication Oct. 25, 2001 Sheet 1 of 16 US 2001/004031 A1



Family:

Publication number	Publication date	Application number	Application date
AU199881502 A1	19990104	AU19980081502	19980616
AU200117961 A1	20010604	AU20010017961	20001122
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AU200211642 A1	20020422	AU20020011642	20011010
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AU749587 B2	20020627	AU19980081502	19980616
AU777815 B2	20041104	AU20020035649	20020424
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CA2294380 AA	19991216	CA19982294380	19980616
CA2360750 AA	20020220	CA20002360750	20001122
CA2393374 AA	20020604	CA20012393374	20011010
EP1009858 A1	20000621	EP19980931354	19980616
EP1009858 A4	20010307	EP19980931354	19980616
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EP1144679 A3	20020206	EP20000980740	20001122
EP1364052 A2	20031126	EP20010979708	20011010
JP2002505590 T2	20020219	JP19990504782T	19980616
JP2003515150 T2	20030422	JP20010539924T	20001122

JP2005501217 T2	20050113	JP20020534567T	20011010
MXPA02005717 A1	20031014	MX2002PA05717	20011010
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Priority:

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Probable Assignee: BASF SE

Assignee(s): (std): DIVERSA CORP ; KELLER MARTIN ; LAFFERTY WILLIAM MICHAEL ; RECOMBINANT BIOCATALYSIS INC D ; DIVERSA CORP A DELAWARE CORP ; RECOMBINANT BIOCATALYSIS INC ; SHORT JAY M

Assignee(s): RECOMBINANT BIOCATALYSIS INC DELAWARE CORP ; VERENIUM CORP ; WYBORSKI DENISE ; ZHANG FEIYU ; TOZER EILEEN ; ANDRAE STEFAN ; BASF ENZYMES LLC ; BASF SE ; BP NORTH AMERICA INC CORP ; DIVER CORPSA ; DIVERSA A DELAWARE CORP ; FREY GERHARD ; MOORE JOHNATHAN ; LAFFERTY WILLIAM MICHARL

Inventor(s): (std): ANDRAE STEFAN ; FREY GERHARD ; KELLER MARTIN ; LAFFERTY WILLIAM MICHAEL ; LAFFERTY WILLIAM MICHARL ; MOORE JOHNATHAN ; SHORT JAY ; SHORT JAY M ; TOZER EILEEN ; WYBORSKI DENISE ; ZHANG FEIYU ; MARTIN KELLER ; LAFFERTY WILLIAM M ; JAY M SHORT

Inventor(s): WILLIAM MICHAEL LAFFERTY ; LAFFERTY WILLIAM

Agent(s): FREEHILLS PATENT AND TRADE MARK ATTORNEYS; FREEHILLS PATENT ATTORNEYS; FPA PATENT ATTORNEYS PTY LTD; MBM INTELLECTUAL PROPERTY LAW LLP; DIVERSA CORP; FISH AND RICHARDSON PC; DLA PIPER RUDNICK GRAY CARY US LLP; NYDEGGER AND ASSOCIATES

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 PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

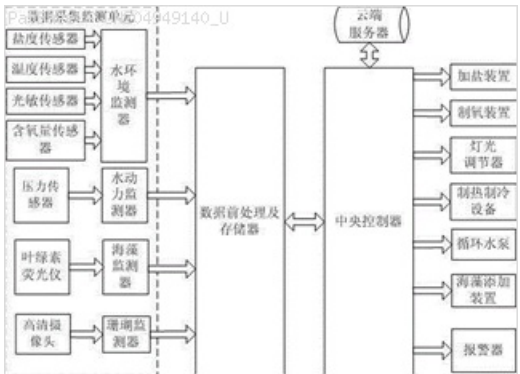
Title: CORAL ARTIFICIAL BREEDING CONTROL SYSTEM

Abstract: The utility model discloses a coral artificial breeding control system, including data acquisition monitoring unit, data preprocessing and memory, central controller, add salt device, oxygenator, light -regulator, heat refrigeration plant, circulating water pump, marine alga interpolation device, alarm, high in the clouds server, the data acquisition monitoring unit includes salinity sensor, photosensitive sensor, temperature sensor, oxygen bearing level sensor, water environment monitoring ware, pressure sensor, hydrodynamic force monitor, chlorophyll fluorescence appearance, marine alga monitor, high definition digital camera, coral monitor.

Classifications:

International (IPC 8-9): A01K61/00 (Advanced/Invention)

CPC: Y02A40/81



Family:

Publication number	Publication date	Application number	Application date
CN204949140 U	20160113	CN201520748490U	20150925

Priority:

CN201520748490U 20150925

Probable Assignee: HANGZHOU LENGBEIGUAN TECH CO LTD

Assignee(s): (std): HANGZHOU LENGBEIGUAN TECH CO LTD ; HANGZHOU LENGBEIGUAN TECHNOLOGY CO LTD

Assignee(s): HANGZHOU LENGBEIGUAN TECHNOLOGY CO

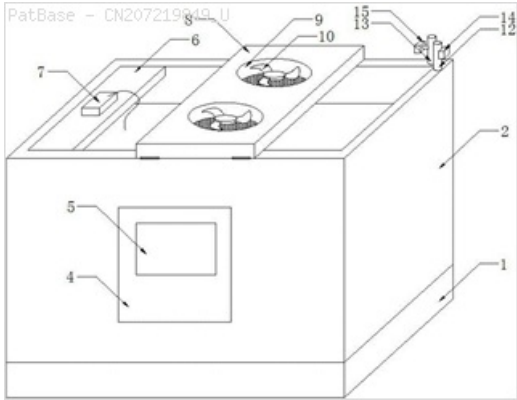
Inventor(s): INVENTOR HAS WAIVED RIGHT TO BE MENTIONED

Title: SOFT CORAL BREEDING DEVICE

Abstract: The utility model discloses a soft coral breeding device, including heating seat and box, the bottom of box and heating seat's top fixed connection, heating seat's inside fixed mounting has the electric plate, and the middle part fixed mounting of box one side has flush mounting plate of switch, and the top fixed mounting on flush mounting plate of switch surface has temperature sensor, and the avris on box top is fixed and is equipped with first fixed plate. The utility model discloses the temperature sensor who is equipped with, temperature sensor and temperature monitor electric connection, personnel pass through the obviously temperature of the internal portion's water of surveillance box of temperature monitor, cross when low when the water temperature, heat the water through the inside electric plate that is equipped with of heating seat, when the water high temperature, can pour into cold water into to the cold water pipe through the inlet tube, logical subcooled water pipe carries out rapid cooling to the water of box inside, it monitors soft coral aquaculture water body's temperature to be convenient for personnel, avoid the high temperature to lead to soft coral dead, soft coral breeding device's survival rate has been improved.

Classifications:

International (IPC 8-9): A01K63/00 A01K63/06 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
CN207219849 U	20180413	CN201721222107U	20170922

Priority:

CN201721222107U 20170922

Probable Assignee: UNIV HAINAN TROPICAL OCEAN

Assignee(s): (std): HAINAN TROPICAL OCEAN UNIV ; UNIV HAINAN TROPICAL OCEAN

Assignee(s): HAINAN TROPICAL OCEAN INST

Inventor(s): (std): CHEN YOU ; LI WEIDONG ; WANG HAISHAN ; WANG PEIZHENG ; YANG CHAOJIE ; YE LE ; ZHOU YANG

Title: FLUORESCENT PROTEINS AND CHROMOPROTEINS FROM NON-AEQUOREA HYDROZOA SPECIES AND METHODS FOR USING SAME

Abstract: The present invention provides nucleic acid molecules encoding a fluorescent and chromo-proteins and mutants, variants and derivatives thereof, as well as proteins and peptides encoded by these nucleic acids. The nucleic acid molecules and proteins of interest are isolated from non-Aequorea Hydrozoa species. The proteins of interest include yellow fluorescent protein, phiYFP, from *Phialidium* sp., green fluorescent protein hydr1GFP and purple chromoprotein, hm2CP from hydroid medusae of sub-order Anthomedusae. Also of interest are proteins that are substantially similar to, or derivatives, or homologues, or mutants of, the above-referenced specific proteins. Also provided are fragments of the nucleic acids and the peptides encoded thereby, as well as antibodies specific to the proteins and peptides of the invention. In addition, host-cells, stable cell lines and transgenic organisms comprising above-referenced nucleic acid molecules are provided. The subject protein and nucleic acid compositions find use in a variety of different applications and methods, particularly for labeling of biomolecules, cell or cell organelles. Finally, kits for use in such methods and applications are provided.

Classifications:

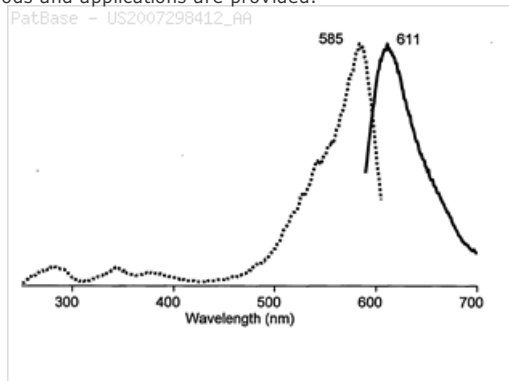
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C07K14/435 C07K16/18 C07K19/00 C12N1/15 C12N1/19 C12N1/21
C12N15/09 C12N15/10 C12N15/11 C12N15/12 C12N15/62
C12N15/63 C12N15/82 C12N5/10 C12P21/02 C12P21/06 C12Q1/02
C12Q1/68 G01N21/78 G01N33/50 G01N33/533 (Advanced/Invention);
A01H1/00 A01K67/00 C07H21/00 C07K1/00 C07K14/435 C07K16/18
C12N15/10 C12N15/11 C12N15/82 C12Q1/68 G01N33/50
G01N33/533 (Core/Invention)

International (IPC 1-7): A01H1/00 A01K67/00 C07K14/435
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G01N33/533

CPC: A01K2217/05 C07K14/43595 C07K16/18 C12Q1/6897
G01N33/533

European: C07K14/435A5 C07K16/18 C12Q1/68P G01N33/533
K01K217/05 M07K207/00

US: 435/243 435/243S 435/29 435/29S 435/320.1 435/320.100S
435/6 435/6.11 435/6.110P 435/69.1 435/69.100S 436/86 436/86S
530/350 530/350S 530/387.9 530/387.900S 530/400 530/400S 530/402 530/402S 536/23.1 536/23.100S 536/23.5
536/23.500S 536/24.3 536/24.300S 800/13 800/13S 800/295 800/295S



Family:

Publication number	Publication date	Application number	Application date
AT509946 E	20110615	AT20030779067T	20031105
AU2003285844 AA	20040603	AU20030285844	20031105
CA2505974 AA	20050512	CA20032505974	20031105
DE03779067 T1	20060622	DE20030779067T	20031105
DE60337187 D1	20110630	DE20036037187	20031105
DK1565559 T3	20110829	DK20030779067T	20031105
EP1565559 A1	20050824	EP20030779067	20031105
EP1565559 A4	20071128	EP20030779067	20031105
EP1565559 B1	20110518	EP20030779067	20031105
EP2100958 A1	20090916	EP20090008695	20031105
ES2254043 T1	20060616	ES20030779067T	20031105
ES2254043 T3	20111024	ES20030779067T	20031105
JP2006506100 T2	20060223	JP20050506686T	20031105
JP4644600 B2	20110302	JP20050506686T	20031105
RU2005118079 A	20060120	RU20050118079	20031105
RU2338785 C2	20081120	RU20050118079	20031105
US2007298412 AA	20071227	US20030532681	20031105
US7951923 BB	20110531	US20030532681	20031105
WO04044203 A1	20040527	WO2003RU00474	20031105

Priority:

US20020425570P	20021112	US20020429795P	20021127	US20030464258P	20030421
US20030480080P	20030620	EP20030779067	20031105	WO2003RU00474	20031105
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Probable Assignee: ZAKRYTOE AKTSIONERNOE OBSHCHESTVO EVROGEN

Assignee(s): (std): EVROGEN AOZT ; LUKYANOV SERGEI A ; LUKYANOV SERGEI ANATOLIEVICH ; SHAGIN DMITRY A ; SHAGIN DMITRY ALEXEEVICH ; YANUSHEVICH YURY G ; ZAKRYTOE AKTSIONERNOE OBSHEST ; YANUSHEVICH YURY GRIGORIEVICH ; ZAKRYTOE AKTSIONERNOE OBSHESTVO S EVROGENS ; ZAKRYTOE AKTSIONERNOE OBSHESTVO EVROGEN ; ZAKRYTOE AKTSIONERNOE OBSHESTVO AND LSQUO EVROGEN AND RSQUO

Assignee(s): ZAKRYTOE AKTSIONERNOE OBSHCHESTVO EVROGEN MOSCOW ; ZAKRYTOE AKTSIONERNOE OBSHCHESTVO EVROGEN ; ZAKRYTOE AKTSIONERNOE OBSHCHESTVO 'EVROGEN'

Inventor(s): (std): LUKYANOV SERGEI ANATOLIEVICH ; SHAGIN DMITRY ALEXEEVICH ; YANUSHEVICH YURY GRIGORIEVICH ; YANUSHEVICH YURY G ; SHAGIN DMITRY A ; LUKYANOV SERGEI A ; SHAGIN DMITRIJ ALEKSEEVICH ; LUK JANOV SERGEJ ANATOL EVICH ; JANUSHEVICH JURIJ GRIGOR EVICH

Inventor(s): LUKYANOV SERGEI ; LUK'JANOV SERGEJ ANATOL'EVICH ; JANUSHEVICH JURIJ GRIGOR'EVICH ;
DMITRY ALEXEEVICH SHAGIN ; SERGEI ANATOLIEVICH LUKYANOV ; YURY GRIGORIEVICH
YANUSHEVICH ; YANUSHEVICH YURY ; SHAGIN DMITRY

Agent(s): OGILVY RENAULT LLP SENCRL SRL; MARKS AND CLERK LUXEMBOURG LLP; LORD HILTON DAVID;
ROBERTSON JAMES ALEXANDER; LADAS AND PARRY

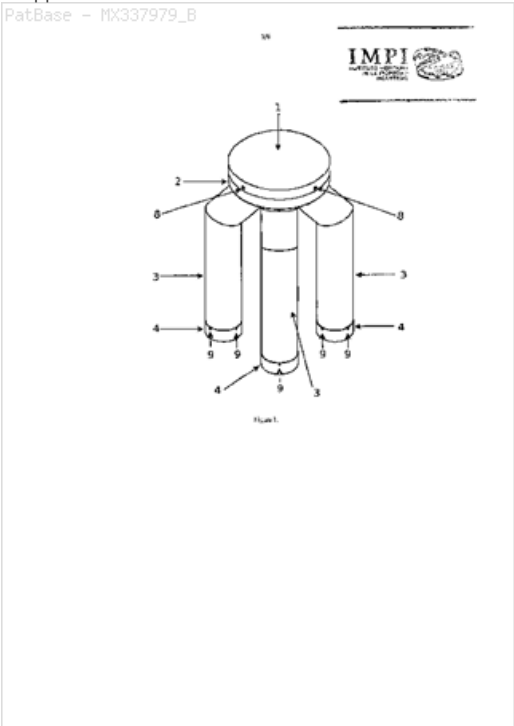
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Title: SOLAR ILLUMINATION SYSTEM FOR AQUICULTURE PONDS.

Abstract: The present invention refers to a natural illumination system for aquiculture ponds. The system comprises a translucent device, a conduction device and one or a plurality of light filters specially designed for the desired application. The optic wave guide may consist in different elements, highly polished tubes, acrylic wave guides, fiber optic, etc. The system delivers irradiance similar to that of the ocean where the marine species, intended to be reproduced in captivity during day and night, live. This system may also be used in agricultural applications..

Classifications:

International (IPC 8-9): E04D13/03 F21S9/03 (Advanced/Invention)



Family:

Publication number	Publication date	Application number	Application date
■ MX2012000793 A1	20130717	MX20120000793	20120117
■ MX337979 B	20160308	MX20120000793	20120117

Priority:

MX20120000793 20120117

Probable Assignee: UNIV MEXICO NACIONAL AUTONOMA

Assignee(s): (std): UNIV MEXICO NACIONAL AUTONOMA ; UNIV NAC AUTONOMA DE MEXICO

Assignee(s): UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

Inventor(s): (std): MONTEMAYOR FERNANDO SOSA ; PORTILLA JESUS ANTONIO DEL RIO ; SALGADO OSCAR ALFREDO JARAMILLO ; SIMOES FERNANDO NUNO DIAS MAQUES

Inventor(s): OSCAR ALFREDO JARAMILLO SALGADO ; FERNANDO NUNO DIAS MAQUES SIMOES ; FERNANDO SOSA MONTEMAYOR ; JESUS ANTONIO DEL RIO PORTILLA

Title: ORNAMENTAL ORGANISM TRACKING AND INFORMATION SYSTEM

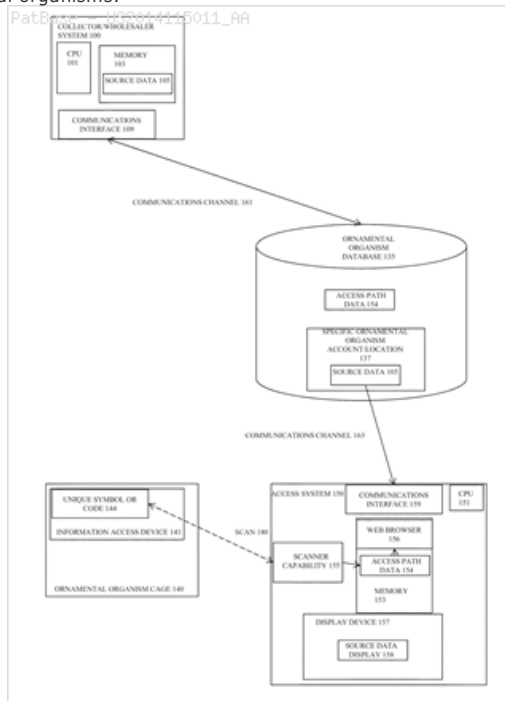
Abstract: Source data associated with an ornamental organism is obtained and stored in a unique account/location in an ornamental organism database. Each unique account/location is then assigned a unique access path. A unique information access device, such as a sticker or tag, is then generated that includes a unique account access symbol or code that is a representation of the unique access path data. The unique information access device is then included with the specific ornamental organism, or lot of ornamental organisms, at each level of the distribution and sales chain. Then, whenever the unique account access symbol or code is scanned, the unique access path data is obtained and used to access the unique account/location that is associated with specific ornamental organism, or lot of ornamental organisms, and includes the source data for the specific ornamental organism, or lot of ornamental organisms.

Classifications:

International (IPC 8-9): A01K11/00 G06F17/30 (Advanced/Invention)

CPC: A01K11/008 G06Q30/0201 A01K11/006

US: 707/802 707/E17.044



Family:

Publication number	Publication date	Application number	Application date
US2014115011 AA	20140424	US20120657672	20121022
WO14066242 A1	20140501	WO2013US65921	20131021

Priority:

US20120657672 20121022

Probable Assignee: ALLAQUARIA LLC DBA QUALITY MARINE

Assignee(s): (std): ALLAQUARIA LLC DBA QUALITY MARINE

Inventor(s): (std): BUERNER G CHRISTOPHER ; SODERBERG KURT ; SODERBERG KURT A

Inventor(s): BUERNER G

Agent(s): MCKAY PHILIP ET AL

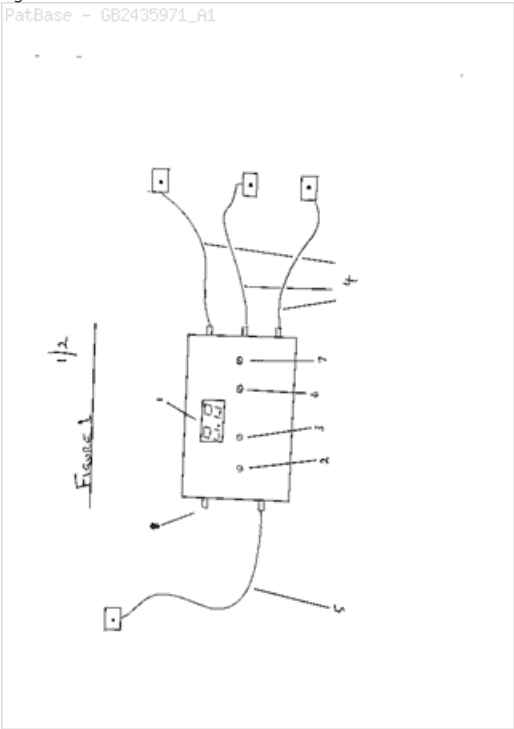
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX 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: A CONTROL SYSTEM TO SIMULATE MOONLIGHT THROUGHOUT THE LUNAR CYCLE

Abstract: An electronic control device that varies the light output from one or more remotely connected light emitting diodes (LEDs) to simulate the intensity of moonlight throughout a lunar cycle. The maximum light output can be adjusted by a manual control, while the LEDs are chosen to emit a specific wavelength with a particular beam width. The device has an optional override **sensor** (a light **sensor**) which inhibits output in daylight conditions.

Classifications:

International (IPC 8-9): H05B37/02 (Advanced/Invention);
H05B37/02 (Core/Invention)
CPC: H05B37/0281 A01K63/06 F21W2131/308 Y02B20/42
H05B37/02 F21Y2115/10
European: A01K63/06 H05B37/02 H05B37/02B8 R21W131/308
R21Y101/02 Y02B20/42



Family:

Publication number	Publication date	Application number	Application date
GB200604642 A0	20060419	GB20060004642	20060308
GB2435971 A1	20070912	GB20060004642	20060308

Priority:

GB20060004642 20060308

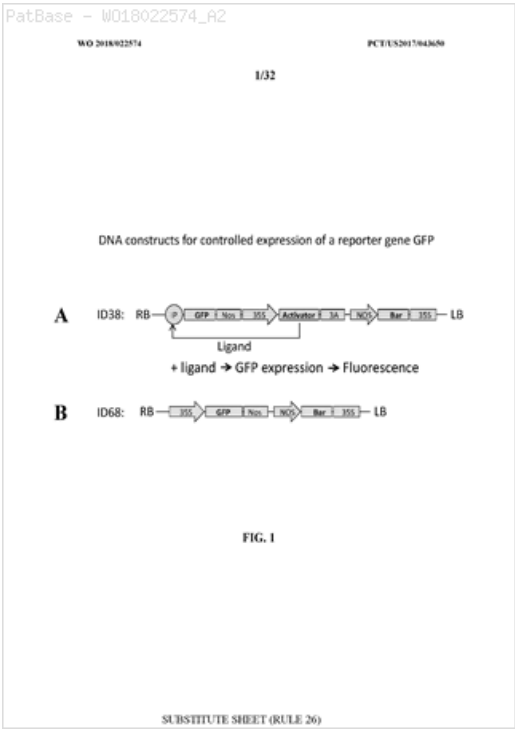
Probable Assignee: HALLAM IAN
Assignee(s): (std): HALLAM IAN ; VAUGHAN NIGEL
Assignee(s): IAN HALLAM ; NIGEL VAUGHAN
Inventor(s): (std): HALLAM IAN ; VAUGHAN NIGEL
Inventor(s): IAN HALLAM ; NIGEL VAUGHAN

Title: INDUCED EXPRESSION IN PLANT

Abstract: The invention provides a compositions and methods for controlling phenotypic traits in plants. Genes of interest are placed under the control of a gene switch to allow inducible control or expression of a gene of interest "on-demand" by treatment of the plant with a chemical ligand.

Classifications:

International (IPC 8-9): A01H5/00 A01N63/02 C07K14/32
C12N15/11 C12N15/82 (Advanced/Invention)
CPC: C12N15/8217 C12N15/8218 C12N15/827 C12N15/8273
C12N15/8274 C12N15/825 C12N15/8282



Family:

Publication number	Publication date	Application number	Application date
■ UY37343 A1	20180228	UY20170037343	20170724
■ WO18022574 A2	20180201	WO2017US43650	20170725
■ WO18022574 A3	20180308	WO2017US43650	20170725

Priority:

US20160366402P 20160725 US20170467958P 20170307 US20170468012P 20170307

Probable Assignee: INTREXON CORP

Assignee(s): (std): INTREXON CORP

Inventor(s): (std): BODDUPALLI SEKHAR ; BOUKHAROV ANDREY ; LI ZHONGSEN ; SALMERON JOHN ; SCHAUER STEPHEN ; STAMLER RIO ; TIWARI SHIV ; TREMBLEY ARIANNE

Agent(s): WOODHOUSE SCOTT M

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

Title: TECHNIQUE AND METHOD FOR PRODUCING FUNCTIONAL MATERIAL ORIGINATED FROM ICE PLANT, AND FUNCTIONAL COMPONENT

Abstract: The present invention provides a method for producing an ice plant having increased contents of pinitol, beta - carotene, vitamin K and proline, said method being characterized by adding a stress to an ice plant during the cultivation of the ice plant; a method for increasing the contents of pinitol, beta -carotene, vitamin K and proline, which are functional components contained in an ice plant, said method being characterized by adding a stress to the ice plant during the cultivation of the ice plant; and others.

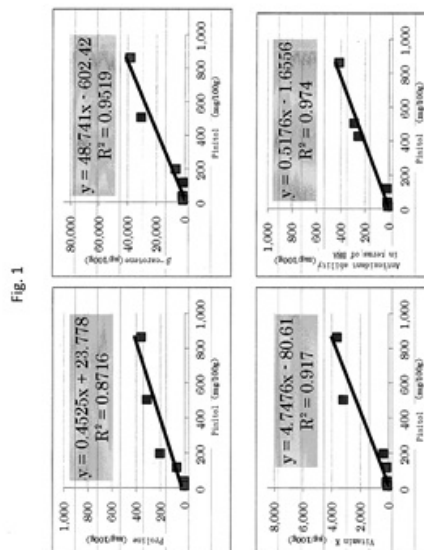
Classifications:

International (IPC 8-9): A01G1/00 A01G31/00 A01G7/00 A01G7/06 A01H3/00 A01H5/00 A01N59/00 A23L1/30 A23L1/302 A23L33/10 A61K36/185 A61K8/31 A61K8/49 A61K8/60 A61K8/67 A61K8/97 A61Q19/08 (Advanced/Invention); A23L1/30 (Advanced/Non-invention)

CPC: A23V2002/00 A61Q19/08 A61K8/31 A61K8/4913 A61K8/60 A61K8/67 A61K8/97 A61K36/185 A01N59/00 A01G31/00 A01G7/00 A23L33/105 A23L33/15

US: 424/725 504/116.1 800/298

PatBase - US2015030705_AA



Family:

Publication number	Publication date	Application number	Application date
CN103607882 A	20140226	CN201380001801	20130206
CN103607882 B	20160518	CN201380001801	20130206
EP2813138 A1	20141217	EP20130746154	20130206
EP2813138 A4	20150812	EP20130746154	20130206
JP2013118760 A1	20150511	JP20130547419T	20130206
JP2014128285 A2	20140710	JP20140061475	20140325
JP5590429 B1	20140917	JP20130547419T	20130206
JP5648880 B2	20150107	JP20140061475	20140325
US2015030705 AA	20150129	US20130376719	20130206
WO13118760 A1	20130815	WO2013JP52702	20130206

Priority:

JP20120023050 20120206 JP20130547419 20130206 WO2013JP52702 20130206
JP20140061475 20140325

Probable Assignee: TSUJIKO CO LTD

Assignee(s): (std): TSUJIKO CO LTD

Assignee(s): TSUJIKO CO

Inventor(s): (std): CHE FANG SIK ; TSUJI AKIHISA ; SAI KOSHOKU

Agent(s): MUELLER CHRISTIAN STEFAN GERD; TANAKA MITSUO; YAMAZAKI HIROSHI; TOMITA KENJI; SAMEJIMA MUTSUMI 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 IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV 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 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

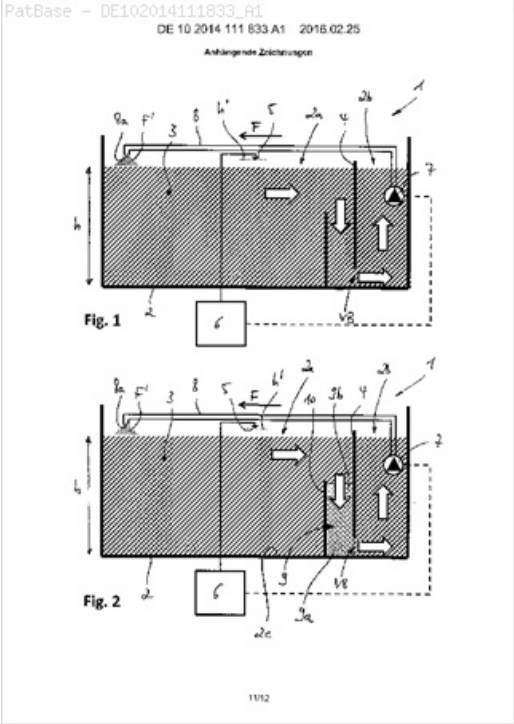
Title: Filtrationsverfahren, Filtervorrichtung und deren Verwendung

Abstract: Source: DE102014111833B4 [DE] Filtrationsverfahren, insbesondere fuer Aquakulturen mit sehr kleinen Lebewesen, wie Zooplankton, Artemia oder Fischbrut, mit folgenden Verfahrensschritten: a) Bereitstellen eines Volumens (2) eines zu filtrierenden Fluids (3), insbesondere durch Befuellen eines Beckens oder Tanks mit zu filtrierendem Fluid (3); b) Unterteilen des Volumens (2) in wenigstens ein erstes Teilvolumen (2a) und wenigstens ein zweites Teilvolumen (2b), wobei das erste Teilvolumen (2a) und das zweite Teilvolumen (2b) in einem Verbindungsbereich (VB) stroemungstechnisch verbunden sind; c) Anordnen wenigstens eines Filtermediums (9) in dem Verbindungsbereich (VB); und d) Foerdern von Fluid (3) aus dem zweiten Teilvolumen (2b) in das erste Teilvolumen (2a); dadurch gekennzeichnet, dass allein aufgrund des hydrostatischen Drucks eine Stroemung des Fluids (3) aus dem ersten Teilvolumen (2a) durch das Filtermedium (9) in das zweite Teilvolumen erfolgt, wobei ein aufgrund von biologischen Prozessen erhoehter Stroemungswiderstand beim Durchstroemen des Filtermediums durch Zunahme des Fluidstandes in dem ersten Teilbehaeltnis ausgeglichen wird, welches erste Teilbehaeltnis durch die Foerdermittel einen Zustrom von Fluid aus dem zweiten Teilbehaeltnis erfahrt.

Classifications:

International (IPC 8-9): A01K63/04 (Advanced/Invention)

CPC: A01K63/04 A01K63/045



Family:

Publication number	Publication date	Application number	Application date
DE102014111833 A1	20160225	DE201410111833	20140819
DE102014111833 B4	20161124	DE201410111833	20140819

Priority:

DE201410111833 20140819

Probable Assignee:

WEBER ULTRASONICS GMBH

Assignee(s): (std):

WEBER ULTRASONICS GMBH

Inventor(s): (std):

VOGEL SIEGMAR

Title: COMPOSITIONS AND METHODS FOR MODULATING COGNITIVE FUNCTION

Abstract: The present invention provides compositions and methods for modulating, e.g., enhancing, cognitive function. The methods involve modulation of translation, modulation of a MAPK signaling pathway, or both. The invention further provides screening methods useful in identifying compounds that modulate, e.g, enhance, cognitive function. The invention further provides method of treating a subject to modulate cognitive function.

Classifications:

International (IPC 8-9): A61K31/7088 A61K38/00 A61K38/17
A61K48/00 A61K49/00 A61P25/28 C12Q1/48

C12Q1/68 (Advanced/Invention);

A61K31/7088 A61K38/17 A61K49/00 A61P25/00 C12Q1/48

C12Q1/68 (Core/Invention)

CPC: A01K67/0275 A01K2217/058 A01K2227/105 A01K2267/0356

C12N9/1205 C12N15/8509 C12N2800/30 C12N2830/008

European: A01K67/027M C12N15/85A C12N9/12C K01K217/05B2

K01K227/10M K01K267/03K1 M12N800/30 M12N830/00C

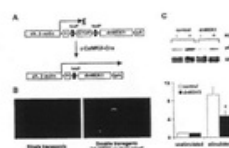
US: 424/9.2 424/9.200P 435/15 435/15S 435/6 435/6.14 435/6.140S

435/6S 514/1.1 514/1.100S 514/12 514/44.00AS 514/44A

PatBase - US2010150839_AA

Patent Application Publication Jan. 17, 2010 Sheet 1 of 11 US 2010/0150839 A1

Fig. 1

**Family:**

Publication number	Publication date	Application number	Application date
US2010150839 AA	20100617	US20060815530	20060206
WO07094755 A2	20070823	WO2006US04261	20060206
WO07094755 A3	20090507	WO2006US04261	20060206

Priority:

US20050649978P 20050204 US20060815530 20060206 WO2006US04261 20060206

Probable Assignee: MASSACHUSETTS INST OF TECHNOLOGY

Assignee(s): (std): GOVINDARAJAN ARVIND ; KELLEHER RAYMOND J ; MASSACHUSETTS INST TECHNOLOGY ; TONEGAWA SUSUMU

Assignee(s): NATIONAL INSTITUTES OF HEALTH ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALT ; NATIONAL INSTITUTES OF HEALTH (NIH) US DEPT OF HEALTH AND HUMAN SERVICES (DHHS) US GOVERNMENT ; NATIONAL INSTITUTES OF HEALTH NIH US DEPT OF HEALTH AND HUMAN SERVICES DHHS US GOVERNMENT ; MASSACHUSETTS INSTITUTE OF TECHNOLOGY ; MASSACHUSETTS INST OF TECHNOLOGY

Inventor(s): (std): TONEGAWA SUSUMU ; KELLEHER RAYMOND J ; KELLEHER RAYMOND ; GOVINDARAJAN ARVIND

Agent(s): CHOATE HALL AND STEWART LLP

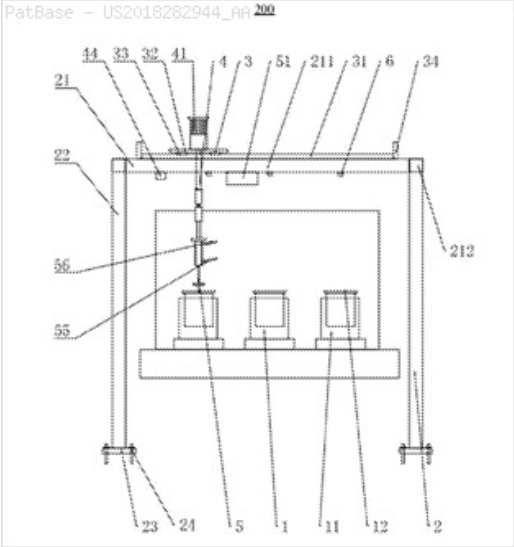
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Title: METHODS AND APPARATUS FOR PROCESSING TEXTILE FIBERS, KETTLE AUTOMATIC OPERATION DEVICES, AND TEXTILE FIBER PRODUCTS

Abstract: A method for processing textile fibers is provided. The method comprises: adding a plurality of raw materials for processing textile fibers into a plurality of kettles; preparing supercritical carbon dioxide; obtaining one or more natural plant dyes and one or more natural plant extracts from the plurality of raw materials, and dissolving the one or more natural plant dyes and the one or more natural plant extracts in the supercritical carbon dioxide; dyeing and functionally modifying the textile fibers simultaneously by using the supercritical carbon dioxide carrying a mixture of the one or more natural plant dyes and the one or more natural plant extracts; performing a post-process to recycle the supercritical carbon dioxide; and performing a cleaning process to clean the one or more natural plant dyes and one or more natural plant extracts.

Classifications:

International (IPC 8-9): D06B21/00 D06B23/20 D06B9/00 D06B9/02 D06B9/06 D06P1/34 D06P1/44 D06P1/94 D06P3/04 D06P3/14 D06P3/22 D06P3/56 D06P3/60 D06P3/68 D06P5/02 (Advanced/Invention)
CPC: D06P1/94 D06B9/00 D06P1/44 D06P3/04 D06P3/14 D06P3/60 D06P5/02 D06P1/34 D06B9/02 D06P3/22 D06P3/56 D06P3/68 D06B21/00 C09B61/00



Family:

Publication number	Publication date	Application number	Application date
■ CN107012698 A	20170804	CN201710213544	20170401
■ CN107419462 A	20171201	CN201710668883	20170808
■ CN207130470 U	20180323	CN201720980428U	20170808
■ US2018282944 AA	20181004	US20180870927	20180113
■ WO18177000 A1	20181004	WO2018CN073622	20180122

Priority:

CN201710213544 20170401 CN201710668883 20170808 CN201720980428U 20170808

Probable Assignee: QINGDAO YUANSHUN TEXTILE TECH CO LTD

Assignee(s): (std): BESTEE MAT QINGDAO CO LTD ; BESTEE MAT TSINGTAO CO LTD ; QINGDAO YUANSHUN TEXTILE TECH CO LTD

Assignee(s): QINGDAO YUANSHUN TEXTILE TECHNOLOGY CO ; BESTEE MATERIAL TSINGTAO CO LTD ; PEPSI BASED MATERIALS QINGDAO CO LTD ; PEPSI FOUNDATION MATERIALS QINGDAO CO LTD ; BESTEE MATERIAL QINGDAO CO ; BESTEE MATERIAL TSINGTAO CO

Inventor(s): (std): HUANG XIAOHUA ; LIU LI ; LIU YANMING ; WANG RUILING ; ZHEN LI

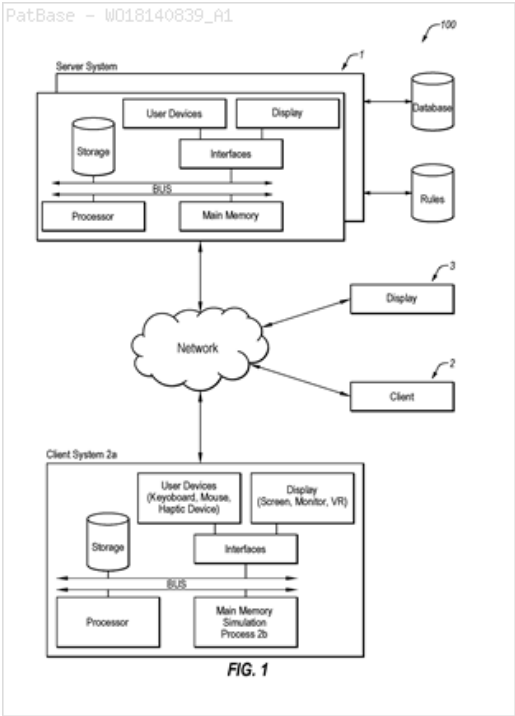
Agent(s): SHANDONG JINAN QILU SCIENCE PATENT OFFICE LTD

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

Title: METHOD AND SYSTEM FOR SIMULATING, PREDICTING, INTERPRETING, COMPARING, OR VISUALIZING COMPLEX DATA

Abstract: A method may include receiving a data stream of complex data and receiving a type of a simulated organic life model and a type of a simulated environment. The method may include selecting a scenario for a simulation, parsing each variable in the data stream to a variable of the simulated organic life model or a variable of the simulated environment, and processing a simulation of the simulated organic life model in the simulated environment. The method may include altering one or more variables of the simulated organic life model based on one or more variables of the simulated environment, producing output data sets containing a continuum of data ranging from the data stream to predicted endpoint values for each data stream variable, and changing the simulated organic life model based on the altered one or more variables of the simulated organic life model.

Classifications:
International (IPC 8-9): G06F19/00 G06F19/12 G06Q30/02 G08B21/18 (Advanced/Invention)
CPC: G06Q30/0202 G06F19/00 G06F19/12 G06Q40/00 G08B21/18



Family:

Publication number	Publication date	Application number	Application date
WO18140839 A1	20180802	WO2018US15620	20180127

Priority:

US20170451412P 20170127

Probable Assignee: OHUKU LLC

Assignee(s): (std): OHUKU LLC

Inventor(s): (std): STOKES ALEXANDER

Inventor(s): STOKES ALEXANDER J

Agent(s): ISRAELSEN BURNS R 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 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

Title: AQUARIUM FOR TRANSGENIC FLUORESCENT FISH

Abstract: An aquarium comprises a tank and an excitation light source which is configured to emit light at a wavelength selected to be optimal for causing a transgenic ornamental fish to fluoresce, wherein the ornamental fish expresses one or more fluorescent proteins at a level sufficient such that said fish fluoresces upon exposure to the excitation light source. The aquarium may further comprise one or more of the following: a transgenic fluorescent fish, a second light source, gravel or other ornamental objects, a plant or a water conditioning system. The transgenic fluorescent fish may comprise one or more chimeric fluorescence genes encoding one or more fluorescent proteins.

Classifications:

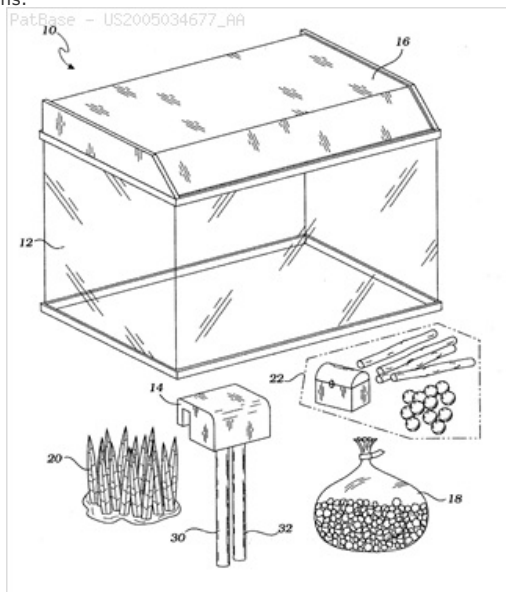
International (IPC 8-9): A01K63/00 A01K63/06 (Advanced/Invention);
A01K63/00 A01K63/06 (Core/Invention)

International (IPC 1-7): A01K63/06

CPC: A01K63/006 A01K63/06

European: A01K63/00A1 A01K63/06

US: 119/266

**Family:**

Publication number	Publication date	Application number	Application date
US2005034677 AA	20050217	US20030627176	20030725

Priority:

US20030627176 20030725

Probable Assignee:

YORKTOWN TECHNOLOGIES INC

Assignee(s): (std):

BLAKE ALAN ; CROCKETT RICHARD

Assignee(s):

YORKTOWN TECHNOLOGIES INC

Inventor(s): (std):

BLAKE ALAN ; CROCKETT RICHARD

Agent(s):

COHEN SAKAGUCHI AND ENGLISH LLP

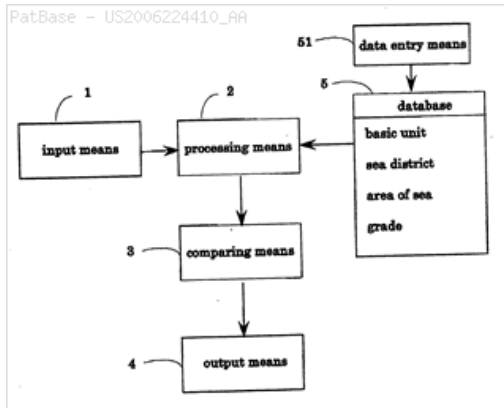
Title: CARBON DIOXIDE EMISSION TRADE SYSTEM

Abstract: A carbon dioxide emission right trade system of the present invention comprises: a database memory means which stores carbon dioxide fixation technologies using seawater with grade, technology evaluation scores, exploitable seas and areas of the ocean; and an input means of a value amount of carbon dioxide emission and a selected carbon dioxide fixation technology; and a processing means for the amount of carbon dioxide emission to calculate the product of the evaluation score and the square of land referring to above database; and a comparing means between the input data of numerical amount of emission and the product data calculated by processing means; and an output means that displays the technology of which product data is bigger than the input data. The input means or the output means are connected to telecommunication system like an Internet, and the system can be accessible from anywhere in the world where the Internet system is available.

Classifications:**International (IPC 8-9):** G06Q50/00 G06Q50/26

G06Q99/00 (Advanced/Invention);

G06Q40/00 (Core/Invention)

International (IPC 1-7): G06F17/60**CPC:** Y02P90/84 Y02P90/845 G06Q40/04 Y02P90/90**European:** G06Q40/04**US:** 705/1 705/37 705/37P**Family:**

Publication number	Publication date	Application number	Application date
JP2005129088 A2	20050519	JP20050042284	20050218
US2006224410 AA	20061005	US20060350389	20060208

Priority:

JP20050042284 20050218

Probable Assignee: ECOPLEX CO LTD**Assignee(s):** (std): ECO PUREKKUSU KK ; KATAYAMA YOSHIYUKI ; KIMOTO MASA HARU**Assignee(s):** ECOPLEX CO LTD**Inventor(s):** (std): KATAYAMA YOSHIYUKI ; KIMOTO MASA HARU**Agent(s):** FLYNN THIEL BOUTELL AND TANIS PC

Title: ENHANCED NUCLEIC ACID IDENTIFICATION AND DETECTION

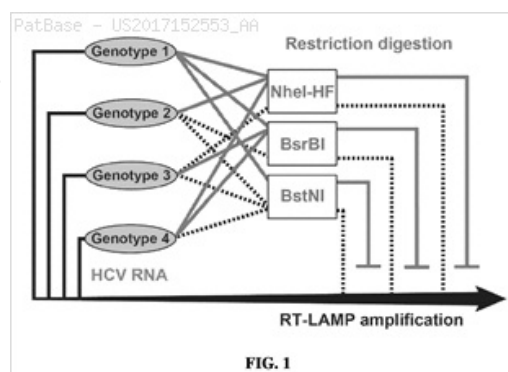
Abstract: The present invention relates to assays, including amplification assays, conducted in the presence of modulators. These assays can be used to detect the presence of particular nucleic acid sequences. In particular, these assays can allow for genotyping or other genetic analysis.

Classifications:

International (IPC 8-9): C12P19/34 C12Q1/68

C12Q1/70 (Advanced/Invention)

CPC: C12Q1/6848 C12Q1/686 C12Q1/6851 C12Q1/6865 C12Q1/707 C12Q1/6844



Family:

Publication number	Publication date	Application number	Application date
EP3058100 A2	20160824	EP20140853582	20141016
EP3058100 A4	20170419	EP20140853582	20141016
US2017152553 AA	20170601	US20140030202	20141016
WO15058008 A2	20150423	WO2014US60977	20141016
WO15058008 A3	20150625	WO2014US60977	20141016

Priority:

US20130893051P 20131018	US20140943784P 20140224	US20140968191P 20140320
US20140993183P 20140514	US20140063293P 20141013	US20140030202 20141016
WO2014US60977 20141016		

Probable Assignee: CALIFORNIA INST OF TECHNOLOGY

Assignee(s): (std): CALIFORNIA INST OF TECHN

Assignee(s): CALIFORNIA INST OF TECHNOLOGY

Inventor(s): (std): SUN BING ; RODRIGUEZ MANZANO JESUS ; KHOROSHEVA EUGENIA ; ISMAGILOV RUSTEM F ; CURTIS MATTHEW S

Agent(s): CARPMAELS AND RANSFORD LLP; EASTERDAY MATHEW C 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

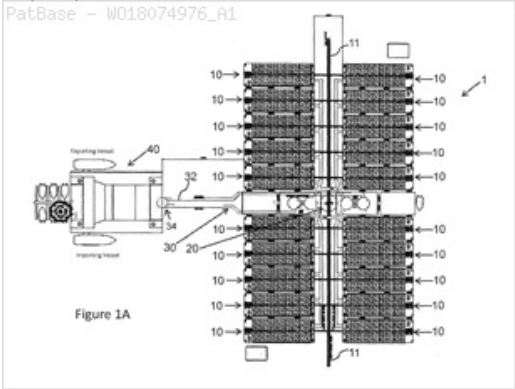
Title: SYSTEM AND METHOD FOR RECONFIGURING A MOBILE DOCKING APPARATUS FOR TRANSPORTING, REMOVAL, INSTALLATION, HOUSING AND TRANSFERRING ASSETS

Abstract: A reconfigurable mobile docking apparatus is provided, which comprises: a platform having at least a longitudinal side and a transverse side, and arranged to receive an asset; a plurality of supporting legs movably coupled to the platform and configurable to be lowered to the bottom of a body of water to anchor and/or support the apparatus, wherein the platform is operable cooperatively with the lowered supporting legs to be adaptively raised or lowered with reference to a water-level; and a reconfigurable modular tank system which includes a plurality of high buoyancy ballast tanks which are removably supported by the platform and relocatable at least between a first and a second position, wherein in the first position, asset transfer to or from the platform is permitted through the longitudinal side, and wherein in the second position, asset transfer to or from the platform is permitted through the transverse side. The tanks are further capable of being offloaded into water to provide a floating structure and/or increase lift capacity.

Classifications:

International (IPC 8-9): A01K61/60 B63B35/44 B63C1/02 E02B17/02 (Advanced/Invention)

CPC: A01K61/60 B63B35/44 B63C1/02



Family:

Publication number	Publication date	Application number	Application date
WO18074976 A1	20180426	WO2017SG50494	20171002
WO18074977 A1	20180426	WO2017SG50521	20171017

Priority:

SG20161008768 20161019

Probable Assignee: AME2 PTE LTD

Assignee(s): (std): AME2 PTE LTD

Inventor(s): (std): LEOW BAN TAT

Agent(s): AMICA LAW LLC

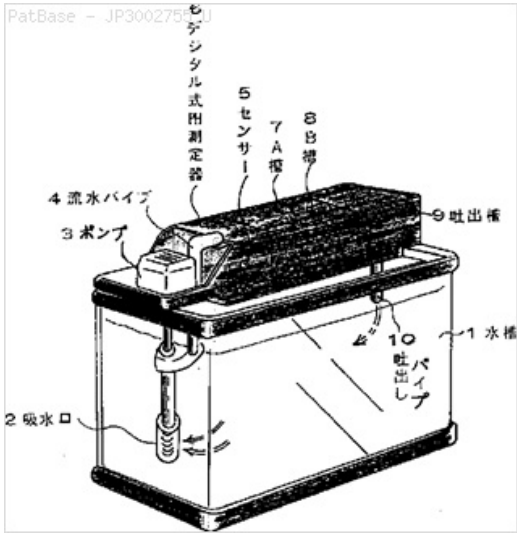
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Title: Automatic adjuster for the tropical fish water quality (Machine translation)

Abstract: Source: JP3002755U

Machine translation: [summary] Automatic adjuster for the tropical fish water quality was characterized by that we have omitted the water quality that is most appropriate for the purpose of **breeding** and growth of aquatic plants sequence [Purpose] tropical fish can be obtained at all times, the hand I also Urusashi deer. an automatic conversion mechanism Celsius water in accordance with the set **sensor** communicates with PH value PH digital measuring instrument 5 and 6, the instrument in the receiving tank and said digital PH of water pipe 4 communicates with the pump and configuration [3] consists of the set so, in the tank (7) A is eight tank B is weakly acidic or water, bran put anything for the water quality oriented natural proclivity to Uchiiri **coral** sand to raw cause weakly alkaline, and a silica sand that only an appropriate amount of chemical agents such as Uchiiri PH to drop. Suitably filtered water tank with 8 or more A or B tank (7) goes in the water tank from reflux pipe 10 is discharged through the discharge tank 9.

Classifications:
International (IPC 1-7): A01K63/04



Family:

Publication number	Publication date	Application number	Application date
JP3002755 U	19941004	JP19940003653U	19940303

Priority:
JP19940365394U 19940303

Title: NOVEL BIOSENSORS FOR LIVE CELL IMAGING OF INTRACELLULAR PROTEINS

Abstract: This invention is related to the field of imaging intracellular protein processing. Fluorescent probes capable of changing color over time are used to identify and track the synthesis, trafficking, and secretion of intracellular proteins. One such probe useful in this invention is a monomeric multicolor fluorescent protein, specifically a mcTimer probe as a biosensor for secretory proteins. After expression, mcTimer sequentially changes from green to red over a twenty- four hour period. In particular, a monomeric multicolor fluorescent protein is inserted into the C-linker portion of the insulin prepropeptide as a marker for normal insulin responses to glucose in cultured donor beta cells.

Classifications:

International (IPC 8-9): C07K14/00 C07K14/435

C07K17/00 (Advanced/Invention);

C07K14/00 C07K14/435 C07K17/00 (Core/Invention)

CPC: C07K14/43595 C07K14/62 C07K14/655 C07K2319/60

G01N33/5035 G01N33/507 G01N33/74 G01N2333/62 G01N2800/042

European: C07K14/435A5 C07K14/62 C07K14/655

G01N33/50D2E10 G01N33/50D2F12 G01N33/74 M07K319/60

S01N333/62 S01N800/04A

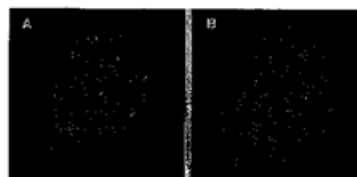
PatBase - W009148549_A2

WO 2009148549

1/96

PCT/US2009/003297

FIGURE 1



Family:

Publication number	Publication date	Application number	Application date
WO09148549 A2	20091210	WO2009US03297	20090529
WO09148549 A3	20100128	WO2009US03297	20090529

Priority:

US20080057131P 20080529

Probable Assignee: UNIV PITTSBURGH

Assignee(s): (std): DRAIN PETER ; UNIV PITTSBURGH

Assignee(s): UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION

Inventor(s): (std): DRAIN PETER

Agent(s): CARROLL PETER G ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI 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 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: A METHOD FOR PRODUCING A MODIFIED SAPONITE, THE MODIFIED SAPONITE AND AN INTER-PACKET WATER OBTAINED BY SAID METHOD, A COMBINATION COMPRISING THEM, USE OF THE MODIFIED SAPONITE AND THE COMBINATION AND PRODUCTS COMPRISING THEM PROCEDE DE FABRICATION DE SAPONITE MODIFIE, SAPONITE MODIFIE ET EAU INTERPAQUET OBTENUS PAR CE PROCEDE, COMBINAISON LES CONTENANT, UTILISATION DU SAPONITE MODIFIE ET DE LADITE COMBINAISON ET PRODUITS LES CONTENANT

Abstract: The invention relates to: a method for producing a modified saponite, the modified saponite and an inter-packet water obtained by said method, a combinations comprising them, use of the modified saponite and the combinations and products comprising them. The invention is applicable in various technical fields, and especially in medicine, cosmetic industry, food industry and agriculture.

Classifications:

International (IPC 8-9): A61K6/00 A61K8/00 C01B33/20 C01B33/40 C01B33/44 C01B39/08 (Advanced/Invention)

CPC: C01B33/40 A61K8/00

Family:

Publication number	Publication date	Application number	Application date
EP3330224 A1	20180606	EP20170204692	20171130
PL419643 A1	20180604	PL20160419643	20161130

Priority:

PL20160419643 20161130

Probable Assignee: EKO SAPONIT SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA

Assignee(s): (std): EKO SAPONIT SP Z O O ; EKO SAPONIT SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA

Assignee(s): EKO SAPONIT SP Z OO

Inventor(s): (std): BOZHKO ANATOLIY

Agent(s): WALKIEWICZ SEBASTIAN RAFAL

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

Title: ASSET MANAGEMENT OF LIVESTOCK IN AN OPEN RANGE USING SATELLITE COMMUNICATIONS

Abstract: A livestock asset management system utilizing an electronic ear tag 14 capable of operating on an open range, corral, or feedlot. The electronic ear tag 14 is capable of reading a radio frequency identification device (RFID) 24, storing that data in a processing unit in the ear tag 36, and then transmitting data to a satellite 12, which relays the information of an individual animal to a hub server 16 that appends a data record and makes that record available over a network 10 for display on a network access device such as a computer 18. An individual or group of animal records can be appended manually or semi-automatically by the livestock owner using a network interface device such as a personal computer 18. With automatic notification to livestock owner if data from the ear tag is outside a pre-defined limit 70 along with graphical displays 60 of same information.

Classifications:

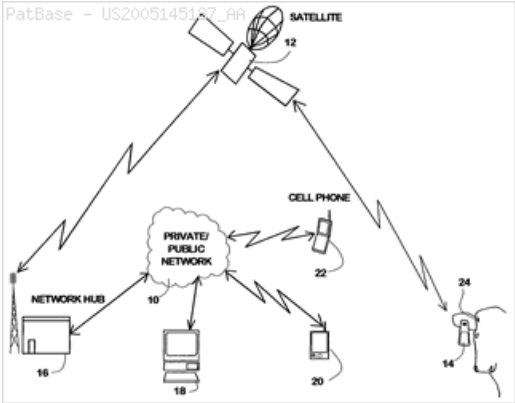
International (IPC 8-9): A01K11/00 A01K29/00 (Advanced/Invention); A01K11/00 A01K29/00 (Core/Invention)

International (IPC 1-7): A01K29/00

CPC: A01K11/008 A01K29/00 A01K29/005

European: A01K11/00C A01K11/00C2 A01K29/00 A01K29/00B

US: 119/174 340/10.1 340/10.100S



Family:

Publication number	Publication date	Application number	Application date
US2005145187 AA	20050707	US20030749765	20031229

Priority:

US20030749765 20031229

Probable Assignee:

GRAY JAMES D

Assignee(s):

GRAY JAMES D

Inventor(s): (std):

GRAY JAMES D

Inventor(s):

GRAY JAMES DEWAYNE ; GRAY JAMES

Agent(s):

MICHAEL L DIAZ MICHAEL L DIAZ PCC

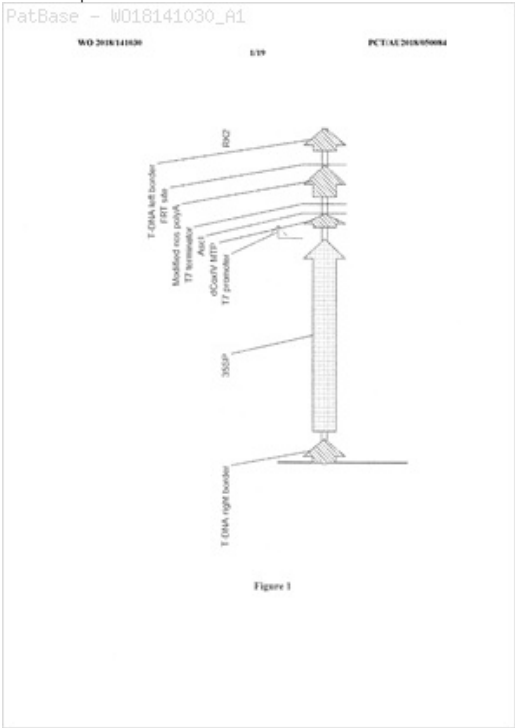
Title: EXPRESSION OF NITROGENASE POLYPEPTIDES IN PLANT CELLS

Abstract: The present invention relates to methods and means for producing nitrogenase polypeptides in the mitochondria of plant cells. The present disclosure provides plant cells that express one or more MTP-Nif fusions and/or translational NifD-NifK and NifE-NifN fusions. The present disclosure also provides nucleic acid constructs encoding these fusions as well as expression constructs for expression and targeting of the fusions to the mitochondria of plant cells. The present disclosure also provides transgenic plants comprising the plant cells of the invention and products obtained therefrom.

Classifications:

International (IPC 8-9): C07K14/26 C12N15/82 C12N5/14 C12N9/02 (Advanced/Invention)

CPC: C12N15/8261 C07K14/26 C07K2319/07 C12N5/14 C12N9/0095



Family:

Publication number	Publication date	Application number	Application date
WO18141030 A1	20180809	WO2018AU50084	20180206

Priority:

AU20170900359 20170206

Probable Assignee: COMMW SCIENT IND RES ORG

Assignee(s): (std): COMMW SCIENT IND RES ORG

Assignee(s): COMMW SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

Inventor(s): (std): ALLEN ROBERT SILAS ; OKADA SHOKO ; WOOD CRAIG CHRISTOPHER ; WARDEN ANDREW CHARLES ; TILBROOK KIMBERLEY THELMA ; TAYLOR MATTHEW CRAIG

Agent(s): FB RICE PTY LTD

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