

Search query (13): [SP]: aquaculture system and method in one aspect, provided herein is an apparatus for mass rearing aquatic arthropod larvae that provides control over the environment in which the larvae are reared. the apparatus comprises an aquatic reservoir, means to supply water to the reservoir, and means to drain water from the reservoir, said drainage means being equipped with a porous barrier, such as a sieve, adapted to prevent said larvae from exiting the reservoir therethrough, while permitting the passage of water.

Results: 10

Search history

Search IC=(A01K67/033) (Results 11574)

1:

Search 1 and insects (Results 1838)

2:

Search 2 and tank* and water (Results 126)

3:

Search 3 and larva* (Results 77)

4:

Search 4 and (mesh or grid or porous) (Results 33)

5:

Search 2 and (tank* or chamber* or container* or reservoir*) and water (Results 299)

6:

Search 6 and larva* (Results 180)

7:

Search 7 and (mesh or grid or porous) (Results 80)

8:

Search 8 and PD<20140811 (Results 49)

9:

Search 9 and drain* (Results 11)

10:

Search PN=(WO2016024164) and IC=(A01K67/033) (Results 1)

11:

Search [SP]: 1-95. (canceled) 96. an apparatus for rearing aquatic arthropod larvae, comprising: a container comprising a porous barrier which partitions the container into a first chamber and a second chamber, wherein: the second chamber comprises a drain outlet and the porous barrier is capable of preventing the larvae from exiting the first chamber into the second chamber while permitting at least the passage of water between the chambers, when water is supplied to the first chamber and drained from the container via the drain outlet of the second chamber, wherein the porous barrier has an average aperture diameter ranging from about 100 micro m to about 1,000 micro m, or from about 123 micro m to about 152 micro m. 97. the apparatus of claim 96, wherein the drain outlet comprises a valve and/or a pipe sealed or affixed on the drain outlet opening, optionally wherein the valve is an overflow valve, wherein water passes from the container through the overflow valve after the maximum water level has been attained in the container. 98. the apparatus of claim 96, wherein the drain outlet is positioned substantially 180 degrees on a horizontal plane to the position where water enters the container. 99. the apparatus of claim 96, further comprising a pipe for supplying water to the container, wherein the pipe for supplying water optionally comprises a filter, such as a mechanical filter, a biological filter, a chemical filter, or a combination thereof. 100. the apparatus of claim 99, further comprising a water tank connected, directly or indirectly, to the pipe for supplying water to the container, wherein the water tank stores water supplied to the container, optionally wherein the water tank is connected, directly or indirectly, to the drain outlet of the second chamber, whereby water drained from the container is recycled and supplied to the container, wherein the water tank is optionally connected to the drain outlet via a filtering device capable of filtering water drained from the container, and wherein the filtering device comprises a filter and a waste outlet for removing waste. 101. the apparatus of claim 96, further comprising a sensor for measuring a property of water supplied to and/or drained from the container, such as concentration of oxygen, temperature, ph, conductivity, oxidation-reduction potential (orp), or concentration of a chemical compound. 102. the apparatus of claim 96, further comprising a levelling valve arranged to maintain a minimum level of water in the container, and/or a microcontroller for automating the apparatus. 103. the apparatus of claim 96, wherein the porous barrier is removable from the container, and/or permits the passage of feed, waste, and other debris, including waste produced by the larvae. 104. the apparatus of claim 96, wherein the porous barrier comprises a mesh, membrane, screen, paper, woven cloth, non-woven cloth, fabric, fiber, foam, sieve, entangled wires, electrospun polymeric fiber, or a combination thereof, and optionally wherein the porous barrier has an average wire diameter ranging from about 1 micro m to about 1,000 micro m. 105. the apparatus of claim 96, which is used for mass rearing of the aquatic arthropod larvae, for rearing aquatic arthropod larvae at a density ranging from about one larva to about 12 larvae per cm² of the bottom plate of the container, or at a density of about 10 larvae per cm² of the bottom plate of the container, and/or for rearing aquatic arthropod larvae at a density ranging from about 1,500 larvae to about 4,000 larvae per liter of water in the container. 106. the apparatus of claim 96, which comprises a plurality of the containers, such as 5, 10, 100, 500, 1,000, 5,000, or more of the containers. 107. the apparatus of claim 106, wherein at least some of the plurality of containers are sequentially connected to each other or stacked on top of one another, wherein water passes from the first container in the sequence or stack through intervening container(s) to the last container in the sequence or stack, wherein the first container is connected to or supplied by a pipe supplying water and the last container is connected to a pipe draining water, and wherein the drained water is recycled to the first container, and/or wherein at least some of the plurality of containers are connected in parallel to the pipe supplying water and/or the pipe draining water, and wherein the drained water is recycled to the containers. 108. an apparatus for rearing aquatic arthropod larvae, comprising: (1) a first container comprising a porous barrier which partitions the first container into a first chamber and a second chamber, wherein: the second chamber comprises a drain outlet and the porous barrier is capable of preventing the larvae from exiting the first chamber into the second chamber while permitting at least the passage of water between the chambers, when water is supplied to the first chamber and drained from the first container via the drain outlet of the second chamber and (2) a second container constructed substantially similar to the first container, wherein water drained from the first container passes into the first chamber of the second container and optionally (3) a rack on which the first and second containers are disposed. 109. a method for rearing aquatic arthropod larvae, comprising: (1) placing larvae or eggs of an aquatic arthropod in a first chamber of the apparatus of claim 96, wherein the container comprises a porous barrier that separates the first chamber from a second chamber of the container, wherein the second chamber comprise a drain outlet, and the porous barrier is capable of preventing the larvae from exiting the first chamber into the second chamber while permitting at least the passage of water between the chambers and (2) supplying water on a continual basis and other suitable conditions in the container for rearing the larvae or eggs in the first chamber, wherein water is drained from the container via the drain outlet of the second chamber. 110. the method of claim 109, wherein water is supplied to the container at a flow rate of between about 0.5 l/min and about 5 l/min, or at about 3 l/min. 111. the method of claim 109, wherein the flow rate of water draining from the container is substantially the same as the flow rate at which water is supplied to the container. 112. the method of claim 109, further comprising adjusting the flow rate at which water is supplied to the container, and/or adjusting the flow rate of water draining from the container. 113. the method of claim 109, wherein water is supplied to the container at a flow rate that maintains the temperature in the container at about 22 plus or minus 3 degrees centigrade, about 26 plus or minus 2 degrees centigrade, or between about 25 degrees centigrade and 28 degrees centigrade. 114. the apparatus of claim 96, wherein the aquatic arthropod is a pest. 115. the apparatus of claim 96, wherein the aquatic arthropod is an insect, optionally a mosquito, such as from the genera stegomyia, aedes, anopheles, culex, or toxorhynchites, wherein the mosquito is optionally selected from the group consisting of aedes aegypti, aedes albopictus, culex pipiens, culex quinquefasciatus, anopheles stephensi, anopheles albimanus, and anopheles gambiae. 116. the method of claim 109, wherein the aquatic arthropod is an insect, optionally a mosquito, such as from the genera stegomyia, aedes, anopheles, culex, or toxorhynchites, wherein the mosquito is optionally selected from the group consisting of aedes aegypti, aedes albopictus, culex pipiens, culex quinquefasciatus, anopheles stephensi, anopheles albimanus, and anopheles gambiae. (Results 0)

Search [SP]: aquaculture system and method in one aspect, provided herein is an apparatus for mass rearing aquatic arthropod larvae that provides control over the environment in which the larvae are reared. the apparatus comprises an aquatic reservoir, means to supply water to the reservoir, and means to drain water from the reservoir, said drainage means being equipped with a porous barrier, such as a sieve, adapted to prevent said larvae from exiting the reservoir therethrough, while permitting the passage of water. (Results 10)

Title: DISPOSABLE CONTAINER FOR THE MASS-REARING OF INSECTS

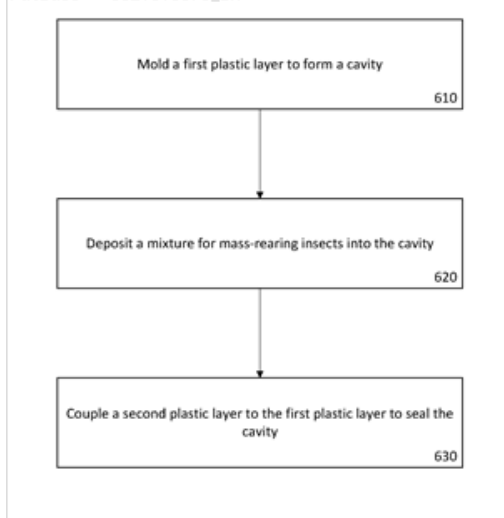
Abstract: A disposable container for the mass-rearing of insects can include a first layer, a mixture, and a second layer. The first layer can be molded to form a cavity and define an opening to allow the mixture to be positioned in the cavity. A quantity of the mixture can be positioned in the cavity and comprise insect larvae and food for the insect larvae. The second layer can be positioned over the opening and coupled to the first layer to seal the opening. The first layer or the second layer can include a disposable material and the second layer can couple to the first layer to form a disposable container.

Classifications:

International (IPC 8-9): A01K67/033 (Advanced/Invention); B29C51/10 B29K105/00 B29K67/00 B29K9/00 (Advanced/Non-invention)

CPC: A01K67/033 B29C51/10 B29K2009/00 B29K2067/046 B29K2105/256 B29K2995/006 B29K2995/0065

PatBase - US10306875_BA



Family:

Publication number	Publication date	Application number	Application date
US10306875 BA	20190604	US20160285642	20161005

Priority:

US20160285642 20161005

Probable Assignee: VERILY LIFE SCIENCES LLC

Assignee(s): VERILY LIFE SCIENCES LLC

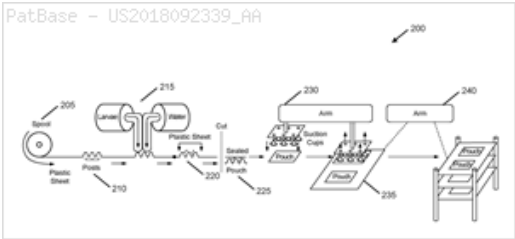
Inventor(s): MASSARO PETER

Agent(s): KILPATRICK TOWNSEND AND STOCKTON LLP

Title: AUTOMATED MASS REARING SYSTEM FOR INSECT LARVAE

Abstract: Embodiments of the present disclosure can provide an automated mass rearing system for insect larvae. The automated mass rearing system can facilitate hatching, feeding, monitoring the growth and emergence of insect larvae and pupae. In some embodiments, the automated mass rearing system can include a production unit, a transportation unit, a storage unit, a dispensing unit, and a monitoring unit. In some embodiments, this automated mass rearing system can facilitate mass mosquito growth from egg hatching all the way through to full adults or certain stages in between such as the larvae rearing process (i.e., from larvae to pupae) with little or no human intervention. By automating the rearing and transportation of insect eggs, larvae, and pupae, deaths or developmental issues can be minimized. Various techniques and apparatuses are used in this automation that causes minimal disturbance to the insects during development, and thereby maximizing survival rate and fitness of the insects.

Classifications:
International (IPC 8-9): A01K29/00 A01K61/00 A01K67/00
A01K67/033 B09B3/00 C05F3/00 G06Q50/02 (Advanced/Invention)
CPC: A01K67/033 A01K29/00 G06Q50/02



Family:

Publication number	Publication date	Application number	Application date
AU2017339390 AA	20180412	AU20170339390	20170928
AU2017339390 AA	20190418	AU20170339390	20170928
CN109803529 A	20190524	CN201780062207	20170928
US2018092339 AA	20180405	US20170716981	20170927
WO18067376 A1	20180412	WO2017US54094	20170928

Priority:

US20160404372P 20161005 US20170716981 20170927 WO2017US54094 20170928

Probable Assignee: VERILY LIFE SCIENCES LLC

Assignee(s): (std): VERILY LIFE SCIENCES LLC

Inventor(s): (std): BEHLING CHARLES ; CRISWELL VICTOR ; MASSARO PETER ; SOBECKI ROBERT ; DEVENGENDO ROMAN ; ZHA TIAN TIAN

Agent(s): SPRUSON AND FERGUSON; SANDERS CARL E ET AL

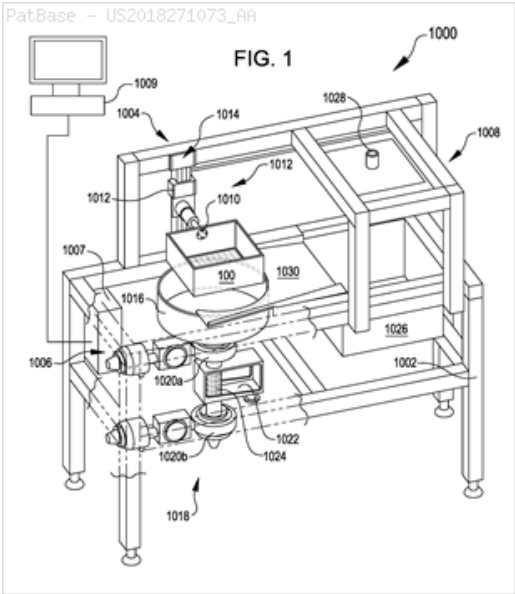
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Title: SIEVING APPARATUSES FOR PUPAE SEPARATION

Abstract: A sieving method for separating insect pupae is described. The method may include causing an actuation system of a sieving apparatus to cycle between a first elevation and a second elevation to cyclically submerge a sieve surface of a sieving device in a liquid held within a basin so as to separate a population of insect pupae present in the sieving device with respect to size. The method may also include causing actuation of one or more valves to drain the liquid from the basin in order to retrieve a first part of the population of insect pupae.

Classifications:

International (IPC 8-9): A01K67/033 A01M1/10 B03B7/00 B07B1/00 B07B1/28 B07B1/34 B07B1/42 B07B1/46 B07B1/55 B08B3/04 (Advanced/Invention)
CPC: A01K67/033 B07B1/55 B07B1/42 B07B1/4609 B07B1/28 B07B1/46 B07B1/469 B07B2230/01 B08B3/045 B08B3/047



Family:

Publication number	Publication date	Application number	Application date
■ CN108620313 A	20181009	CN201810241159	20180322
■ CN208853213 U	20190514	CN201820397471U	20180322
■ SG10201802413Y A1	20181030	SG20181002413	20180323
■ SG10201903101R A1	20190530	SG20191003101	20180323
■ US2018271073 AA	20180927	US20180945851	20180405
■ US2019037819 AA	20190207	US20180154656	20181008
■ US2019166811 AA	20190606	US20190269451	20190206
■ US9992983 BA	20180612	US20170467152	20170323
■ US10251380 BB	20190409	US20180945851	20180405
■ WO18175209 A1	20180927	WO2018US22690	20180315

Priority:

US20170467152 20170323 US20180945851 20180405 US20180154656 20181008
US20190269451 20190206

Probable Assignee: VERILY LIFE SCIENCES LLC

Assignee(s): (std): VERILY LIFE SCIENCES LLC

Inventor(s): (std): BEHLING CHARLES ; CHARLES BEHLING ; MASSARO PETER ; GREELEY DANIEL ; DANIEL GREELEY ; PETER MASSARO ; SOBECKI ROBERT ; ROBERT SOBECKI

Agent(s): SPRUSON AND FERGUSON ASIA PTE LTD; KILPATRICK TOWNSEND AND STOCKTON LLP; MCALLISTER TYLER 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: METHOD AND APPARATUS FOR HATCHING CRUSTACEA

Abstract: A tank apparatus and method for providing advantageous environment for the hatching and early development of crustacean larvae. A plurality of hatching chambers, each having an adjacent larval chamber, with a low bulkhead separating the larval chamber from the hatching chamber. Light sources near the larval chambers cause the larvae to migrate to the latter chambers when the water level is above the bulkhead and the screening is removed. A removable screen mesh can be mounted atop the bulkhead to contain the larvae in the larval chamber. A spray arrangement is also provided to wash down the walls forming the larval chamber portion of the hatching tank to prevent larvae from jumping out and air is supplied to the hatching tank.

Classifications:

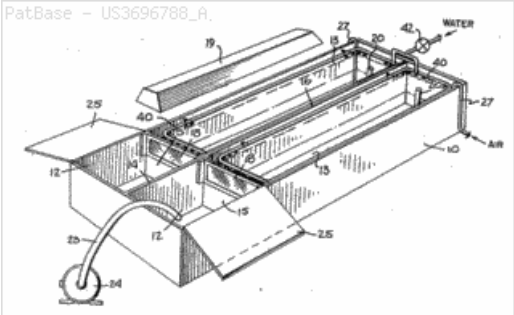
International (IPC 8-9): A01K61/00 A01K61/59 (Advanced/Invention); A01K61/00 (Core/Invention)

International (IPC 1-7): A01K61/00 A01K61/02 A01K63/00

CPC: A01K61/59 Y02A40/824

European: A01K61/00D

US: 119/2 119/205 119/5



Family:

Publication number	Publication date	Application number	Application date
US3696788 A	19721010	US19700096138	19701208

Priority:

US19700096138 19701208

Probable Assignee:

OCEAN PROTEIN CORP

Assignee(s): (std):

OCEAN PROTEIN CORP

Inventor(s): (std):

DAY JOHN J ; HIRSCHMAN PAUL S

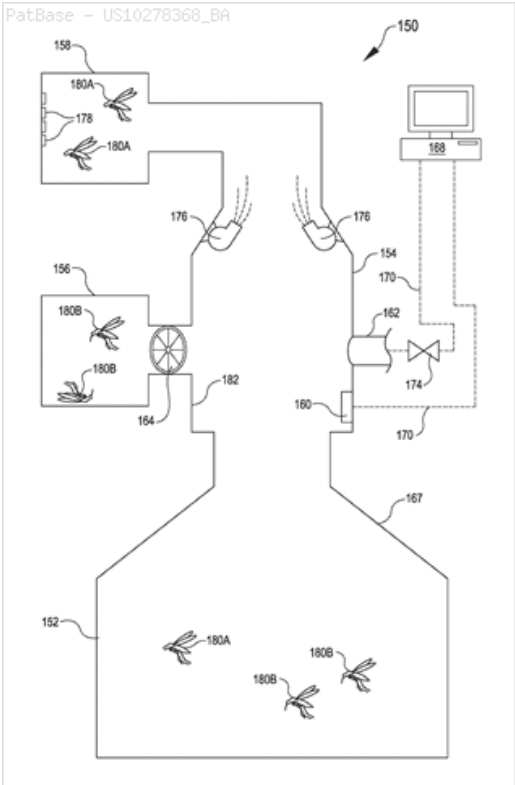
Inventor(s):

JOHN J DAY ; PAUL S HIRSCHMAN

Title: AUTOMATED FLYING INSECT SEPARATOR

Abstract: An insect separating apparatus may include a sensor positioned to detect one or more insects when present within a test chamber. For example, the sensor may emit signals into the test chamber and receive reflected signals indicative of Doppler shifts caused by movement of the one or more insects. Based on information from the sensor, a computing device may determine a characteristic of the one or more insects in the chamber, such as a wing beat frequency, sex, or other characteristic. The computing device may instruct different responses based on the characteristic determined, such as activating an air mover to divert detected mosquitoes out of the test chamber in response to the determined characteristics matching those of female mosquitoes, or deactivating or maintaining the air mover in an inactive condition in response to the determined characteristics matching those of male mosquitoes, for example, to allow passage through the chamber into a collection receptacle.

Classifications:
International (IPC 8-9): A01K29/00 A01K67/033 (Advanced/Invention)
CPC: A01K29/005 A01K67/033 A01K1/031



Family:

Publication number	Publication date	Application number	Application date
US10278368 BA	20190507	US20160285866	20161005

Priority:

US20160285866 20161005

Probable Assignee: VERILY LIFE SCIENCES LLC

Assignee(s): (std): VERILY LIFE SCIENCES LLC

Inventor(s): (std): PEETERS ERIC ; MASSARO PETER ; ZHA TIAN TIAN ; CRISWELL VICTOR ; SNOAD NIGEL ; SMITH PETER ; KRASNOW BENJAMIN

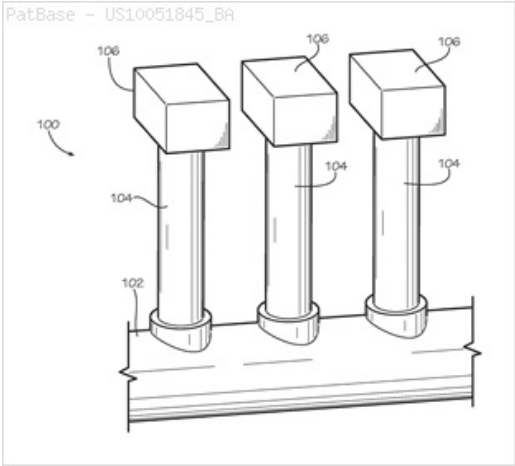
Agent(s): KILPATRICK TOWNSEND AND STOCKTON LLP

Title: PUPAE EMERGENCE METHOD AND APPARATUS

Abstract: An apparatus may include a vessel and a first passageway and a second passageway that connect the vessel to a first release container and a second release container, respectively. A first and a second sensor may be positioned proximate to a first and a second release container, respectively. Each sensor may detect an adult insect passing into the respective release container. A first and second shutter may be positioned in the first passageway and the second passageway, respectively. Each shutter may have an open and a closed position to control access to the respective release container. A computing device may receive a first input signal from the first sensor and a second input signal from the second sensor. The first and second shutter may receive a first output signal and a second output signal, respectively, from the computing device to position the respective shutter in the open or closed position.

Classifications:

International (IPC 8-9): A01K29/00 A01K67/00 A01K67/033
B01D35/02 (Advanced/Invention)
CPC: A01K67/033 A01K29/005 B01D35/02



Family:

Publication number	Publication date	Application number	Application date
US10051845 BA	20180821	US20160285623	20161005
US10292375 BA	20190521	US20180055253	20180806

Priority:

US20160285623 20161005 US20180055253 20180806

Probable Assignee: VERILY LIFE SCIENCES LLC

Assignee(s): (std): VERILY LIFE SCIENCES LLC

Inventor(s): (std): MASSARO PETER ; SOBECKI ROBERT ; ZHA TIAN TIAN ; WASSON BRIAN

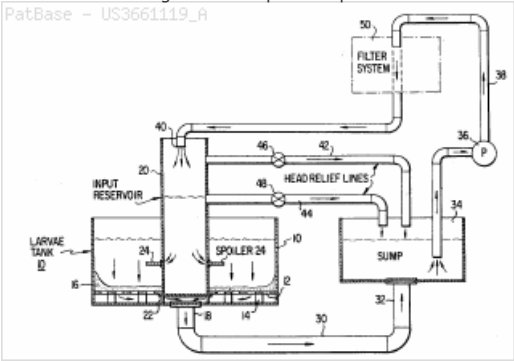
Agent(s): KILPATRICK TOWNSEND AND STOCKTON LLP

Title: LARVAE REARING TANK AND CIRCULATION SYSTEM FOR FISH CULTURE

Abstract: A larvae rearing tank and a water circulation and filtration system associated therewith which provides a high rate of water exchange in the larvae tank with minimum turbulence and water flow in the direction of the tank walls, thereby to provide optimum conditions within the tank for insuring survival of the fish larvae therein. The larvae tank includes a granular layer of filtrant material supported in spaced relation from its bottom end, an outlet pipe for discharging water from the bottom end, and an input reservoir for supplying water thereto above the level of the granular filtrant material. The reservoir is embodied in a container of smaller cross-sectional area than the larvae tank which is positioned within the tank and has a plurality of horizontally extending hollow rods which are sealed on the ends thereof and have a plurality of small holes therein through which the water is transferred from the reservoir to the larvae tank with an initial circular flow pattern. Water from the outlet of the larvae tank is pumped to a sump positioned at substantially the same level as the larvae tank, and from there it is pumped through a filter system and discharged into the top of the input reservoir, whereby the input rate of water being delivered to the larvae tank is determined by the pressure head in the input reservoir created by the height of the filtered water therein which, in turn, is controlled by a valved head-relief line leading to the output sump.

Classifications:

International (IPC 8-9): A01K61/00 (Advanced/Invention);
A01K61/00 (Core/Invention)
International (IPC 1-7): A01K61/00 A01K63/00
CPC: A01K63/045 A01K61/10 A01K63/10
European: A01K61/00
US: 119/2 119/217 119/226 119/3 210/167.23



Family:

Publication number	Publication date	Application number	Application date
US3661119 A	19720509	US19700071512	19700911

Priority:

US19700071512 19700911

Probable Assignee: OCEANOGRAPHY MARICULTURE IND

Assignee(s): (std): OCEANOGRAPHY MARICULTURE IND

Assignee(s): OCEANOGRAPHY MARICULTURE IND INC ; OCEANOGRAPHY MARICULTURE INDUSTRIES INC

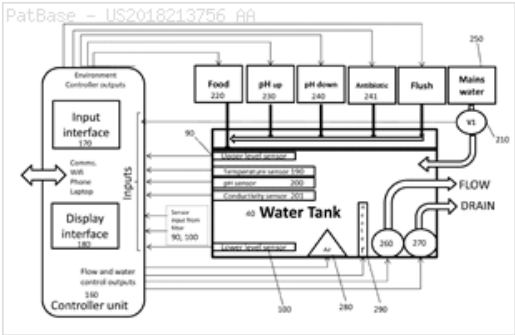
Inventor(s): (std): SANDERS GRAHAM HODGE

Inventor(s): GRAHAM HODGE SANDERS

Title: AQUACULTURE SYSTEM AND METHOD

Abstract: In one aspect, provided herein is an apparatus for mass rearing aquatic arthropod larvae that provides control over the environment in which the larvae are reared. The apparatus comprises an aquatic reservoir, means to supply water to the reservoir, and means to drain water from the reservoir, said drainage means being equipped with a porous barrier, such as a sieve, adapted to prevent said larvae from exiting the reservoir therethrough, while permitting the passage of water.

Classifications:
International (IPC 8-9): A01K A01K67/033 (Advanced/Invention); A01K67/033 (Core/Invention)
International (IPC 1-7): A01K67/033
CPC: A01K67/033



Family:

Publication number	Publication date	Application number	Application date
AU2015303005 AA	20170223	AU20150303005	20150811
AU2015303005 AA	20160218	AU20150303005	20150811
BR112017002648 A2	20171205	BR20171102648	20150811
CA2957122 AA	20170130	CA20152957122	20150811
CL2017000366 A1	20171020	CL20170000366	20170210
CN106714552 A	20170524	CN201580052033	20150811
CO20170002219 A2	20170531	CO20170002219	20170306
CR201700087 A	20170427	CR20170000087	20150811
CU20170013 A7	20170704	CU20170000013	20150811
DOP2017000032 A	20170416	DO20170000032	20170202
EP3179851 A1	20170621	EP20150781724	20150811
GB201414210 A0	20140924	GB20140014210	20140811
HK1238082 A1	20180427	HK20170112244	20171122
ID201802314 A	20180309	ID2017P0001495	20150811
IN201717008122 A	20170714	IN201717008122	20170308
MX2017001926 A1	20170612	MX20170001926	20150811
PE06362017 A1	20170603	PE20170000198	20150811
PH2017500185 A	20170703	PH20170500185	20170131
SG11201700747T A1	20170227	SG20171100747	20150811
SV2017005382 A	20170727	SV20170005382	20170209
TH170381 A	20171109	TH20171000706	20150811
US2018213756 AA	20180802	US20150503352	20150811
WO16024164 A1	20160218	WO20151B01823	20150811
ZA201700822 A	20181031	ZA20170000822	20170202

Priority:

GB20140014210 20140811 WO20151B01823 20150811 CL20170000366 20170210

Probable Assignee: OXITEC LTD

Assignee(s): (std): OXITEC LTD

Assignee(s): NAISH NEIL

Inventor(s): (std): NAISH NEIL ; NEIL NAISH

Agent(s): PIZZEYS PATENT AND TRADE MARK ATTORNEYS PTY LTD; SMART AND BIGGAR; ESTUDIO CLARKE
MODET AND CO CHILE LIMITADA; CAROLINA MERCEDES DAZA MONTALVO; ARENDS WILLIAM GERRIT;
MARKS AND CLERK; MELINDA SE SH

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
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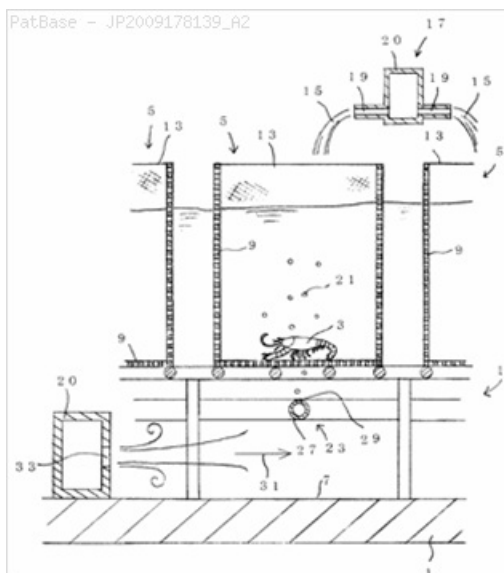
Title: METHOD FOR RAISING CRUSTACEAN, AND CRUSTACEAN RAISED BY THE METHOD

Abstract: PROBLEM TO BE SOLVED: To provide a method for raising a crustacean on an individual basis in raising vessels, efficient in raising management, through keeping the ambient condition inside the raising vessels well. SOLUTION: The method for raising a crustacean is provided, being characterized by the following: The crustacean is accommodated individually in meshy raising vessels installed in a water tank. The raising vessels are injected with fresh water without stagnation and aerated thoroughly throughout the vessels. Raising management in the raising vessels such as observing, taking-up, feeding, etc. of the crustacean is easy to conduct. The raising vessels are detachable from the water tank and exchangeable with other raising vessels differing in size or mesh size therefrom, and installed in the water tank so as to lie off above the bottom thereof. Excrements and feed residues passed outside of the raising vessels move near the bottom of the water tank and are brought to the drain port of the water tank by water current in a definite direction and then are discharged out of the water tank.

Classifications:

International (IPC 8-9): A01K61/00 A01K63/04 (Advanced/Invention); A01K61/00 (Core/Invention)

CPC: Y02A40/81 Y02A40/824



Family:

Publication number	Publication date	Application number	Application date
JP2009178139 A2	20090813	JP20080022194	20080201
JP5150972 B2	20130227	JP20080022194	20080201

Priority:

JP20080022194 20080201

Probable Assignee:

SHIZUOKA PREFECTURE

Assignee(s): (std):

SHIZUOKA PREFECTURE

Inventor(s): (std):

OKAMOTO KAZUTOSHI

Title: MATING TANK FOR CRUSTACEA

Abstract: A mating tank for crustaceans, especially for decapods, having several individual compartments for females, one compartment for a male which adjoins all the female compartments, and movable porous dividing apparatus between male and female compartments for allowing the male to associate with a selected female. Light producing means encourage the females to moult. A method for effecting efficient mating.

Classifications:

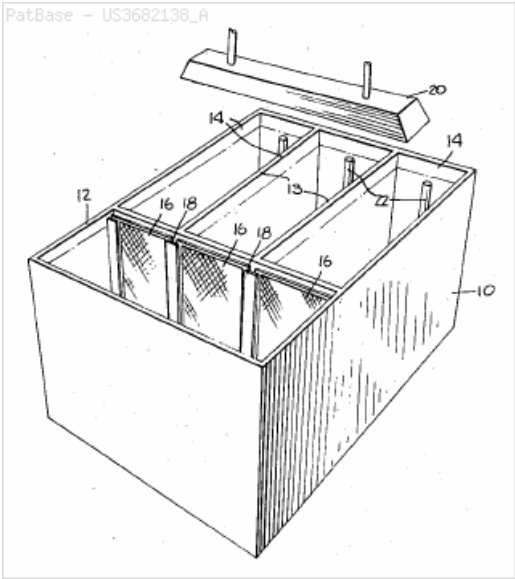
International (IPC 8-9): A01K61/00 (Advanced/Invention);
A01K61/00 (Core/Invention)

International (IPC 1-7): A01K61/00

CPC: A01K61/59 Y02A40/824

European: A01K61/00D

US: 119/2 119/205



Family:

Publication number	Publication date	Application number	Application date
US3682138 A	19720808	US19690887813	19691224

Priority:

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Probable Assignee:

OCEAN PROTEIN CORP

Assignee(s): (std):

OCEAN PROTEIN CORP

Inventor(s): (std):

DAY JOHN J ; HIRSCHMAN PAUL S

Inventor(s):

JOHN J DAY ; PAUL S HIRSCHMAN